



EMPRESAS COPEC



CONSOLIDATED FINANCIAL STATEMENTS

AS OF DECEMBER 31, 2019



INDEPENDENT AUDITORS' REPORT

Santiago, March 6, 2020

To the Shareholders and Directors
Empresas Copec S.A.

We have audited the accompanying consolidated financial statements of Empresas Copec S.A. and affiliates, which comprise the consolidated statements of financial position as of December 31, 2019 and 2018, the corresponding consolidated statements of income, consolidated comprehensive income, consolidated changes in equity and consolidated cash flows for the years ending on these dates, and the corresponding notes to the consolidated financial statements.

Management's responsibility for the consolidated financial statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with International Financial Reporting Standards (IFRS). This responsibility includes the design, implementation and maintenance of relevant internal controls for the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We did not audit the financial statements of the affiliates Compañía de Petróleos de Chile Copec S.A., Pesquera Iquique Guanaye S.A. and Sociedad Nacional de Oleoductos S.A. (in 2018), whose financial statements reflect total assets representing 28.17% in 2019 and 27.44% in 2018, respectively, of the consolidated total amounts as of December 31, 2019 and 2018 and for the years then ended. These financial statements were audited by other auditors whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for these companies, is solely based on the reports of those auditors. We conducted our audit in accordance with Chilean generally accepted auditing standards. Those standards require that we plan and perform our work to obtain reasonable assurance that the consolidated financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we do not express such an opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by Management, as well as evaluating the overall presentation of the consolidated financial statements.



Santiago, March 6, 2020

Empresas Copec S.A.

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We believe that the audit evidence obtained is sufficient and appropriate to provide a basis for our opinion.

Opinion

In our opinion, based on our audit and the reports of other auditors, the consolidated financial statements referred to above present fairly, in all material aspects, the financial position of Empresas Copec S.A. and affiliates as of December 31, 2019 and 2018, and the results of its operations and cash flows for the years then ended, in accordance with International Financial Reporting Standards.

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ABBREVIATIONS

IFRS	- International Financial Reporting Standards
IAS	- International Accounting Standards
NIFCH	- Chilean Financial Reporting Standards
IFRIC	- International Financial Reporting Interpretations Committee
US\$	- United States dollars
ThUS\$	- Thousands of United States dollars
MUS\$	- Millions of US dollars
MCh\$	- Millions of Chilean Pesos
ThCOP\$	- Thousands of Colombian pesos
PS/.	- Peruvian new sol
BR\$	- Brazilian real
AR\$	- Argentinean peso

Consolidated Statements of Financial Position

	Note	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Assets			
Current assets			
Cash and cash equivalents	3.1	2,214,887	1,713,803
Other financial assets, current	3.2a	124,918	219,843
Other non-financial assets, current	9	211,141	164,240
Trade and other receivables, current	3.3	1,675,937	1,970,882
Related party receivables, current	18.1	84,516	50,289
Inventories	6	1,823,893	1,742,757
Biological assets, current	7	275,792	319,021
Tax assets, current	8	263,957	104,430
Total current assets other than assets or disposal groups held for sale or for distribution to owners		6,675,041	6,285,265
Non-current assets or disposal groups held for sale	10	359,349	18,439
Non-current assets or disposal groups held for distribution to owners		0	0
Non-current assets or disposal groups held for sale or held for distribution among the owners		359,349	18,439
Total current assets		7,034,390	6,303,704
Non-current assets			
Other financial assets, non-current	3.2 b	108,072	83,847
Other non-financial assets, non-current	9	180,604	153,225
Trade receivables, non-current	3.3	19,870	28,399
Related party receivables, non-current	18.1	7,456	7,867
Equity method investments	21	1,026,173	1,156,742
Intangible assets other than goodwill	11	977,805	1,047,549
Goodwill	12	413,693	432,729
Property, plant and equipment	13	11,486,350	10,553,211
Biological assets, non-current	7	3,393,634	3,336,339
Investment properties	15	35,300	40,583
Deferred tax assets	16a	484,563	343,080
Total non-current assets		18,133,520	17,183,571
Total assets		25,167,910	23,487,275

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

Consolidated Statements of Financial Position

	Note	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Equity and liabilities			
Liabilities			
Current liabilities			
Other financial liabilities, current	3.4	924,951	1,144,023
Trade and other payables, current	17	1,793,854	1,744,426
Related party payables, current	18.2	6,197	8,848
Other provisions, current	19	18,999	19,763
Tax liabilities, current	8	25,102	177,436
Employee benefits provisions, current	20	11,810	11,155
Other non-financial liabilities, current		126,369	304,656
Total current liabilities other than liabilities included in asset disposal groups held for sale		2,907,282	3,410,307
Liabilities included in asset disposal groups held for sale	10	186,860	0
Total current liabilities		3,094,142	3,410,307
Non-current liabilities			
Other financial liabilities, non-current	3.4	8,347,751	6,321,044
Other payables, non-current		3,189	6,811
Related party payables, non-current		0	0
Other provisions, non-current	19	80,556	90,230
Deferred tax liabilities	16a	2,169,305	2,164,801
Employee benefit provisions, non-current	20	113,753	111,463
Other non-financial liabilities, non-current		185,176	188,719
Total non-current liabilities		10,899,730	8,883,068
Total liabilities		13,993,872	12,293,375
Patrimonio			
Share capital	23	686,114	686,114
Retained earnings (accumulated losses)	23	11,283,478	11,202,802
Share premium		0	0
Treasury shares		0	0
Other equity interests		0	0
Other reserves	23	(1,302,233)	(1,179,787)
Equity attributable to owners of the parent company		10,667,359	10,709,129
Non-controlling interests	23	506,679	484,771
Total equity		11,174,038	11,193,900
Total liabilities and equity		25,167,910	23,487,275

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

Consolidated Statements of Income

	Note	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Net income for the year			
Operating revenue	24	23,716,405	23,970,069
Cost of sales	25	(20,452,761)	(19,804,796)
Gross margin		3,263,644	4,165,273
Distribution costs	25	(1,353,340)	(1,344,531)
Administrative expenses	25	(1,062,120)	(1,066,232)
Net Operating Income		848,184	1,754,510
Other income, by function	25	302,355	188,258
Other expenses, by function	25	(297,898)	(147,845)
Other gains (losses)		20,793	11,634
Financial income	26	60,600	47,333
Financial costs	26	(437,900)	(370,619)
Share of profits (losses) at associates and joint ventures accounted for using the equity method	21	(91,128)	62,301
Exchange differences	27	(39,281)	(32,468)
Gain (loss) on indexed assets and liabilities		(15,362)	(16,649)
Gain (loss) arising from the difference between the prior book value and the fair value of financial assets reclassified at fair value		0	0
Net income before tax		350,363	1,496,455
Income tax expense	16b	(124,507)	(377,695)
Net income from continuing operations		225,856	1,118,760
Net income from discontinued operations		0	0
Net income for the period		225,856	1,118,760
Net income attributable to			
Net income attributable to owners of the parent company		172,019	1,070,698
Net Income attributable to non-controlling interests		53,837	48,062
Net income for the year		225,856	1,118,760
Earnings per share			
Basic earnings per share			
Basic earnings per share from continuing operations		0.1323372	0.8237065
Basic earnings per share from discontinued operations		0.0000000	0.0000000
Basic earnings per share		0.1323372	0.8237065
Diluted earnings per share			
Diluted earnings per share from continuing operations		0,0000000	0,0000000
Diluted earnings per share from discontinued operations		0,0000000	0,0000000
Diluted earnings per share		0,0000000	0,0000000

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

Consolidated Statements of Comprehensive Income

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Statement of Comprehensive Income		
Net income for the year	225,856	1,118,760
Components of other comprehensive income that will not be reclassified to net income for the period, before taxes		
Other comprehensive income from revaluation gains (losses), before taxes	0	0
Other comprehensive income from actuarial gains (losses) on defined-benefit pension plans, before taxes	(2,965)	2,679
Other comprehensive income from revaluation of defined-benefit pension plans, before taxes	0	0
Participation in other comprehensive income of associates and joint ventures accounted for using the equity method that will not be reclassified to net income for the period, before taxes	0	(1,657)
Other comprehensive income that will not be reclassified to net income for the year, before taxes	(2,965)	1,022
Components of other comprehensive income that may be reclassified to net income		
Gain (loss) from foreign currency translation adjustments, before taxes	(116,284)	(332,982)
Reclassification adjustments for foreign currency translations, before taxes	0	0
Other comprehensive income from foreign currency translation differences, before taxes	(116,284)	(332,982)
Financial assets available for sale		
Gain (loss) for new valuations of financial assets held-for-sale, before taxes	527	(368)
Reclassification adjustments for foreign currency translations, before taxes	0	0
Other comprehensive income, financial assets held-for-sale, before taxes	527	(368)
Cash flow hedges		
Gain (loss) on cash flow hedges, before taxes	1,878	36,521
Reclassification adjustments on cash flow hedges, before taxes	(29,227)	(15,286)
Adjustments for amounts transferred to initial book values of hedged items	0	0
Other comprehensive income from cash flow hedges, before taxes	(27,349)	21,235
Other comprehensive income from gains (losses) on investments in equity instruments, before taxes	0	(1,940)
Other comprehensive income from revaluation gains (losses), before taxes	(6,190)	10,758
Other comprehensive income from actuarial gains (losses) on defined-benefit pension plans, before taxes	(7,453)	(1,709)
Participation in other comprehensive income of associates and joint ventures accounted for using the equity method	28,337	14,087
Other comprehensive income, before taxes	(128,412)	(290,919)
Income tax relating to components of other comprehensive income that will not be reclassified to net income for the period	0	0
Income tax related to defined benefit pension plans in other comprehensive income	0	0

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Income tax related to components of other comprehensive income		
Income tax related to foreign currency translation adjustments of other comprehensive income	0	0
Income tax related to investments in equity instruments of other comprehensive income	(6,582)	176
Income tax related to financial assets held-for-sale of other comprehensive income	0	63
Income tax related to cash flow hedges of other comprehensive income	6,770	(5,618)
Income tax related to changes in revaluation surpluses in other comprehensive income	0	0
Income tax related to defined benefit pension plans in other comprehensive income	2,737	(22)
Reclassification adjustments to income tax related to components of other comprehensive income	0	0
Total income tax relating to components of other comprehensive income (loss)	2,925	(5,401)
Other comprehensive income (loss)	(128,452)	(295,298)
Total comprehensive income	97,404	823,462
Comprehensive income attributable to		
Comprehensive income attributable to owners of the parent company	46,105	779,043
Comprehensive income attributable to non-controlling interests	51,299	44,419
Total comprehensive income	97,404	823,462

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

Consolidated Statements of Changes in Equity

CURRENT PERIOD - 12/2019 (ThUS\$)	Ordinary shares		Legal and statutory reserves	Financial assets available for sale reserve	Foreign currency translation reserves	Defined benefit plan reserves	Hedge reserves	Other miscellaneous reserves	Total other reserves	Retained Earnings (Accumulated Losses)	Total Equity Attributable to Parent Company Shareholders	Non-controlling interests	Total equity
	Share capital	Share premium											
Opening balance current period January 1, 2019	686,114	0	3	(309)	(1,644,811)	(27,068)	34,917	457,481	(1,179,787)	11,202,802	10,709,129	484,771	11,193,900
Increase (decrease) due to changes in accounting policy	0	0	0	0	0	0	0	0	0	(107)	(107)	0	(107)
Increase (decrease) due to error corrections	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening balance restated	686,114	0	3	(309)	(1,644,811)	(27,068)	34,917	457,481	(1,179,787)	11,202,695	10,709,022	484,771	11,193,793
Changes in equity													
Comprehensive income													
Net income for the year	0	0	0	0	0	0	0	0	0	172,019	172,019	53,837	225,856
Other comprehensive income	0	0	0	527	(114,279)	(7,598)	(22,202)	17,638	(125,914)	0	(125,914)	(2,538)	(128,452)
Comprehensive income	0	0	0	527	(114,279)	(7,598)	(22,202)	17,638	(125,914)	172,019	46,105	51,299	97,404
Shares issued	0	0	0	0	0	0	0	0	0	0	0	0	0
Dividends	0	0	0	0	0	0	0	0	0	(73,643)	(73,643)	0	(73,643)
Increase (decrease) for other contributions by the owners	0	0	0	0	0	0	0	0	0	0	0	0	0
Decrease (increase) for other distributions to the owners	0	0	0	0	0	0	0	0	0	0	0	0	0
Increase (decrease) for transfers and other changes	0	0	0	0	0	0	0	3,468	3,468	(17,593)	(14,125)	(29,391)	(43,516)
Increase (decrease) for transactions with treasury shares	0	0	0	0	0	0	0	0	0	0	0	0	0
Increase (decrease) for changes in interests in affiliates that do not involve loss of control	0	0	0	0	0	0	0	0	0	0	0	0	0
Total changes in equity	0	0	0	527	(114,279)	(7,598)	(22,202)	21,106	(122,446)	80,783	(41,663)	21,908	(19,755)
Closing balance current period December 31, 2019	686,114	0	3	218	(1,759,090)	(34,666)	12,715	478,587	(1,302,233)	11,283,478	10,667,359	506,679	11,174,038

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

PREVIOUS PERIOD - 12/2018 (ThUS\$)	Ordinary shares		Legal and statutory reserves	Financial assets available for sale reserve	Foreign currency translation reserves	Defined benefit plan reserves	Hedge reserves	Other miscellaneous reserves	Total other reserves	Retained Earnings (Accumulated Losses)	Total Equity Attributable to Parent Company Shareholders	Non-controlling interests	Total equity
	Share capital	Share premium											
Opening balance previous period January 1, 2018	686,114	0	3	(4)	(1,318,279)	(28,047)	16,695	443,418	(886,214)	10,598,425	10,398,325	515,128	10,913,453
Increase (decrease) due to changes in accounting policy	0	0	0	0	0	0	(1,918)	0	(1,918)	173	(1,745)	(175)	(1,920)
Increase (decrease) due to error corrections	0	0	0	0	0	0	0	0	0	0	0	0	0
Opening balance restated	686,114	0	3	(4)	(1,318,279)	(28,047)	14,777	443,418	(888,132)	10,598,598	10,396,580	514,953	10,911,533
Changes in equity													
Comprehensive income													
Net income for the year	0	0	0	0	0	0	0	0	0	1,070,698	1,070,698	48,062	1,118,760
Other comprehensive income	0	0	0	(305)	(326,532)	979	20,140	14,063	(291,655)	0	(291,655)	(3,643)	(295,298)
Comprehensive income	0	0	0	(305)	(326,532)	979	20,140	14,063	(291,655)	1,070,698	779,043	44,419	823,462
Shares issued	0	0	0	0	0	0	0	0	0	0	0	0	0
Dividends	0	0	0	0	0	0	0	0	0	(462,374)	(462,374)	0	(462,374)
Increase (decrease) for other contributions by the owners	0	0	0	0	0	0	0	0	0	0	0	0	0
Decrease (increase) for other distributions to the owners	0	0	0	0	0	0	0	0	0	0	0	0	0
Increase (decrease) for transfers and other changes	0	0	0	0	0	0	0	0	0	(4,120)	(4,120)	(74,601)	(78,721)
Increase (decrease) for transactions with treasury shares	0	0	0	0	0	0	0	0	0	0	0	0	0
Increase (decrease) for changes in interests in affiliates that do not involve loss of control	0	0	0	0	0	0	0	0	0	0	0	0	0
Total changes in equity	0	0	0	(305)	(326,532)	979	20,140	14,063	(291,655)	604,204	312,549	(30,182)	282,367
Closing balance previous period December 31, 2018	686,114	0	3	(309)	(1,644,811)	(27,068)	34,917	457,481	(1,179,787)	11,202,802	10,709,129	484,771	11,193,900

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

Consolidated Statements of Cash Flow

	Note	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Statement of cash flow			
Cash flows from (used by) operating activities			
Proceeds from operating activities			
Proceeds from selling goods and providing services		26,095,229	25,565,970
Proceeds from royalties, installments, commissions and other operating income		66	0
Proceeds from contracts for brokerage or trading		0	0
Proceeds from premiums and claims, annuities and other benefits arising on policies underwritten		1,201	3,457
Other proceeds from operating activities		495,977	377,202
Payments for operating activities			
Payments to suppliers for goods and services		(23,097,343)	(22,561,015)
Payments for brokering or trading contracts		0	0
Payments to and on behalf of employees		(1,080,426)	(1,029,977)
Payments for premiums and claims, annuities and other policy obligations		(14,087)	(10,624)
Other payments for operating activities		(246,891)	(287,726)
Dividends paid		0	0
Dividends received		7,329	10,562
Interest paid		(293,293)	(192,391)
Interest received		46,649	29,123
Income taxes received (paid)		(473,425)	(198,754)
Other proceeds (payments)		7,114	3,989
Net cash flows from (used by) operating activities		1,448,100	1,709,816
Cash flows from (used by) investing activities			
Cash flows from the loss of control of affiliates or other businesses		117,376	0
Payments to obtain control of affiliates or other businesses		(173,256)	(605,923)
Payments to purchase non-controlling interests		(181,851)	(259,442)
Proceeds from the sale of equity or debt instruments of other entities		21,016	282,770
Other payments to acquire equity or debt instruments of other entities		0	0
Proceeds from sale of joint ventures		0	0
Payments to acquire interests in joint ventures		0	0
Loans to related companies		(18,000)	(801)
Proceeds from sales of property, plant and equipment		61,173	99,557
Acquisitions of property, plant and equipment		(1,374,202)	(1,059,982)
Proceeds from sales of intangible assets		0	0
Acquisitions of intangible assets		(80,475)	(73,499)
Proceeds from other long-term assets		6,059	6,463
Acquisitions of other long-term assets		(248,188)	(222,029)
Proceeds from government subsidies		0	0
Cash advances and loans to third parties		(310)	(10,755)
Proceeds from the repayment of advances and loans granted to third parties		598	60,599
Payments related to futures, forward, options and swap contracts		0	(40,063)
Proceeds from futures, forward, options and swap contracts		8,932	0
Collections from related companies		0	3,258
Dividends received		67,408	70,998
Interest received		61	4,399
Income taxes received (paid)		0	0
Other proceeds (payments)		75,764	(58,810)
Net cash flows from (used by) investing activities		(1,717,895)	(1,803,260)

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Cash flows from (used by) financing activities		
Proceeds from share issues	8,230	0
Proceeds from issuing other equity instruments	0	0
Payments to acquire treasury shares	74,469	(762)
Payments for other equity interests	0	0
Proceeds from long-term loans	2,236,138	1,836,154
Proceeds from short-term loans	531,619	1,307,968
Total proceeds from loans	2,767,757	3,144,122
Loans from related companies	11	0
Loan repayments	(1,430,016)	(2,081,461)
Repayment of finance lease liabilities	(139,792)	(10,804)
Loan repayments to related companies	0	0
Proceeds from government subsidies	0	(485)
Dividends paid	(301,705)	(419,319)
Interest paid	(157,539)	(119,790)
Income taxes received (paid)	0	0
Other proceeds (payments)	(10,422)	(690)
Net cash flows from (used by) financing activities	810,993	510,811
Net increase in cash & cash equivalents before exchange rate effects	541,198	417,367
Effect of exchange rate variations on cash and cash equivalents		
Effect of exchange rate variances on cash and cash equivalents	(40,114)	(45,263)
Net increase (decrease) in cash and cash equivalents	501,084	372,104
Cash and cash equivalents at the start of the year	3.1 1,713,803	1,341,699
Cash and cash equivalents at the end of the year	3.1 2,214,887	1,713,803

The attached notes 1 to 32 form an integral part of these consolidated financial statements.

NOTE 1. CORPORATE INFORMATION

Empresas Copec S.A. is a financial holding company that operates in a variety of business sectors through its affiliates and associates. Since its inception in 1934, the Parent Company has distributed liquid fuels. This business was transferred to a new affiliate in October 2003.

Empresas Copec S.A. group currently has two large specialist areas: natural resources and energy. The natural resources area covers the Company's businesses in the forestry, fishing and mining industries. The energy area covers the Company's businesses in distributing liquid fuel, liquid petroleum gas and natural gas, as well as electricity generation. All of these sectors are strongly linked to the growth and development of the country.

The Company's main affiliates and associates include Celulosa Arauco y Constitución S.A. (Arauco), Compañía de Petróleos de Chile Copec S.A. (Copec S.A.), Abastible S.A., Sociedad Nacional de Oleoductos S.A., Metrogas S.A., Corpesca S.A., Orizon S.A., Pesquera Iquique-Guanaye S.A., Inmobiliaria Las Salinas Ltda., Minera Camino Nevado Ltda. and Alxar Internacional SpA. The Group includes the affiliates Terpel and Nortesantandereana de Gas in Colombia, Mapco in the USA, Solgas in Peru, and Duragas in Ecuador through Copec S.A. and Abastible S.A., and the associate Tafisa in Spain/Portugal/Germany/South Africa through Arauco, and several other related international companies.

Empresas Copec S.A. is the group's Parent Company and is a publicly held corporation registered in the Securities Registry under No. 0028. The Company is regulated by the Chilean Financial Markets Commission (hereinafter the "FMC"). The Company's legal address is 150, El Golf Avenue, 17th floor, Las Condes, Santiago, Chile. Its Chilean identification number is 90,690,000-9.

Empresas Copec S.A. is controlled by Antarchile S.A., which holds 60.82% of the Company's shares. Antarchile S.A. is a publicly held corporation that is registered in the Securities Registry under No. 0342 and is regulated by the FMC.

The final controllers of Empresas Copec S.A. and AntarChile S.A. are Mr. Roberto Angelini Rossi and Ms. Patricia Angelini Rossi, who exercise control in the following manner:

- (i) Through Inversiones Angelini y Cía. Ltda., which owns 63.4015% of AntarChile S.A.
- (ii) Mr. Roberto Angelini Rossi through statutory control of Inversiones Golfo Blanco Ltda., which directly owns 5.77307% of AntarChile S.A. and Ms. Patricia Angelini Rossi, through the statutory control of Inversiones Senda Blanca Ltda., which directly owns 4.3298% of AntarChile S.A.

The consolidated financial statements were prepared on a going concern basis.

The consolidated financial statements as of December 31, 2019 were approved by the Board of Directors at its Extraordinary Meeting 2,659 held on March 6, 2020, and their publication was approved on the same date. The financial statements of the affiliates were approved by their respective Management.

The consolidated financial statements as of December 31, 2018 were approved by the Board of Directors at its Extraordinary Meeting 2,639 held on March 8, 2019, and their publication was approved on the same date. The financial statements of the affiliates were approved by their respective Management.

Capital Management

Capital management refers to managing the Company's equity. The purpose of the capital management policies of the Empresas Copec S.A. Group is:

- To safeguard the Company's normal operations and secure the long-term continuity of the business;
- To secure financing for new investments in order to maintain sustained growth;
- To maintain an appropriate capital structure, in accordance with economic cycles that affect the business and the nature of the industry;
- To maximize the Company's value, providing investors with an adequate return on their investment.

Capital requirements are tailored to meet the Company's financing needs, while at the same time taking care to maintain appropriate liquidity levels and to comply with the financial covenants established in its loan contracts. The Company manages its capital structure based on prevailing economic conditions in order to mitigate risks from adverse market conditions and take advantage of any opportunities that may arise to improve its liquidity position.

The financial structure of Empresas Copec S.A. and its affiliates as of December 31, 2019 and 2018 was as follows:

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Total equity	11,174,038	11,193,900
Interest-bearing loans	2,256,568	2,389,993
Finance leases	787,932	156,103
Bonds	6,069,355	4,842,578
Total	20,287,893	18,582,574

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

These consolidated financial statements have been prepared in accordance with International Financial Reporting Standards issued by the International Accounting Standards Board ("IASB"), which have been adopted wholly, explicitly and without reserve.

These consolidated financial statements are presented in thousands of US dollars and have been prepared on the basis of the accounting records of Empresas Copec S.A., its affiliates and associates.

2.1 Bases of presentation

These consolidated financial statements for Empresas Copec S.A. and affiliates, include the consolidated statements of financial position as of December 31, 2019 and 2018, the corresponding consolidated statements of net income by function and comprehensive income for the years ended December 31, 2019 and 2018, and the consolidated statements of changes in equity and cash flow for the years ended December 31, 2019 and 2018.

During the preparation of the consolidated financial statements, certain accounting estimates have been used to quantify some assets, liabilities, income and expenses. In addition, Management is required to apply its judgment when applying the accounting policies of the Empresas Copec Group. The areas that involve a greater degree of judgment or complexity or in which the assumptions and estimates are significant for the consolidated financial statements are described in Note 5.

New accounting pronouncements.

At the date these consolidated financial statements were issued, the following accounting pronouncements had been issued by the IASB, relating to new standards, interpretations and amendments. Those that are not yet mandatory as of the reporting date have not been adopted early.

Recent accounting pronouncements

a) The following standards, interpretations and amendments are mandatory for the first time for financial periods beginning on January 1, 2019.

Standards and amendments	Contents	Publication date
IFRS 16	Arrendamientos Establishes the principles to recognize, measure, present and disclose leases.	January 1, 2019
IFRIC 23	Uncertainty over income tax treatments This interpretation clarifies how to apply the recognition and measurement requirements of IAS 12 when there is uncertainty regarding income tax treatment.	January 1, 2019
IAS 28	Investments in associates and joint ventures This amendment clarifies that companies that account for long-term interests in an associate or joint venture should use IFRS 9, when the equity method is not applied.	January 1, 2019
IFRS 9	Financial Instruments It allows more assets to be measured at amortized cost.	January 1, 2019
NIIF 3	Business combinations The amendment clarifies that gaining control of a joint operation company is a business combination that is achieved in stages.	January 1, 2019
IFRS 11	Joint Arrangements The amendment clarifies that the entity that gains joint control of a joint operation company must not revalue its interest in the joint operation.	January 1, 2019
IAS 12	Income Taxes The amendment clarifies that the income tax consequences of dividends on financial instruments classified as equity must be recognized according to where the transactions or past events that generated those distributable gains were recognized.	January 1, 2019
IAS 19	Employee benefits Requires entities to use updated assumptions to determine the cost of the current service and the net interest rate for the remainder of the period following a plan amendment, reduction or liquidation.	January 1, 2019
IAS 23	Borrowing costs The amendment clarifies that if a specific loan remains outstanding after the qualifying asset is ready for its intended use or sale, that loan becomes part of general loans.	January 1, 2019

The adoption of the standards, amendments and interpretations described above, do not have a significant impact on the consolidated financial statements, except as described in the following paragraphs regarding IFRS 16.

IFRS 16 applies to financial periods beginning on or after January 1, 2019. The Group will apply IFRS 16 in accordance with the transition options for this standard, with the initial cumulative effects recognized at the beginning of 2019, without restating its comparative financial statements as of December 31, 2018.

The Group has adopted IFRS 16, recognizing leasing liabilities that had previously been classified as operating leases under IAS 17 Leases.

Leasing liabilities under IFRS 16 were valued at the present value of the remaining lease payments, discounted using the incremental average interest rate as of January 1, 2019. The average incremental rate used ranges from 4.0% to 5.3%.

Right-of-use assets were valued at the leasing liabilities, adjusted by any leasing prepayments or accumulated payments related to leases recognized in the statement of financial position as of January 1, 2019.

Property, plant and equipment increased by ThUS\$703,785 and other financial liabilities by ThUS\$700,021 as of January 1, 2019 on adopting IFRS 16. A reconciliation between these two amounts follows:

Figures as of January 1, 2019	ThUS\$
Right-of-use assets	703,785
Prepayments	(5,304)
Sub-leases	1,540
Leasing liabilities	700,021
Sub-leases affect Retained Earnings as of January 1, 2019 of ThUS\$107	

The Group did not apply the IFRS 16 disclosure requirements to recognize right-of-use assets and a liability for leases that will terminate within 12 months of January 1, 2019, nor for leases where the underlying asset has a low value.

b) Standards, interpretations and amendments issued, but not yet mandatory and which have not been adopted early.

Standards and amendments	Contents	Publication date
IAS 1 and IAS 8	Presentation of financial statements and accounting policies, changes in accounting estimates and errors It introduces a consistent definition of materiality in all IFRS and the Conceptual Framework for Financial Information, and clarifies the explanation for the definition of material. It incorporates some of the guides in IAS 1 on immaterial information.	January 1, 2020
NIIF 3	Definition of a business Revises the definition of a business.	January 1, 2020
IFRS 9, IAS 39 and IFRS 7 Amendments	Reference interest rate reform These amendments provide specific simplifications regarding reference rate reform.	January 1, 2020
IFRS 17	Insurance contracts Replaces IFRS 4. Changes the accounting for all entities that issue insurance contracts and investment contracts	January 1, 2021
IAS 10 and IAS 28 - Amendments	Asset sale or contribution between an investor and an associate or joint venture	Undetermined

Empresas Copec S.A. believes that adopting the standards, amendments and interpretations described above will not significantly affect the consolidated financial statements.

2.2 Basis of consolidation

a) Affiliates

Affiliates are all companies (including special purpose vehicles) that expose the Group to, or give it the right to, variable returns arising from that investment, and the Group can affect such returns through its ability to direct the company's business. Affiliates are consolidated from the date on which control is transferred, and they are excluded from consolidation from the date on which control ceases.

The *acquisition method* is used to account for the acquisition of affiliates by the Group. Acquisition cost is the fair value of the assets delivered, the equity instruments issued and the liabilities incurred or assumed at the date of exchange. The identifiable assets, liabilities and contingencies assumed in a business combination are initially valued at fair value as of the acquisition date, regardless of the scope of minority interests. The excess of the acquisition cost over the fair value of the Group's share in the net identifiable assets acquired is recognized as goodwill. If the acquisition cost is less than the fair value of the net assets of the acquired affiliate, the difference is recognized directly as a gain in income, as negative goodwill.

Intercompany transactions and balances and unrealized gains on transactions between entities are eliminated. Unrealized losses are also eliminated, unless that transaction provides evidence that the asset transferred is

impaired. The accounting policies of affiliates are amended, when it is necessary to ensure that Group policies have been consistently applied.

The consolidated financial statements include the consolidated figures of Abastible S.A. and affiliates, Celulosa Arauco y Constitución S.A. and affiliates, Compañía de Petróleos de Chile Copec S.A. and affiliates, Minera Camino Nevado Ltda. and affiliates, EC Investrade Inc., Pesquera Iquique-Guanaye S.A. and affiliates, Inmobiliaria Las Salinas Ltda., Sociedad Nacional de Oleoductos S.A. Inversiones Nueva Sercom Ltda. and Alxar Internacional SpA.

The direct and indirect shareholdings as of December 31, 2019 and 2018 are detailed as follows:

Chilean ID Number	Company	Ownership interest			
		12.31.2019		12.31.2018	
		Direct	Indirect	Total	Total
91,806,000-6	ABASTIBLE S.A.	99.2023	0.0000	99.2023	99.2023
93,458,000-1	CELULOSA ARAUCO Y CONSTITUCION S.A.	99.9780	0.0000	99.9780	99.9780
99,520,000-7	COMPAÑIA DE PETROLEOS DE CHILE COPEC S.A.	99.9996	0.0004	100.0000	100.0000
76,160,625-5	MINERA CAMINO NEVADO LTDA.	99.9986	0.0014	100.0000	100.0000
91,123,000-3	PESQUERA IQUIQUE-GUANAYE S.A.	50.2198	31.7150	81.9348	81.9348
88,840,700-6	INMOBILIARIA LAS SALINAS LTDA.	99.9740	0.0260	100.0000	100.0000
81,095,400-0	SOCIEDAD NACIONAL DE OLEODUCTOS S.A.	0.0000	52.6857	52.6857	52.6857
76,306,362-3	INVERSIONES NUEVA SERCOM LTDA.	99.9740	0.0260	100.0000	100.0000
76,879,169-4	ALXAR INTERNACIONAL SpA	100.0000	0.0000	100.0000	100.0000
Foreign	EC INVESTRADE INC.	100.0000	0.0000	100.0000	100.0000

The following companies indirectly form part of these consolidated financial statements as of December 31, 2019 and 2018, as a result of consolidating financial information for consolidated affiliates:

Empresas Copec S.A. - Consolidated Financial Statements as of December 31, 2019

Chilean ID Number	Company	Ownership interest			12.31.2018 Total
		Direct	12.31.2019 Indirect	Total	
76,565,182-4	ABASTIBLE INTERNACIONAL SpA	0.0000	99.2023	99.2023	99.2023
79,927,130-3	ADM. CENTRAL DE ESTACIONES DE SERVICIOS LTDA.	0.0000	100.0000	100.0000	100.0000
79,689,550-0	ADM. DE ESTACIONES DE SERVICIOS SERCO LTDA.	0.0000	100.0000	100.0000	100.0000
77,614,700-1	ADM. DE SERVICIOS DE RETAIL LTDA.	0.0000	100.0000	100.0000	100.0000
79,927,140-0	ADM. DE SERVICIOS GENERALES LTDA.	0.0000	100.0000	100.0000	100.0000
77,215,640-5	ADM. DE VENTAS AL DETALLE LTDA.	0.0000	100.0000	100.0000	100.0000
96,547,510-9	ARAUCO BIOENERGIA S.A.	0.0000	99.9779	99.9779	99.9779
76,620,842-8	ARAUCO NUTRIENTES NATURALES SpA	0.0000	99.9779	99.9779	99.9779
76,000,605-K	ARCO ALIMENTOS LTDA.	0.0000	100.0000	100.0000	100.0000
85,840,100-3	COMPAÑIA DE SERVICIOS INDUSTRIALES LTDA.	0.0000	100.0000	100.0000	100.0000
96,668,110-1	COMPAÑIA LATINOAMERICANA PETROLERA S.A.	0.0000	60.0000	60.0000	60.0000
96,623,630-2	COMPAÑIA MINERA CAN CAN S.A	0.0000	100.0000	100.0000	100.0000
76,188,354-2	COMPAÑIA MINERA LA MERCED S.A.	0.0000	100.0000	100.0000	100.0000
76,188,363-1	COMPAÑIA MINERA PASO SAN FRANCISCO S.A.	0.0000	100.0000	100.0000	100.0000
76,188,378-K	COMPAÑIA MINERA SIERRA NORTE S.A.	0.0000	100.0000	100.0000	100.0000
76,528,658-1	COMPLEMENTO FILIALES SpA	0.0000	100.0000	100.0000	100.0000
96,657,900-5	CONSORCIO PROTECCION FITOSANITARIA FORESTAL S.A.	0.0000	57.1039	57.1039	57.1039
77,107,835-4	COPEC VOLTEX SPA.	0.0000	100.0000	100.0000	0.0000
76,600,822-4	COPEC OVERSEAS SpA	0.0000	100.0000	100.0000	100.0000
76,068,320-5	ESTUDIOS Y DESARROLLOS DE GAS LTDA.	0.0000	99.2102	99.2102	99.2102
85,805,200-9	FORESTAL ARAUCO S.A.	0.0000	99.9779	99.9779	99.9779
93,838,000-7	FORESTAL CHOLGUAN S.A.	0.0000	98.5967	98.5967	98.5772
78,049,140-K	FORESTAL LOS LAGOS S.A.	0.0000	79.9823	79.9823	79.9823
76,172,285-9	FLUX SOLAR ENERGÍAS RENOVABLES S.P.A	0.0000	80.0000	80.0000	0.0000
76,107,630-2	GAS LIQUADO MOTOR LTDA.	0.0000	99.2102	99.2079	99.2079
76,895,330-3	HUALPEN GAS S.A.	0.0000	67.5816	67.5816	67.5816
85,759,000-7	INMOBILIARIA LAS SALINAS LTDA.	0.0000	100.0000	100.0000	100.0000
76,320,907-5	INVERSIONES ALXAR S.A. (FORMERLY INV. CAN CAN S.A.)	0.0000	100.0000	100.0000	100.0000
96,563,550-5	INVERSIONES ARAUCO INTERNACIONAL LTDA.	0.0000	99.9779	99.9779	99.9779
79,990,550-7	INVESTIGACIONES FORESTALES BIOFOREST S.A.	0.0000	99.9779	99.9779	99.9779
96,510,970-6	MADERAS ARAUCO S.A.(FORMERLY PANELES ARAUCO S.A.)	0.0000	99.9779	99.9779	99.9779
96,929,960-7	ORIZON S.A.	0.0000	68.6871	68.6871	68.4141
77,088,206-0	PRONTO BOX SPA	0.0000	100.0000	100.0000	0.0000
76,375,371-9	SERVICIOS AEREOS FORESTALES LTDA	0.0000	99.9779	99.9779	99.9779
96,637,330-K	SERVICIOS LOGISTICOS ARAUCO S.A.	0.0000	99.9779	99.9779	99.9779
78,953,900-6	SERVICIOS Y TRANSPORTES SETRA COM LTDA.	1.0000	98.2103	99.2103	99.2103
77,090,440-4	SOCIEDAD CONTRACTUAL MINERA VILACOLLO	0.0000	100.0000	100.0000	100.0000
81,095,400-0	SOCIEDAD NACIONAL DE OLEODUCTOS S.A.	0.0000	52.7043	52.7043	52.7043
79,904,920-1	TRANSPORTES DE COMBUSTIBLES CHILE LTDA.	0.0000	100.0000	100.0000	100.0000
79,874,200-0	VIA LIMPIA SpA.	0.0000	100.0000	100.0000	100.0000
-	AGENCIAMIENTO Y SERV. PROFESIONALES S.A.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO ARGENTINA S.A.	0.0000	99.9589	99.9589	99.9589
-	ARAUCO AUSTRALIA PTY LTD.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO CANADA (FORMERLY FLAKEBOARD COMPANY LTD)	0.0000	99.9775	99.9779	99.9779
-	ARAUCO COLOMBIA S.A.	0.0000	99.9778	99.9778	99.9778
-	ARAUCO DO BRASIL S.A.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO EUROPE COOPERATIEF U.A.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO FLORESTAL ARAPOTI S.A.	0.0000	79.9823	79.9823	79.9823
-	ARAUCO FOREST BRASIL S.A.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO INDUSTRIA DE PAINES LTDA.	0.0000	99.9779	99.9779	99.9772
-	ARAUCO INDUSTRIA DE MEXICO S.A. DE C.V	0.0000	99.9779	99.9779	0.0000
-	ARAUCO MIDDLE EAST DMCC	0.0000	99.9775	99.9775	99.9775
-	ARAUCO NORTH AMERICA, INC.	0.0000	99.9775	99.9775	99.9775
-	ARAUCO PERU S.A.	0.0000	99.9779	99.9779	99.9779
-	ARAUCO WOOD CHINA COMPANY LIMITED.	0.0000	99.9779	99.9779	99.9779
-	ARAUCOMEX S.A. DE C.V.	0.0000	99.9779	99.9779	99.9779
-	ARAUCOMEX SERVICIOS S.A. DE C.V.	0.0000	99.9779	99.9779	0.0000
-	CENTRO NACIONAL DE REPARACIÓN COLGAS S.A.	0.0000	50.5145	50.5145	50.5145
-	COLGAS DE OCCIDENTE S.A. ESP.	0.0000	0.0000	0.0000	50.5919
-	COMERCIAL INDUSTRIAL NACIONAL S.A.	0.0000	50.5919	50.5919	50.5919
-	COMPAÑIA TRANSPORTADORA DE COLOMBIA S.A.	0.0000	50.5919	50.5919	50.5919
-	COMPAÑIAS ASOCIADAS DE GAS S.A. ESPASOGAS	0.0000	0.0000	0.0000	50.5919
-	COPEC CANAL INC.	0.0000	100.0000	100.0000	100.0000
-	DURAGAS S.A.	0.0000	99.2023	99.2023	99.2023
-	EMPRENDIMIENTOS FLORESTAIS SANTA CRUZ LTDA.	0.0000	99.9559	99.9559	99.9559
-	FORESTAL NUESTRA SEÑORA DEL CARMEN S.A.	0.0000	99.9592	99.9592	99.9592
-	FORESTAL TALAVERA S.A.	0.0000	99.9730	99.9730	99.9730
-	GASAN DE COLOMBIA S.A. ESP.	0.0000	50.5145	50.5145	50.5145
-	GASES DE ANTIOQUIA S.A. ESP.	0.0000	0.0000	0.0000	50.5919
-	GREBAGRO S.A	0.0000	97.9557	97.9557	99.9597
-	INVERSIONES DEL NORDESTE S.A.	0.0000	0.0000	0.0000	50.5919
-	LEASING FORESTAL S.A.	0.0000	99.9589	99.9589	99.9589
-	MADERAS ARAUCO COSTA RICA S.A.	0.0000	99.9779	99.9779	99.9779
-	MAHAL EMPRENDIMIENTOS E PARTICIPACOES S.A.	0.0000	99.9710	99.9710	99.9710
-	MAPCO EXPRESS INC	0.0000	100.0000	100.0000	100.0000
-	NORTESANTANDEREANA DE GAS S.A. ESP	0.0000	50.5932	50.5932	50.5932
-	NOVO OESTE GESTAO DE ATIVOS FLORESTAIS S.A.	0.0000	99.9991	99.9991	99.9991
-	ORGANIZACIÓN TERPEL S.A.	0.0000	58.5100	58.5100	58.5100
-	ORIZON FOODS LLC.	0.0000	68.4141	68.4141	68.4141
-	SAVITAR S.A.	0.0000	99.9629	99.9629	99.9629
-	SEMAPESA	0.0000	99.1978	99.1978	99.1978
-	SERVICIOS DEL NORDESTE S.A.	0.0000	0.0000	0.0000	50.5919
-	SOLGAS AMAZONIA S.A.	0.0000	99.0609	99.0609	99.0609
-	SOLGAS S.A.	0.0000	99.2000	99.2023	99.2000

b) Non-controlling interests

The Group applies the policy of considering transactions with non-controlling interests as transactions with independent third parties. When non-controlling interests are acquired, the difference between the acquisition price and the corresponding interest in the book value of the affiliate's net assets is recognized in equity. Gains or losses on the disposal of non-controlling shares, whilst control is retained, are recognized in equity.

When the Group ceases to have control or significant influence, any retained interest in the entity is valued at fair value through profit and loss. Fair value is the initial value when subsequently accounted for as an associate, joint venture or financial asset. The amounts previously recognized in other comprehensive income are reclassified to net income.

c) Joint ventures

As from January 1, 2013 the IASB issued IFRS 11 "Joint arrangements" that classifies joint agreements into two types, based on the rights and obligations of the parties to the agreement, the structure, the legal framework, the contractual terms and other events and circumstances: 1) Joint ventures, where the parties have control over the agreement and rights over the net assets of the jointly controlled entity, which is accounted for using the equity method; and 2) Joint operations, where the parties have control over the transactions, rights over the assets and liabilities that relate to the agreement, in which the joint operator must acknowledge its assets, liabilities and transactions, including its stake in those that it jointly operates.

d) Associates

Associates are entities over which the Parent Company exercises significant influence but does not have control. This is generally the result of an ownership interest of between 20% and 50% of the voting rights. Investments in associates are accounted for using the *equity method* and they are initially recognized at cost. The book value of these investments is increased or decreased to recognize the corresponding share of net income for the period and comprehensive income. Investments in associates include purchased goodwill (net of any accumulated impairment loss).

The share of losses or gains subsequent to the acquisition of associates is recognized in income, and the share of other comprehensive income subsequent to the acquisition is recognized in other comprehensive income. When the Group's share of the losses of an associate is greater than or equal to its investment, including any unsecured accounts receivable, additional losses are not recognized, unless the Group has incurred legal obligations or made payments on behalf of the associate.

Unrealized gains on transactions between the Group and its associates are eliminated in proportion to the ownership interest in such associates. Unrealized losses are also eliminated, unless the transaction provides evidence of a loss due to the impairment of the transferred asset. The accounting policies of associates are amended when it is necessary to ensure that Group policies have been consistently adopted.

Investments in associates are described in Note 21.

2.3 Financial information of operating segments

IFRS 8 requires companies to adopt the "Management Approach" to disclose information about the results of their operating segments. In general, this is the information that Management uses internally to evaluate segment performance and to determine how to assign resources to segments. In this context Management means the Board of Directors.

A business segment is a group of assets and operations that supply products or services that are subject to risks and returns that differ from other business segments. A geographic segment provides products or services in a concrete financial environment that is subject to risks and returns that differ from other segments that operate in other financial environments.

The Company has chosen operating segments based on its main affiliates: Celulosa Arauco y Constitución S.A., Compañía de Petróleos de Chile Copec S.A., Abastible S.A., Sociedad Nacional de Oleoductos S.A. and Pesquera Iquique-Guanaye S.A.

Segment financial information is described in Note 30.

2.4 Transactions in currencies other than the functional currency

a) Functional currency and presentation currency

The entries included in the financial statements of each of the entities belonging to the Group are valued using the currency of the primary economic environment in which that entity operates ("functional currency"). The functional currencies of the Parent Company and the main affiliates and associates are presented in the table below:

Company	Functional currency
Empresas Copec S.A.	US dollar
Celulosa Arauco y Constitución S.A.	US dollar
Compañía de Petróleos de Chile Copec S.A.	Chilean peso
Abastible S.A.	Chilean peso
Pesquera Iquique- Guanaye S.A.	US dollar
Sociedad Nacional de Oleoductos S.A.	Chilean peso
Metrogas S.A.	Chilean peso
Aprovisionadora Global de Energía S.A.	US dollar
Inversiones Laguna Blanca S.A.	US dollar
Minera Camino Nevado Ltda.	US dollar
Alxar Internacional SpA	US dollar
Inmobiliaria Las Salinas Ltda.	Chilean peso

The consolidated financial statements are presented in U.S. dollars, which is the functional currency of Empresas Copec S.A. The affiliates of the forestry and fishing sectors, whose functional currency is the US dollar, represent 66.3% of consolidated assets, 76.2% of its liabilities, 48.1% of its gross margin and 60.8% of its EBITDA. These are predominantly export sectors, and consequently, the majority of their revenue is denominated in US dollars. Likewise, a significant portion of their costs are indexed to the US dollar, and their financial liabilities are also US dollar-denominated. Both sectors perform their accounting in US dollars.

b) Transactions and balances

Transactions in currencies other than the functional currency are converted to the functional currency using the exchange rates prevailing as of the dates of the transactions. Losses and gains in foreign currency that arise from the settlement of these transactions and the conversion of foreign-currency-denominated monetary assets and liabilities to the period-end exchange rates are recognized in income, except when they are deferred to net equity, as is the case with cash flow hedges and net investment hedges.

Changes in the fair value of monetary securities denominated in foreign currencies that are classified as held for sale are categorized as exchange differences resulting from changes in the amortized cost of the security or other changes in the book value of the security. Exchange differences are recognized in income for the period, and other changes in the book value are recognized in net equity.

Exchange differences for non-monetary items such as equity instruments at fair value through profit and loss are presented as part of the gain or loss in fair value. Exchange differences from non-cash items, such as equity instruments classified as financial assets held-for-sale, are included in equity, in the revaluation reserve.

c) Group entities

The income and financial position of all of the entities belonging to Empresas Copec Group (none of which uses the currency of a hyperinflationary economy) that have a functional currency other than the presentation currency are converted to the presentation currency as follows:

- i. Assets and liabilities of each statement are converted at the exchange rates as of the reporting date;
- ii. The income and expenses of each account are converted at average exchange rates (unless the average is not a reasonable approximation of the cumulative effect of exchange rates as of the transaction dates, in which case the income and expenses are converted on the transaction dates); and
- iii. All resulting exchange differences are recognized in comprehensive income.

In consolidation, exchanges differences arising from the conversion of a net investment in foreign entities, or from foreign-currency-denominated loans and other instruments designated as hedges for those investments, are recorded in net equity. When the investments are sold, the resulting exchange differences are recognized in income as part of the loss or gain on the sale.

Adjustments to goodwill and fair value that arise from the acquisition of a foreign entity, or an entity with a functional currency other than the US dollar, are treated as assets and liabilities belonging to the foreign entity and are converted at the exchange rate as of the reporting date.

d) Translation basis

Assets and liabilities denominated in Chilean pesos, Unidades de Fomento or UF, which is an indexed Chilean peso currency, and other currencies have been converted in US dollars at the exchange rate as of the closing date of the consolidated financial statements, as follows:

Exchange rates to the US dollar	12.31.2019	12.31.2018
Chilean peso (CLP)	748.74	694.77
Argentinean pesos (AR\$)	59.83	37.74
Brazilian real (BR\$)	4.01	3.87
Unidad de Fomento (UF)	0.026	0.025
Euro (€)	0.89	0.87
Colombian pesos (COP\$)	3,271.55	3,239.45
Peruvian nuevo sol (PS/.)	3.31	3.37

2.5 Property, plant and equipment

Property, plant and equipment mainly includes forestry lands, production and storage plants, retail sales branches, service stations, offices and construction works in progress. These items are presented at historical cost less the corresponding depreciation.

Historical cost includes expenses that are directly attributable to the acquisition of the asset.

Subsequent costs are added to the initial value of the asset or they are recognized as a separate asset, only when it is likely that the future financial benefits associated with these components will flow to the Company and the cost of the component can be reliably determined. The value of the component that was substituted is written off for accounting purposes. Other repairs and maintenance are charged to income for the period in which they are incurred.

Depreciation is calculated using the *straight-line method*, including any impairment adjustments. The amount presented in the consolidated statement of financial position represents the cost less accumulated depreciation and any impairment losses.

The average estimated useful lives of the main asset categories are as follows:

	Average Useful Life
Buildings and construction	54
Plant and equipment	24
IT equipment	5
Fixtures and fittings	15
Motor vehicles	6
Other property, plant and equipment	20

The residual value and useful lives of assets are reviewed, and adjusted if necessary, at the end of each annual reporting period.

When the book value of an asset exceeds its estimated recoverable amount, the book value is immediately reduced to the recoverable amount.

Losses and gains on the sale of property, plant and equipment are calculated by comparing the proceeds obtained with the book value, and they are recorded in the statement of comprehensive income.

Costs can also include losses and gains on qualified foreign currency cash flow hedges on the purchase of property, plant and equipment.

2.6 Biological assets

IAS 41 requires biological assets to be presented in the statement of financial position at fair value. Standing plantations are recorded at fair value less the estimated costs at harvesting, considering that the fair value of these assets can be reliably measured.

The valuation of plantations is based on discounted cash flow models, which means that the fair value of biological assets is calculated using cash flows from continuing operations, that is, on the basis of sustainable forestry management plans considering the growth potential of these plantations. This valuation is performed on the basis of each stand identified and for each type of tree species.

The plantations presented in current assets are plantations that will be harvested and sold in the short term.

Biological growth and changes in fair value are recognized in the consolidated income statement under Other income by function.

The valuation of biological assets is described in Note 7.

2.7 Investment property

Investment properties are held to earn a long-term return, and they are not occupied by the Group. Investment property is accounted for at historical cost.

Lands held under operating lease contracts are classified as and accounted for as real estate investments when they meet the remaining conditions for a real estate investment.

Real estate investments also include lands whose future use has not yet been determined as of the reporting date.

2.8 Intangible Assets

a) Goodwill

Goodwill represents the excess of the acquisition cost over the fair value of the Company's share of the net identifiable assets of the acquired affiliate on the acquisition date.

Goodwill that is recognized separately is tested for impairment on an annual basis or more frequently when events or circumstances indicate potential impairment, and is valued at cost less accumulated impairment losses. Gains and losses on the sale of an entity include the book value of goodwill related to the entity being sold.

Goodwill is assigned to Cash Generating Units (CGUs) in order to test for impairment losses. The assignment is made to the CGUs that are expected to benefit from the business combination that gave rise to the goodwill.

b) Patents and trademarks

Industrial patents are valued at historical cost. They have a finite useful life and are measured at cost less accumulated amortization. Amortization is calculated linearly over their expected useful lives.

Trademarks acquired through business combinations are measured at fair value at the date of acquisition. The fair value of an intangible asset reflects expectations about the likelihood that future economic benefits embodied in the asset will flow to the entity. The Company has determined that such intangible assets have indefinite useful lives and therefore are not subject to amortization. However, by the nature of these assets with indefinite useful lives, they are reviewed and tested for impairment annually and at any time when there is an indication that the asset may be impaired.

c) Concessions and other rights

Concessions and other rights are presented at historical cost. They have a finite useful life and are recorded at cost less accumulated amortization. Amortization is calculated using the straight-line method over the terms established in the contracts.

d) Fishing rights

Authorizations for fishing activities are presented at historical cost. There is no finite useful life for the use of such rights, and therefore they are not subject to amortization. The affiliate tests intangible assets with indefinite useful lives for impairment on an annual basis and every time there is an indication that the intangible asset may be impaired. If detected, the Company adjusts their value with a charge to net income.

e) Water rights

Water rights acquired from third parties are presented at historical cost. There is no finite useful life for the use of these rights, and therefore they are not subject to amortization. The Company tests intangible assets with indefinite useful lives for impairment on an annual basis and every time there is an indication that the intangible asset may be impaired. If detected, the Company adjusts their value with a charge to net income.

f) Easements

Easement rights are presented at historical cost. There is no finite useful life for the use of these rights, and therefore they are not subject to amortization. The Company tests intangible assets with indefinite useful lives for impairment on an annual basis and every time there is an indication that the intangible asset may be impaired. If detected, the Company adjusts their value with a charge to net income.

g) Mining properties

Mining properties are presented at historical cost. There is no finite useful life for the use of these rights, and therefore they are not subject to amortization. The Company tests intangible assets with indefinite useful lives for impairment on an annual basis and every time there is an indication that the intangible asset may be impaired. If detected, the Company adjusts their value with a charge to net income.

h) IT programs

The costs of acquiring software licenses and preparing them to operate a specific program are capitalized. These costs are amortized over their estimated useful lives.

Expenses related to the development or maintenance of software programs are recognized as expenses when they are incurred. The costs directly related to the production of unique and identifiable software programs that are likely to generate financial benefits in excess of their costs for more than one year, are recognized as intangible assets. Direct costs include the expenses of the personnel that develop software programs, as well as an appropriate percentage of general expenses.

Development costs for IT programs recognized as assets are amortized over their estimated useful lives, which shall not exceed five years.

i) Research and development expenses

Research expenses are recognized as expenses when they are incurred. Costs incurred on development projects related to the design and testing of new or improved products are recorded as an intangible asset when the following requirements are met.

- It is technically feasible to fully produce the intangible asset, to the point where it can be used or sold.
- Management intends to complete the intangible asset, and to use or sell it.
- The Company can use or sell the intangible asset.
- The Company can demonstrate how the intangible asset is likely to generate financial benefits in the future.
- The technical, financial or other resources necessary to complete the development and to use or sell the intangible asset are available; and
- The expenditure attributable to developing it can be reliably measured.

Other development expenses are recognized as expenses when they are incurred. Development costs previously recognized as expenses are not recognized as assets in a subsequent period. Development projects with a finite useful life that have been capitalized are amortized using the straight-line method, from the date commercial production commences, over the period during which they are expected to generate benefits, which shall not exceed 10 years.

Development assets are tested for impairment losses annually, in accordance with IAS 36.

2.9 Interest costs

Interest costs incurred to construct any qualified asset are capitalized over the period required to complete and prepare the asset for its intended use. Other interest costs are recorded in the consolidated income statement by function.

2.10 Impairment losses for non-financial assets

Assets with an indefinite useful life are not amortized and they are tested for impairment losses annually. Assets that are amortized are tested for impairment losses when an event or change in circumstances indicates that the book value may not be recoverable. An impairment loss is recognized for the excess of the asset's book value over its recoverable amount. The recoverable amount is the greater of the fair value of an asset less its selling costs, or its value in use. In order to evaluate impairment losses, assets are grouped at the lowest level at which they separately generate identifiable cash flows (cash generating units).

Non-financial assets other than goodwill that have suffered impairment losses are reviewed as of each annual reporting date to see if the losses have been reversed.

2.11 Financial Instruments

IFRS 9 "Financial Instruments" came into force with effect from January 1, 2018, replacing IAS 39 "Financial Instruments: Recognition and Measurement". This standard amends the classifications of financial instruments, their impairment criteria and establishes new criteria for assigning hedging instruments.

2.11.1 Financial assets

Classification

The Group classifies its financial assets based on the applicable business model, and their contractual cash flows.

Financial assets are classified into the following categories: financial assets at fair value through profit and loss, financial assets at amortized cost, and financial assets at fair value through comprehensive income. This classification depends on the purpose for which the financial assets were acquired. Management determines the classification of financial assets at initial recognition and reviews this classification at each reporting date.

a) Financial assets at fair value through profit and loss

Financial assets at fair value through profit and loss are financial assets held for investment purposes. A financial asset is classified in this category if acquired principally to sell in the short term.

Derivatives are also classified as acquired for investment purposes, unless they are designated as hedges. Assets in this category are classified as current assets, and the liability position of these instruments is presented in the Consolidated Statement of Financial Position under "Other financial liabilities."

Acquisitions and disposals of financial assets are recognized as of the date on which the Company commits to the acquisition or sale of the asset.

These assets are initially recorded at cost and subsequently their value is updated on the basis of their fair value, with changes in value being recognized in net income.

b) Financial assets at amortized cost

A financial asset is measured at amortized cost when it meets the following two conditions:

- i. The asset uses a business model whose objective is to hold the assets in order to collect contractual cash flows.
- ii. The contractual terms of the financial asset give rise to cash flows on specified dates that are solely payments of principal, and interest on the principal outstanding.

Trade and other receivables are classified in this category and initially recorded at fair value (nominal value including implicit interest), and they are subsequently recorded at their amortized cost using the effective interest rate method, less any impairment losses. When the nominal value of the account receivable does not differ significantly from its fair value, the account is recognized at its nominal value.

Implicit interest must be disaggregated and recognized as financial income, to the extent that interest is being accrued.

c) Financial assets at fair value through comprehensive income

A financial asset is measured at fair value through comprehensive income when it meets the following two conditions:

- i. The financial asset uses a business model whose objective is to receive contractual cash flows and selling financial assets.
- ii. The contractual terms of the financial asset give rise to cash flows on specified dates that are solely payments of principal, and interest on the principal outstanding.

Recognition and measurement

Acquisitions and disposals of investments are recognized on the transaction date, or when the transaction is closed, which is the date when the Company commits to acquire or sell the asset. Investments are initially recognized at fair value plus the transaction costs for all financial assets not recorded at fair value through profit and loss. Financial assets at fair value through profit and loss are initially recognized at fair value, and their transaction costs are expensed.

Investments are written off for accounting purposes when the rights to receive cash flows from the investments have expired and/or been transferred and/or all of the risks and rewards of ownership have been substantially transferred. Financial assets held for sale and financial assets that are booked at fair value with changes taken to net income are recorded later at their fair value. Loans and receivables are accounted for at their amortized cost, in accordance with the effective interest method.

The fair value of investments in publicly traded securities is based on current purchase prices. If the market for a financial asset is not liquid (and for securities that are not publicly traded), fair value is determined using valuation techniques that include the use of recent arm's length transactions between knowledgeable, willing parties and that involve other instruments that are substantially the same; the analysis of discounted cash flows; and options price-setting models. In these cases market-based inputs are used to the greatest extent possible, whereas inputs specific to the entity are relied on as little as possible. In the event that none of the abovementioned techniques can be used to determine the fair value, the investments are recorded at acquisition cost net of any applicable impairment losses.

As of each reporting date, an evaluation is performed to determine whether there is objective evidence that a financial asset or group of financial assets may have been impaired. In order to determine whether capital securities classified as held for sale are impaired, the Company must determine whether there has been a

significant or prolonged decrease in the fair value of the securities to below cost. If there is any such evidence for financial assets held for sale, the cumulative loss defined as the difference between the acquisition cost and the current fair value, less any impairment loss previously recognized in gains or losses, is removed from equity and is recognized in net income. Impairment losses recognized in income for equity instruments are not reversed through the consolidated statement of net income.

Impairment

The Group performs a risk analysis based on the historical portfolio collection experience, which is adjusted for macroeconomic variables in order to obtain sufficient information to estimate and thus determine whether or not there is an impairment loss on the portfolio.

Therefore, the debtor's impairment provision is based on expected losses.

2.11.2 Financial liabilities

Financial liabilities are measured at amortized cost, except when they are measured at fair value through profit and loss or other specific cases. The Group has two classifications for financial liabilities.

Trade and other payables

Trade payables are initially recognized at fair value and subsequently at their amortized cost using the effective interest method. When the nominal value of the account payable does not differ significantly from its fair value, the account is recognized at its nominal value.

Other financial liabilities valued at amortized cost

Obligations to banks and financial institutions are initially recognized at fair value, net of any costs incurred in the transaction. Subsequently, third-party resources are valued according to their amortized cost; any difference between the proceeds (net of any necessary costs) and the reimbursement value is recognized in the consolidated statement of income during the term of the debt, in accordance with the effective interest method. The effective interest method involves applying the referential market rate for debts with similar characteristics to the debt (net of any costs to obtain it).

Third-party resources are classified as current liabilities unless the Group has an unconditional right to defer settlement for at least 12 months after the reporting date.

2.11.3 Derivative financial instruments and hedges

Derivative financial instruments are initially recognized at fair value as of the date on which the derivative contract was executed, and they are subsequently revalued at fair value. Derivatives are designated as:

- a) Fair value hedges for recognized liabilities (fair value hedge);

- b) Hedges for a specific risk associated with a recognized liability or a highly probable forecast transaction (cash flow hedge); or
- c) Hedges for a net investment in a foreign operation (net investment hedge).

The relationship between the hedging instruments and the hedged entries are documented at the beginning of the transaction, along with the risk management objectives and the strategy to manage several hedging transactions. The initially and ongoing evaluation of whether the derivatives used in hedging transactions are highly effective at offsetting changes in fair value or the cash flows of the hedged entries is also documented.

The total fair value of the hedging derivatives is classified as a non-current asset or liability if the remaining term of the hedged entry is greater than 12 months, and as a current asset or liability if the remaining term of the hedged entry is less than 12 months. Traded derivatives are classified as current assets or liabilities.

The effective portion of changes in the fair value of cash flow hedges are recognized in the Statement of Other Comprehensive Income. The gain or loss related to the ineffective portion is immediately recognized in income under "Other operating income" or "Other miscellaneous operating expenses," respectively.

When a hedging instrument expires or is sold, or when it ceases to fulfill the criteria to be recognized using the accounting treatment for hedges, any accumulated gain or loss in equity as of that date remains in equity and is recognized when the forecast transaction affects the statement of income. When the forecast transaction is no longer expected to take place, the accumulated gain or loss in equity is immediately transferred to the statement of income.

2.12 Inventories

Inventory is valued at the lower of cost or net realizable value. Compañía de Petróleos de Chile Copec S.A. calculates cost using the FIFO (first in first out) method for fuels, and the weighted average price method for lubricants and other products. The cost of inventories in Organización Terpel S.A. and affiliates is calculated using the weighted average price method.

The cost of finished products and of products in progress at other companies includes the costs of design, raw materials, direct labor, other direct costs and general manufacturing expenses, but does not include interest costs.

The initial costs of harvested timber at Celulosa Arauco y Constitución S.A. are based on fair value less the selling costs following harvesting.

Biological assets are transferred to inventory as forests are harvested.

Net realizable value is the estimated sales price in the normal course of business, less any costs to complete production, less any applicable variable sales costs.

As of the date of these consolidated financial statements, there is no inventory pledged as collateral.

When the manufacturing costs of a product exceed its net realizable value as a result of market conditions, a provision is recorded for the difference. Such a provision also considers amounts related to obsolescence from low turnover and technical obsolescence.

Minor spare parts to be consumed in a 12 month period are shown under inventories and are recorded in expenses in the period in which they are consumed.

2.13 Cash and cash equivalents

Cash and cash equivalents include cash in bank accounts, term deposits at financial institutions, mutual funds and other highly liquid short-term investments with an original term of three months or less, that are not likely to suffer changes in value.

2.14 Capital

Share capital is 1,299,853,848 single-series ordinary shares (See Note 23).

Incremental costs directly attributable to the issuance of new shares are presented in net equity as a deduction, net of taxes, from the proceeds obtained.

The Parent Company's dividend policy is to distribute 40% of net distributable profits, as defined in Note 23, on an annual basis. This policy is confirmed each year at the Shareholders' Meeting.

Dividends on ordinary shares are recognized as a decrease in accumulated reserves as the benefit to shareholders accrues.

The item "Other reserves" in equity mainly consists of translation adjustment reserves and hedge reserves. Empresas Copec S.A. does not have any restrictions associated with these reserves.

The translation reserve consists of the foreign currency translation differences of Group affiliates that use a functional currency other than the US dollar.

Hedge reserves are the effective portion of the gain or loss on hedge swap contracts as of the date of these consolidated financial statements.

2.15 Income tax and deferred tax

a) Income tax

The income tax expense for the year is calculated on income before taxes, which is increased or decreased, as appropriate, for the permanent and temporary differences provided by tax legislation when calculating taxable income.

b) Deferred tax

Deferred taxes are calculated in accordance with IAS 12 using the liability method, over temporary differences that arise between the tax value of assets and liabilities and their book value in the consolidated financial statements. Deferred taxes are determined using the approved tax rates or almost approved as of the reporting date and that are expected to apply when the corresponding deferred tax asset is realized or the deferred tax liability is settled.

Deferred tax assets are recognized to the extent that it is likely that there will be future tax benefits available to use the temporary differences.

Deferred taxes are recognized over differences that arise in investments in affiliates and associates, except in those cases where the date on which temporary differences are reversed can be controlled by the Group and it is likely that such differences will not be reversed in the foreseeable future.

The Company reviews its deferred tax assets and liabilities at each reporting date, in order to determine whether they remain current and make any necessary corrections based on the results of this analysis.

According to the tax reform established by Law 20,780 and Law 20,899, Empresas Copec Group income is subject to the partially integrated regime by default. This results in a corporate tax rate of 25.5% applying for 2017 and 27% for 2018 and subsequent years.

Therefore, deferred taxes in Chile as of December 31, 2018 and as of December 31, 2019 have been calculated using the tax rate applicable when the temporary differences reverse, being 27%.

2.16 Employee benefits

a) Staff vacations

The Group recognizes the expense for staff vacations using the *accrual method*, and the expense is recorded at its nominal value.

Certain affiliates recognize a vacation bonus expense, where there is a contractual obligation to general staff, and this obligation is a fixed amount, in accordance with employment contracts. This vacation bonus is recorded as an expense when the employee uses his or her vacation time, and it is recorded at nominal value.

b) Production bonuses

The Group recognizes a provision when it is contractually obligated to do so or when past practice has created an implicit obligation and it is possible to reliably estimate the obligation. This bonus is recorded at its nominal value.

c) Staff severance indemnities

The liability recognized in the statement of financial position is the present value of the obligation for defined benefits as of the reporting date. Such value is calculated annually by independent actuaries, and it is determined by discounting the estimated future outflows of cash at interest rates on instruments denominated in the currency in which such benefits will be paid and with terms similar to those of the corresponding obligations.

Losses and gains that arise from experience and from changes in the actuarial assumptions are charged or credited to income for the period in which they occur.

Costs for past services are immediately recognized in the statement of income.

2.17 Provisions

Provisions are recognized when a legal or implicit obligation arises as a result of past events, where a reliably estimated payment is likely to settle the obligation. The amount is the best possible estimate at each reporting date.

Provisions are valued at the present value of the expected disbursements to settle the obligation using the best estimate available. The discount rate utilized to determine the present value reflects current market estimates of the time value of money as of the reporting date, and any specific risk related to the obligation.

2.18 Revenue recognition

Revenue is recorded at the fair value of the consideration received or receivable derived from that revenue. The Group analyzes all the relevant events and circumstances when applying each step of the IFRS 15 model to contracts with its customers: (i) contract identification, (ii) performance obligations identification, (iii) the transaction price, (iv) price assignment, and (v) revenue recognition. The Company also assesses the incremental costs of agreeing a contract and costs directly related to complying with a contract. The Group recognizes revenue when the steps set out in the IFRS have been successfully completed.

a) Revenue recognition from the sale of goods

Revenue from the sale of goods is recognized when an entity has transferred to the buyer control over those goods, when the revenue can be reliably quantified, when the Company cannot influence the management of those goods, when it is likely that the financial benefits of the transaction will be received by the Group and when the transaction costs can be reliably measured.

Revenue from sales are recognized based on the price established in the sales contract, net of volume discounts as of the date of the sale. There is no significant financing component, as sales have a short average payment term, which is in line with market practice.

b) Revenue recognition from providing services

Revenue from providing services is recognized when the performance obligation has been satisfied.

Revenue is accounted for considering the degree of completion of the service at the closing date, when the Company has an enforceable right to payment for the services provided.

2.19 Leases

Empresas Copec S.A. and its affiliates apply IFRS 16 to recognize leases in a manner consistent with contracts with similar characteristics and similar circumstances.

The Group's affiliates assess whether the contract contains a lease when the contract begins. A contract contains a lease if transfers the right to control an asset over a period of time, in exchange for a fee.

When the lease is initially recognized, the lessee recognizes the right to use an asset at cost.

The cost of the right to use an asset comprises:

- The initial measurement of the lease liability. This measurement is the present value of unpaid lease payments as of that date. Lease payments are discounted using the incremental interest rate for financial loans.
- Lease payments on or before the initial date, less any lease incentives received.
- Initial direct costs incurred by the lessee.
- An estimate of the lessee's costs to dismantle and eliminate the underlying asset, restore its location or restore the underlying asset to the condition required by the terms and conditions of the lease, unless such costs are incurred to produce inventory. The lessee incurs obligations as a result of these costs either at the initial date or as a result of having used the underlying asset during a specific period.

After the initial date, the lessee recognizes its right-of-use assets using the cost model, less accumulated depreciation, accumulated impairment losses and adjusted for any amended measurement of the leasing liability.

On the initial date, the lessee measures the leasing liability as the present value of the unpaid lease payments as of that date. Lease payments are discounted using the incremental interest rate for financial loans.

After the initial date, the lessee recognizes the leasing liability by increasing its book value to reflect any interest on leasing liabilities, reducing its book value to reflect any lease payments, changing its book value to reflect any new measurements and any essentially fixed lease payments that have been reviewed.

The Group presents its right-of-use assets in the consolidated statement of financial position within property, plant and equipment as described in Note 13. Its leasing liabilities are presented in the consolidated statement of financial position in other current and non-current financial liabilities as leasing liabilities as described in Note 14.

Operating lease income where the Group is the lessor is recognized on a straight-line basis over the term of the lease. Any initial direct costs are added to the book value of the underlying asset and are recognized as an expense over the life of the lease on the same basis as the lease income. The respective leased assets are included in the statement of financial position in property, plant and equipment. The Group did not adjust the assets it owns as a lessor as a result of adopting IFRS 16.

The Group applied IFRIC 4 until December 31, 2018 to determine whether an agreement was a lease or contained one. When the Group assumed substantially all risks and rewards of ownership, they were classified as finance leases. All other leases were classified as operating leases.

Finance leases were capitalized at the beginning of the lease at the lower of the fair value of the leased property or at the present value of the minimum lease payments.

When the assets are leased under a finance lease, the present value of the lease payments is recognized as a financial account receivable. The difference between the gross amount receivable and the present value of the lease is recognized as a financial return on capital.

Empresas Copec S.A. and affiliates evaluate the financial basis of contracts that grant the a right to use specific assets, to determine whether these are implicit leases. If so, the Group separates payments and receipts relating to the lease from those relating to other items in the contract, on the basis of their relative fair values at the beginning of the contract.

2.20 Non-current assets held for sale

The Group classifies as non-current assets held for sale any property, plant and equipment, intangible assets, investments in associates and groups subject to divestment (groups of assets to be disposed of together with their directly associated liabilities), which are in the process of being sold and this outcome is considered highly probable at the reporting date.

These assets or groups subject to divestment are valued at the lower of their book value or estimated sale value less selling costs, and are no longer amortized from the time they are classified as non-current assets held for sale.

2.21 Dividend distribution

The distribution of dividends to the Company's shareholders is recognized as a liability in the consolidated financial statements to the extent that the benefit is accrued, in accordance with the Company's dividend policy.

Article 79 of Chilean Corporate Law establishes that listed corporations should distribute an annual cash dividend to their shareholders, in proportion to their shares or the proportion established in the company's statutes if it has preference shares, of at least 30% of net income for each period, except when accumulated losses from prior years must be absorbed, and unless unanimously agreed otherwise by shareholders of all issued shares.

The Company's current dividend policy is to distribute to shareholders no less than 40% of annual net distributable income as dividends, as defined in Note 23.

During the last quarter of each year the Board shall decide whether to distribute an interim dividend. Such interim dividend is paid in December to the extent that the year-end results are expected to be positive and that the Company's available cash flow allows for such a distribution.

2.22 Environment

Disbursements relating to improvements and investments in production processes that improve environmental conditions are recorded as expenses for the period in which they are incurred. When such disbursements are part of capital projects, they are added to property, plant and equipment (see Note 29).

The group has established the following types of disbursements for environmental protection projects:

- a) Disbursements relating to improvements and investments in production processes that improve environmental conditions.
- b) Disbursements relating to verification and control of regulations and laws covering industrial processes and facilities.
- c) Other disbursements that affect the environment.

2.23 Business combinations

Business combinations are accounted for using the *acquisition method*. This involves recognizing identifiable assets (including intangible assets that have not been recognized previously) and liabilities (including contingent liabilities and excluding future restructuring) of the acquired business at fair value.

Purchased goodwill acquired in a business combination is initially measured at cost, which is the excess of the cost of the business combination over the company's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities at acquisition. After initial recognition, purchased goodwill is measured at cost less any accumulated impairment losses. For the purpose of impairment tests, purchased goodwill acquired in a business combination is assigned from the date of acquisition to each cash generating unit or group of cash generating units that are expected to benefit from the synergies of the combination, regardless of whether other Group assets or liabilities are assigned to those units or groups of units.

If the acquisition cost is less than the fair value of the net assets of the acquired affiliate, the difference is directly recognized in income and immediately recognized under "Other gains (losses)."

Transaction costs are treated as expenses at the time they are incurred. When business combinations are carried out in stages, the fair value of the acquired company is measured at each opportunity and the effects of changes in the share of net income are recognized in the period in which they occur.

2.24 Loyalty program

The indirect affiliate Mapco Express Inc. has a customer loyalty program, where customers can accumulate points that are subsequently redeemed against products offered by the same company. Therefore, the Company values a deferred income liability based on the outstanding accumulated points at the reporting date, together with an estimate of the points that are not likely to be redeemed ("breakage").

2.25 Impairment

Non-financial assets

The recoverable amount of property, plant and equipment and other long-term assets with finite useful lives are measured whenever there is an indication that the value of an asset might be impaired. Factors that could indicate a decline in the market value of an asset include: significant changes in the technological environment, the asset becomes obsolete, the asset is physically damaged, the use or expected use of the asset changes with the possibility that the asset falls into disuse, and other factors. The Company evaluates whether there is any such evidence at each reporting date.

A previously recognized impairment loss can be reversed if there has been a change in the estimated recoverable amount. However, the reversal cannot be greater than the amount recognized in previous years.

Assets are grouped at the lowest level at which they separately generate identifiable cash flows for each cash generating unit, in order to evaluate impairment losses. Non-financial assets other than goodwill that have been impaired are reviewed at every reporting date to identify whether any reversals have occurred.

"Cash-generating units" are the smallest identifiable group of assets whose continued use generates cash inflows that are largely independent of those generated by other assets or groups of assets.

Goodwill

Goodwill and intangible assets with indefinite useful lives are tested annually or when circumstances so indicate. The recoverable value of an intangible asset is estimated as the higher of the asset's net selling price and its value in use. An impairment loss is recognized when the book value exceeds the recoverable value.

A cash generating unit to which goodwill has been allocated is tested for impairment every year, or more often if there is any indication that the unit may be impaired. If the recoverable value of the cash generating unit is less than its book value, the impairment loss is first allocated to reduce the book value of any goodwill allocated to the unit and then is proportionally allocated to other assets within the unit based on the book value of each asset. Any impairment loss for goodwill is recognized directly in the statement of income. Impairment losses recognized for goodwill are not reversed in subsequent periods.

Goodwill is assigned to cash-generating units for the purpose of impairment testing. It is distributed between those cash-generating units or groups of cash-generating units that are expected to benefit from the business merger that generated the goodwill.

2.26 Statement of cash flows

The statement of cash flows reflects cash movements during the period, determined using the direct method. The following terms are used in these cash flow statements.

- Cash flows: receipts and payments of cash or cash equivalents including highly liquid investments with a maturity of less than three months that are unlikely to suffer changes in value.
- Operating activities: these are the main revenue-producing activities of the Group and include other activities that are not investing or financing activities.
- Investing activities: these are the acquisition or disposal of long-term assets and other investments not included in cash equivalents.
- Financing activities: these produce changes in the size and composition of net equity and financial liabilities.

2.27 Earnings per share

Basic earnings per share is calculated as the quotient of the net income for the period attributable to the Company divided by the average weighted number of ordinary shares outstanding during that period, without including the average number of shares of the Company held by any affiliates, should that be the case. The Company and its affiliates have not undertaken any potentially diluting transactions of any kind that would result in the diluted earnings per share differing from basic earnings per share.

2.28 Classification of current and non-current balances

In the accompanying consolidated statement of financial position, balances to be recovered or settled within 12 months are classified as current items and those to be recovered or settled in more than 12 months as non-current items.

If there are obligations whose maturities are less than twelve months, but whose long-term refinancing is guaranteed at the discretion of the Company through loan agreements unconditionally available with long-term maturities, these obligations could be classified as long-term liabilities.

2.29 Offsetting balances and transactions

As a general rule, assets and liabilities, or income and expenses, may not be offset unless offsetting is required or permitted by a standard and reflects the substance of the transaction.

Income and expenses originating from transactions that, for contractual or legal reasons, consider the possibility of offsetting and for which the Company intends either to settle on a net basis, or to recover the asset and settle the liability simultaneously, are stated net in the statement of comprehensive income and the statement of financial position. The consolidated financial statements as of December 31, 2019 and 2018, do not reflect any offset income and expenses in the statement of comprehensive income.

NOTE 3. FINANCIAL INSTRUMENTS**3.1 Cash and Cash Equivalents**

Group cash and cash equivalents are detailed as follows:

Cash and Cash Equivalents	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Bank balances	531,414	577,532
Short-term deposits	762,508	578,593
Mutual funds	901,647	553,258
Overnight investments	2,811	4,412
Other cash & cash equivalents	16,507	8
Total	2,214,887	1,713,803
Reconciliation of cash and cash equivalents in statement of financial position to cash and cash equivalents in cash flow statement		
Other reconciling items for cash and cash equivalents	0	0
Total reconciling items for cash and cash equivalents	0	0
Cash and cash equivalents	2,214,887	1,713,803
Cash and cash equivalents in cash flow statement	2,214,887	1,713,803

The amortized cost of these financial instruments does not differ from their fair value.

Cash and cash equivalents correspond to cash, cash in banks, term deposits and mutual funds. These investments are readily convertible to cash in the short term and the risk of significant changes in value is low. The valuation of term deposits is calculated using the accrued purchase rate of each document.

As of December 31, 2019, the Group has approved lines of credit amounting to approximately US\$2,759 million (US\$1,938 million as of December 31, 2018).

As of December 31, 2019 and 2018, there are no significant restrictions to these funds.

3.2 Other Financial Assets

- a) This category includes the following financial assets at fair value through profit and loss:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Mutual funds	636	654
Fixed income instruments	115,029	191,054
Derivative financial instruments		
Forwards	5,359	10,680
Swaps	117	203
Other financial assets (*)	3,777	17,252
Total other current financial assets	124,918	219,843

(*) The balance as of December 31, 2018 is primarily due to the balance receivable for the sale of shares in Distribuidora Andina de Combustibles (formerly ExxonMobil Colombia S.A.) to autonomous entities, in accordance with the conditions required by the Colombian Superintendent of Industry and Commerce (SIC).

- b) Non-current financial assets at fair value through profit and loss are classified as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Equity instruments (shares)	39,255	1,100
Derivative financial instruments		
Forwards	4,578	935
Swaps	59,831	75,981
Other financial assets (*)	4,408	5,831
Total other non-current financial assets	108,072	83,847

(*) Non-current other financial assets are mainly deposits with fiduciary responsibility, by the indirect affiliate Nortesantandereana de Gas S.A.E.S.P (formerly Inversiones del Nordeste S.A.S.)

Financial assets at fair value includes fixed-income instruments (corporate bonds, mortgage bonds, bank bonds, term deposits and other similar items) that are managed on behalf of the company by third parties ("outsourced portfolios"). These assets are recorded at fair value, changes in value are recognized in income, and the assets are held for the purposes of liquidity and returns. Mutual funds are valued at unit market value at the reporting date.

Swaps are mainly cross currency swap hedging instruments contracted to hedge exposure to the exchange rate, which arises from having debts in currencies other than the functional currency.

Forwards are initially recognized at fair value on the date on which the contract is subscribed, and they are subsequently revalued at fair value. Forwards are recorded as assets when their fair value is positive and as liabilities when their fair value is negative.

The fair value of foreign exchange forward contracts is calculated by reference to current foreign exchange rates from contracts with similar maturity profiles.

The Group does not have any investments held-to-maturity as of December 31, 2019 and 2018.

3.3 Trade and Other Receivables

a) This category contains the following balances:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Trade receivables	1,556,442	1,805,015
Less: Impairment allowance on trade receivables	(53,291)	(57,491)
Trade receivables, net	1,503,151	1,747,524
Other receivables	200,719	258,916
Less: Impairment allowance on other receivables	(8,063)	(7,159)
Other receivables, net	192,656	251,757
Total	1,695,807	1,999,281
Less: Non-current portion	19,870	28,399
Current portion	1,675,937	1,970,882

Trade and other receivables are classified as current assets except for those assets maturing in more than 12 months. Those assets maturing in more than 12 months are recorded at amortized cost using the effective interest method and are tested for impairment.

Trade receivables represent enforceable rights arising from normal business transactions, where normal is defined as the Group's habitual transactions.

Other receivables are receivables from sales, services or loans outside of the normal course of business.

Implicit interest is disaggregated and recognized as financial income as it accrues.

The allowance is the difference between the asset's book value and the present value of the estimated future cash flows, discounted at the effective interest rate.

The creation and reversal of the receivables impairment allowance has been included as the "Doubtful receivables allowance expense" in the consolidated statement of income under Administration Expenses.

The amortized cost of these financial instruments does not differ from their fair value.

b) Trade and Other Receivables includes:

Trade and other receivables	Balance as of 12.31.2019											
	Portfolio not overdue	Overdue 1-30 days	Overdue 31-60 days	Overdue 61-90 days	Overdue 91-120 days	Overdue 121-150 days	Overdue 151-180 days	Overdue 181-210 days	Overdue 211-250 days	Overdue over 251 days	Total current	Total non- current
	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$
Gross trade receivables	1,359,693	101,846	17,133	6,343	5,767	3,270	4,788	1,537	3,157	52,908	1,544,404	12,038
Impairment allowance	(10,685)	(1,460)	(737)	(638)	(1,063)	(721)	(521)	(964)	(1,180)	(35,322)	(51,283)	(2,008)
Other receivables, gross	167,574	14,936	1,087	1,383	195	2,190	399	54	2,491	10,410	185,910	14,809
Impairment allowance	(3,995)	0	0	0	0	0	0	0	0	(4,068)	(3,094)	(4,969)
Total	1,512,587	115,322	17,483	7,088	4,899	4,739	4,666	627	4,468	23,928	1,675,937	19,870

Trade and other receivables	Balance as of 12.31.2018											
	Portfolio not overdue	Overdue 1-30 days	Overdue 31-60 days	Overdue 61-90 days	Overdue 91-120 days	Overdue 121-150 days	Overdue 151-180 days	Overdue 181-210 days	Overdue 211-250 days	Overdue over 251 days	Total current	Total non- current
	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$
Gross trade receivables	1,568,983	131,487	23,331	9,255	2,368	1,670	4,794	2,125	2,103	58,899	1,785,787	19,228
Impairment allowance	(12,464)	(1,671)	(1,183)	(423)	(876)	(763)	(1,473)	(618)	(1,803)	(36,217)	(55,734)	(1,757)
Other receivables, gross	227,135	12,904	5,135	2,304	73	38	399	464	214	10,250	242,994	15,922
Impairment allowance	(2,601)	0	0	0	0	0	0	0	0	(4,558)	(2,165)	(4,994)
Total	1,781,053	142,720	27,283	11,136	1,565	945	3,720	1,971	514	28,374	1,970,882	28,399

c) Doubtful receivables allowance:

	12.31.2019		12.31.2018	
	ThUS\$	ThUS\$	ThUS\$	ThUS\$
	Current	Non-current	Current	Non-current
Opening balance	(57,899)	(6,751)	(60,990)	(6,841)
Impairment allowance on trade and other receivables	3,522	(226)	3,091	90
Closing balance	(54,377)	(6,977)	(57,899)	(6,751)

3.4 Other Financial Liabilities

Financial liabilities valued at amortized cost are non-derivative instruments with contractual payment flows with fixed or variable interest rates. Financial instruments classified in this category are valued at amortized cost using the *effective interest method*.

As of December 31, 2019 and 2018, this category included obligations with banks and financial institutions and obligations to the public through bonds issued in US dollars, UF and Chilean pesos.

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Current		
Bank loans	428,956	793,204
Accounting overdrafts	0	0
Bonds in UF, COP and CLP	322,421	44,489
Bonds in US\$	35,432	261,661
Leasing liabilities	129,228	38,951
Other financial liabilities	8,914	5,718
Total current	924,951	1,144,023
Non-current		
Bonds in US\$	3,465,510	1,799,976
Bonds in UF, COP and CLP	2,245,992	2,736,452
Bank loans	1,827,612	1,596,789
Leasing liabilities	658,704	117,152
Other financial liabilities	149,933	70,675
Total non-current	8,347,751	6,321,044
Total other financial liabilities	9,272,702	7,465,067

Capital plus interest on the Group's main financial liabilities that are subject to liquidity risk are presented undiscounted and grouped by maturity in the following tables.

Bank borrowings

Fuel sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
91,806,000-6	Abastible S.A. - Chile	CLP	Banco Scotiabank - Chile	-	18,737	-	-	-	18,737	-	2.60%	2.60%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco Estado - Chile	-	8,298	-	-	-	8,298	-	5.34%	5.34%	Annually
91,806,000-6	Abastible S.A. - Chile	US\$	Banco Santander - Chile	2,214	2,140	-	-	-	4,354	-	2.76%	2.76%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco Estado - Chile	-	10,868	-	-	-	10,868	-	4.98%	4.98%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco BCI - Chile	-	214	16,027	-	-	214	16,027	5.22%	5.22%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco de Chile - Chile	-	78	12,020	-	-	78	12,020	4.43%	4.43%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco de Chile - Chile	-	10,707	-	-	-	10,707	-	2.57%	2.57%	Six monthly
91,806,000-6	Abastible S.A. - Chile	CLP	Banco de Chile - Chile	-	25,518	-	-	-	25,518	-	2.57%	2.57%	Six monthly
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	The Bank of Tokyo - Mitsubishi UFJ Ltd - Chile	-	-	-	100,000	-	-	100,000	2.89%	2.86%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	JP Morgan Chase - Chile	-	-	-	100,000	-	-	100,000	2.89%	2.86%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	The Bank of Nova Scotia - Chile	-	-	-	200,000	-	-	200,000	2.98%	2.93%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	BNP Paribas - Chile	-	-	-	50,000	-	-	50,000	2.89%	2.86%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Export Development Canada - Chile	-	-	-	75,000	-	-	75,000	3.13%	3.03%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Sumitomo Mitsui Banking Corporation - Chile	-	-	-	125,000	-	-	125,000	2.89%	2.86%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Banco de Chile - Chile	203	-	-	-	-	203	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Banco Itaú - Chile	490	-	-	-	-	490	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Banco de Crédito e Inversiones - Chile	982	-	-	-	-	982	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	HSBC Bank - Chile	3	-	-	-	-	3	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	JP Morgan Chase - Chile	26	-	-	-	-	26	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	The Bank of Nova Scotia - Chile	13	-	-	-	-	13	-	3.10%	3.10%	Maturity
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	Santander Investment Securities Inc. - Chile	575	2,102	6,119	2,600	-	2,677	8,719	3.97%	3.97%	Monthly
99,520,000-7	Compañía de Petróleos de Chile Copec S.A. - Chile	US\$	JP Morgan Chase - Chile	335	1,255	3,700	1,553	-	1,590	5,253	3.79%	3.79%	Monthly
-	Duragas S.A. - Ecuador	US\$	Banco Estado - Chile	62	-	-	7,500	-	62	7,500	3.25%	3.25%	Six monthly
76,172,285-9	FluxSolar Energías Renovables SpA - Chile	US\$	Various Banks - Chile	-	235	738	-	-	235	738	0.00%	0.00%	Quarterly
-	Mapco Express, Inc. - USA	US\$	JP Morgan Chase - United States	333	15,253	-	-	-	15,586	-	3.41%	3.41%	Monthly
-	Organización Terpel S.A. - Colombia	US\$	Banco de Bogota - Colombia	20,347	-	-	-	-	20,347	-	5.65%	5.65%	Maturity
-	Organización Terpel S.A. - Colombia	US\$	Banco de Bogota - Colombia	-	21,055	-	-	-	21,055	-	5.67%	5.67%	Maturity
-	Organización Terpel S.A. - Colombia	US\$	Banco Popular - Colombia	27,463	-	-	-	-	27,463	-	5.84%	5.83%	Maturity
-	Petrolera Nacional S.A. - Panama	US\$	Scotiabank Colpatria - Panama	-	-	82,242	-	-	-	82,242	3.04%	3.04%	Maturity
-	Solgas S.A. - Peru	PS/.	Banco Scotiabank - Peru	943	-	18,681	24,337	17,028	943	60,046	6.50%	6.50%	Monthly
-	Solgas S.A. - Peru	PS/.	Banco de Crédito del Perú - Peru	26,286	-	-	-	-	26,286	-	3.65%	3.65%	Quarterly
-	Terpel Comercial Ecuador Cia Ltda.	US\$	Banco BBVA - Ecuador	-	6,000	-	-	-	6,000	-	3.81%	3.81%	Maturity
-	Terpel Comercial Ecuador Cia Ltda.	US\$	Banco BBVA - Ecuador	-	3,500	-	-	-	3,500	-	3.54%	3.54%	Maturity
-	Terpel Comercial Ecuador Cia Ltda.	US\$	Banco Guayaquil - Ecuador	11	33	12	-	-	44	12	9.08%	8.72%	Monthly
Total bank borrowings				80,286	125,993	139,539	685,990	17,028	206,279	842,557			

Bank borrowings

Fuel sector

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
91.806,000-6	Abastible S.A. - Chile	CLP	Banco BBVA - Chile	-	5,789	-	-	-	5,789	-	3.50%	3.50%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco BBVA - Chile	-	20,259	-	-	-	20,259	-	3.50%	3.50%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco Estado - Chile	27,447	-	-	-	-	27,447	-	5.20%	5.20%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco Estado - Chile	-	305	8,636	-	-	305	8,636	5.34%	5.34%	Annually
91.806,000-6	Abastible S.A. - Chile	US\$	Banco Santander - Chile	2,287	2,140	4,280	-	-	4,427	4,280	2.76%	2.76%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco Estado - Chile	198	-	11,515	-	-	198	11,515	4.98%	4.98%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco de Crédito e Inversiones - Chile	235	-	-	17,272	-	235	17,272	5.22%	5.22%	Six monthly
91.806,000-6	Abastible S.A. - Chile	CLP	Banco de Chile - Chile	-	84	-	12,954	-	84	12,954	4.43%	4.43%	Six monthly
-	Solgas S.A. - Peru	PS/.	Banco Continental - Peru	16,255	-	-	-	-	16,255	-	4.73%	4.73%	Monthly
-	Solgas S.A. - Peru	PS/.	Banco Scotiabank - Peru	19,938	-	-	-	-	19,938	-	5.00%	5.00%	Monthly
-	Solgas S.A. - Peru	PS/.	Banco de Crédito del Perú - Peru	20,595	6,919	32,366	-	-	27,514	32,366	6.65%	6.65%	Monthly
-	Solgas S.A. - Peru	PS/.	Banco Internacional - Peru	4,053	-	-	-	-	4,053	-	3.45%	3.45%	Monthly
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	The Bank of Tokyo - Mitsubishi UFJ Ltd	379	-	99,353	-	-	379	99,353	3.68%	3.63%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	JP Morgan - USA	379	-	99,353	-	-	379	99,353	3.68%	3.63%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco Scotiabank - Chile	1,320	-	-	198,483	-	1,320	198,483	3.67%	3.59%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco Estado - Chile	61	45	-	-	-	106	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	BNP Paribas	190	-	-	49,677	-	190	49,677	3.68%	3.63%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Export Development Canada	846	-	-	74,291	-	846	74,291	3.65%	3.53%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Sumitomo Mitsui Banking Corporation	474	-	-	124,192	-	474	124,192	3.68%	3.63%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco de Chile - Chile	118	-	-	-	-	118	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco de Chile - Chile	7	-	-	-	-	7	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco Santander - Chile	77	-	-	-	-	77	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco de Crédito e Inversiones - Chile	119	-	-	-	-	119	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	HSBC Securities (USA) Inc.	123	-	-	-	-	123	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	JP Morgan - USA	111	-	-	-	-	111	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco Scotiabank - Chile	63	-	-	-	-	63	-	3.10%	3.10%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Banco BBVA - Chile	909	1,969	-	-	-	2,878	-	5.42%	5.42%	Maturity
99.520,000-7	Compañía de Petroleos de Chile COPEC S.A. - Chile	US\$	Santander Investment Securities Inc.	90	193	-	-	-	283	-	5.21%	5.21%	Maturity
-	Lutexa Industrial Comercial CIA Ltda. - Ecuador	US\$	Banco Guayaquil - Ecuador	11	33	72	-	-	44	72	8.22%	7.93%	Monthly
-	Mapco Express, Inc. - USA	US\$	Regions Bank - USA	-	-	10,684	-	-	-	10,684	3.77%	3.77%	Monthly
-	Mapco Express, Inc. - USA	US\$	US Premium Finance - USA	483	856	-	-	-	1,339	-	3.53%	3.53%	Monthly
-	Organización Terpel S.A. - Colombia	COP	Banco Colpatria - Colombia	9,596	-	-	-	-	9,596	-	5.64%	5.64%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco Colpatria - Colombia	21,586	-	-	-	-	21,586	-	5.64%	5.64%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Bancolombia - Colombia	1,100	11,892	-	-	-	12,992	-	6.81%	6.81%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco de Bogota - Colombia	266	2,874	-	-	-	3,140	-	6.81%	6.81%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco de Bogota - Colombia	242	2,086	-	-	-	2,328	-	6.82%	6.82%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco BBVA - Colombia	266	2,874	-	-	-	3,140	-	6.81%	6.81%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco Davivienda - Colombia	266	2,874	-	-	-	3,140	-	6.81%	6.81%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Bancolombia - Colombia	1,000	8,627	-	-	-	9,627	-	6.82%	6.82%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco de Bogota - Colombia	12,943	-	-	-	-	12,943	-	5.96%	5.96%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco BBVA - Colombia	242	2,086	-	-	-	2,328	-	6.82%	6.82%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco Davivienda - Colombia	242	2,086	-	-	-	2,328	-	6.82%	6.82%	Maturity
-	Organización Terpel S.A. - Colombia	COP	Banco Popular - Colombia	1,225	27,694	-	-	-	28,919	-	5.83%	5.83%	Maturity
-	Peruana de Gas Natural S.A.C - Peru	PS/.	Banco de Crédito - Peru	21	-	-	-	-	21	-	4.60%	4.60%	Maturity
-	Petrolera Nacional S.A. - Panama	US\$	B. Nassau Miami	1,231	14,000	-	-	-	15,231	-	5.47%	5.47%	Maturity
-	Petrolera Nacional S.A. - Panama	US\$	B. Nassau Miami	-	14,000	-	-	-	14,000	-	5.47%	5.47%	Maturity
-	Petrolera Nacional S.A. - Panama	US\$	B. Nassau Miami	-	-	46,325	-	-	-	46,325	4.14%	4.14%	Maturity
-	Petrolera Nacional S.A. - Panama	US\$	Banco BAC	-	8,000	-	-	-	8,000	-	3.94%	3.94%	Maturity
81.095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Banco BBVA - Chile	45,181	-	-	-	-	45,181	-	2.61%	2.61%	Six monthly
81.095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Banco BBVA - Chile	-	-	-	8,999	-	-	8,999	4.77%	4.97%	Six monthly
81.095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Banco BICE - Chile	-	1,338	-	6,689	52,719	1,338	59,408	3.43%	3.40%	Six monthly
81.095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Banco BICE - Chile	-	9,902	-	18,580	-	9,902	18,580	4.87%	4.70%	Six monthly
Total bank borrowings				192,175	148,925	312,584	511,137	52,719	341,100	876,440			

Bank borrowings

Forestry sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
-	Arauco Florestal Arapotí S.A.	BR\$	Banco Votorantim - Brazil	-	30	641	-	-	30	641	5.00%	5.00%	Six monthly
-	Arauco Forest Brasil S.A.	BR\$	Banco Votorantim - Brazil	-	27	569	-	-	27	569	5.00%	5.00%	Six monthly
-	Arauco Forest Brasil S.A.	BR\$	Banco Bndes Subloan A - Brazil	7	63	315	-	-	70	315	8.48%	TJLP + 2.91%	Monthly
-	Arauco Forest Brasil S.A.	BR\$	Banco Bndes Subloan B - Brazil	5	39	190	-	-	44	190	9.48%	TJLP + 3.91%	Monthly
-	Arauco Forest Brasil S.A.	US\$	Banco Bndes Subcrédito C - Brazil	5	43	283	-	-	48	283	7.22%	Basket + 2.91%	Monthly
-	Arauco Forest Brasil S.A.	BR\$	Banco Bndes Subloan D - Brazil	6	45	214	-	-	51	214	10.68%	TJLP + 5.11%	Monthly
-	Arauco North America, Inc.	US\$	Banco Estado - Chile	-	10,895	80,043	252,199	213,803	10,895	546,045	3.56%	Libor 6M + 1.65%	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A.	US\$	Banco Scotiabank - Chile	3,179	3,014	11,958	205,979	-	6,193	217,937	3.14%	Libor 6M + 1.1%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A.	€	BNP Paribas	-	1,209	22,108	28,213	14,038	1,209	64,359	1.06%	1.06%	Six monthly
-	Celulosa y Energía Punta Pereira	US\$	Inter-American Development Bank - Uruguay	4,919	4,838	18,455	8,702	-	9,757	27,157	4.10%	Libor 6M + 2.05%	Six monthly
-	Celulosa y Energía Punta Pereira	US\$	Inter-American Development Bank - Uruguay	11,754	11,536	-	-	-	23,290	-	3.85%	Libor 6M + 1.80%	Six monthly
-	Celulosa y Energía Punta Pereira	US\$	Finnish Export Credit - Uruguay	26,366	26,008	100,109	24,065	-	52,374	124,174	3.20%	3.20%	Six monthly
-	Eufores S.A.	US\$	Banco BBVA - Uruguay	-	14,222	-	-	-	14,222	-	3.22%	Libor 6M + 1.30%	Maturity
-	Eufores S.A.	US\$	Banco Republica Oriental de Uruguay - Uruguay	-	27,328	-	-	-	27,328	-	3.22%	Libor 6M + 1.30%	Maturity
-	Eufores S.A.	US\$	Citibank - Uruguay	-	4,062	-	-	-	4,062	-	3.14%	Libor 6M + 1.25%	Maturity
-	Eufores S.A.	US\$	Banco Itaú - Uruguay	-	12,695	-	-	-	12,695	-	3.20%	Libor 6M + 1.30%	Maturity
-	Eufores S.A.	US\$	Heritage - Uruguay	1,361	-	-	-	-	1,361	-	3.21%	Libor 3M + 1.30%	Maturity
-	Eufores S.A.	US\$	Banco Santander - Uruguay	20,328	-	-	-	-	20,328	-	3.29%	Libor 6M + 1.30%	Maturity
-	Eufores S.A.	US\$	Banco Santander - Uruguay	-	5,080	-	-	-	5,080	-	3.21%	Libor 6M + 1.30%	Maturity
-	Eufores S.A.	US\$	Banco Scotiabank - Uruguay	-	2,541	-	-	-	2,541	-	3.22%	Libor 6M + 1.30%	Maturity
-	Mahal Empreendimentos e Participações S.A.	BR\$	Bndes Subloan E-I - Brazil	658	1,279	-	-	-	1,937	-	8.48%	TJLP + 3.91%	Monthly
-	Mahal Empreendimentos e Participações S.A.	BR\$	Bndes Subloan F-J - Brazil	397	769	-	-	-	1,166	-	9.48%	TJLP + 3.91%	Monthly
-	Mahal Empreendimentos e Participações S.A.	BR\$	Bndes Subloan H-L - Brazil	444	858	-	-	-	1,302	-	10.68%	TJLP + 5.11%	Monthly
-	Mahal Empreendimentos e Participações S.A.	US\$	Bndes Subloan G-K - Brazil	537	1,217	-	-	-	1,754	-	7.22%	Basket + 2.91%	Monthly
-	Zona Franca Punta Pereira	US\$	Inter-American Development Bank - Uruguay	1,216	1,196	4,563	2,152	-	2,412	6,715	4.10%	Libor 6M + 2.05%	Six monthly
-	Zona Franca Punta Pereira	US\$	Inter-American Development Bank - Uruguay	2,906	2,852	-	-	-	5,758	-	3.85%	Libor 6M + 1.80%	Six monthly
Total bank borrowings				74,088	131,846	239,448	521,310	227,841	205,934	988,599			

Bank borrowings

Forestry sector

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
-	Arauco Argentina S.A. - Argentina	US\$	Banco Bice - Argentina	5,040	-	-	-	-	5,040	-	2.10%	2.10%	Monthly
-	Arauco Argentina S.A. - Argentina	US\$	Banco Macro - Argentina	10,054	-	-	-	-	10,054	-	6.00%	6.00%	Monthly
-	Arauco Argentina S.A. - Argentina	US\$	Banco BBVA - Argentina	-	13,071	-	-	-	13,071	-	5.90%	5.90%	Monthly
-	Arauco Do Brasil S.A. - Brazil	BR\$	Banco Santander - Brazil	21	64	54	-	-	85	54	9.50%	9.50%	Monthly
-	Arauco Do Brasil S.A. - Brazil	BR\$	Banco Alfa - Brazil	17	48	128	5	-	65	133	10.35%	Tjlp + spread	Monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Itau - Brazil	3	-	-	-	-	3	-	7.00%	3.50%	Monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Bradesco - Brazil	9	22	-	-	-	31	-	6.00%	6.00%	Maturity
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Votorantim - Brazil	14	-	310	310	-	14	620	5.00%	5.00%	Monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Safra - Brazil	18	-	-	-	-	18	-	6.00%	6.00%	Monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Safra - Brazil	6	17	33	-	-	23	33	10.00%	10.00%	Monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Santander - Brazil	3	14	180	44	-	17	224	8.38%	8.38%	Six monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Santander - Brazil	34	33	179	129	-	67	308	10.32%	10.32%	Six monthly
-	Arauco Florestal Arapoti S.A. - Brazil	BR\$	Banco Santander - Brazil	4	11	25	2	-	15	27	10.47%	10.49%	Six monthly
-	Arauco Forest Brasil S.A. - Brazil	BR\$	Banco Bradesco - Brazil	21	23	48	14	-	44	62	9.00%	9.00%	Monthly
-	Arauco Forest Brasil S.A. - Brazil	US\$	Banco Alfa - Brazil	2	7	14	-	-	9	14	17.00%	Basket + spread	Maturity
-	Arauco Forest Brasil S.A. - Brazil	BR\$	Banco Alfa - Brazil	5	14	29	-	-	19	29	0.22%	Tjlp + Spread	Maturity
-	Arauco Forest Brasil S.A. - Brazil	BR\$	Banco Votorantim - Brazil	162	198	276	276	-	360	552	16.00%	Tjlp + Spread	Monthly
-	Arauco Forest Brasil S.A. - Brazil	US\$	Banco Votorantim - Brazil	34	45	-	-	-	79	-	10.40%	Basket + spread	Monthly
-	Arauco Forest Brasil S.A. - Brazil	BR\$	Banco Bndes Subcrédito A-B-D - Brazil	3	-	492	295	-	3	787	21.78%	Tjlp + spread	Monthly
-	Arauco Forest Brasil S.A. - Brazil	US\$	Banco Bndes Subcrédito C - Brazil	5	-	169	120	-	5	289	15.22%	Basket + spread	Monthly
-	Arauco Forest Brasil S.A. - Brazil	BR\$	Banco Santander - Brazil	43	58	354	138	-	101	492	8.67%	8.67%	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Banco Scotiabank - Chile	-	1,930	15,902	214,535	-	1,930	230,437	3.70%	Libor + spread	Monthly
-	Celulosa y Energía Punta Pereira - Uruguay	US\$	Inter-American Development Bank - Uruguay	4,770	4,179	19,237	17,613	-	8,949	36,850	4.62%	Libor + spread	Six monthly
-	Celulosa y Energía Punta Pereira - Uruguay	US\$	Inter-American Development Bank - Uruguay	11,871	11,274	23,035	-	-	23,145	23,035	4.37%	Libor + spread	Six monthly
-	Celulosa y Energía Punta Pereira - Uruguay	US\$	Finnish Export Credit - Uruguay	24,850	21,578	97,414	70,769	-	46,428	168,183	3.20%	3.20%	Six monthly
-	Euflores S.A. - Uruguay	US\$	Banco Republica Oriental de Uruguay	8	27,073	-	-	-	27,081	-	4.12%	Libor + spread	Maturity
-	Euflores S.A. - Uruguay	US\$	Citibank - Uruguay	3	-	-	-	-	3	-	3.43%	Libor + spread	Maturity
-	Euflores S.A. - Uruguay	US\$	Banco Itau - Uruguay	24	12,511	-	-	-	12,535	-	4.17%	Libor + spread	Maturity
-	Euflores S.A. - Uruguay	US\$	Heritage - Uruguay	1,352	-	-	-	-	1,352	-	4.30%	Libor + spread	Maturity
-	Euflores S.A. - Uruguay	US\$	Banco Santander - Uruguay	20,235	5,021	-	-	-	25,256	-	3.86%	Libor + spread	Maturity
-	Flakeboard Company Ltd - USA	US\$	Banco Estado - Chile	-	2,141	54,661	79,056	203,906	2,141	337,623	3.00%	Libor + spread	Maturity
-	Mahal Empreendimentos Pat. S.A. - Brazil	BR\$	Bndes Subloan E-I	663	1,946	1,946	-	-	2,609	1,946	19.78%	Tjlp + spread	Monthly
-	Mahal Empreendimentos Pat. S.A. - Brazil	BR\$	Bndes Subloan F-J	399	1,167	1,167	-	-	1,566	1,167	21.78%	Tjlp + spread	Monthly
-	Mahal Empreendimentos Pat. S.A. - Brazil	US\$	Bndes Subloan G-K	520	1,528	1,697	-	-	2,048	1,697	15.22%	Basket + spread	Monthly
-	Mahal Empreendimentos Pat. S.A. - Brazil	BR\$	Bndes Subloan H-L	444	1,297	1,297	-	-	1,741	1,297	24.18%	Tjlp + spread	Monthly
-	Mahal Empreendimentos Pat. S.A. - Brazil	BR\$	Banco Santander	6	18	46	-	-	24	46	21.96%	Tjlp + spread	Monthly
-	Mahal Empreendimentos Pat. S.A. - Brazil	US\$	Banco Santander	3	9	25	-	-	12	25	17.40%	Basket + spread	Monthly
-	Novo Oeste Gestao de Ativos Florestais S.A. - Brazil	BR\$	Banco Santander - Brazil	5	18	48	2	-	23	50	21.96%	Tjlp + spread	Maturity
-	Novo Oeste Gestao de Ativos Florestais S.A. - Brazil	US\$	Banco Santander - Brazil	3	9	26	2	-	12	28	17.40%	Tjlp + spread	Maturity
-	Zona Franca Punta Pereira - Uruguay	US\$	Interamerican Development Bank - Uruguay	1,184	1,032	4,770	4,359	-	2,216	9,129	4.62%	Libor + spread	Maturity
-	Zona Franca Punta Pereira - Uruguay	US\$	Interamerican Development Bank - Uruguay	2,940	2,786	5,701	-	-	5,726	5,701	4.37%	Libor + spread	Maturity
-	Zona Franca Punta Pereira - Uruguay	US\$	Banco BBVA - Uruguay	-	14,103	-	-	-	14,103	-	4.06%	Libor + spread	Maturity
-	Zona Franca Punta Pereira - Uruguay	US\$	Citibank - Uruguay	-	4,517	-	-	-	4,517	-	4.19%	Libor + spread	Maturity
-	Zona Franca Punta Pereira - Uruguay	US\$	Banco Scotiabank - Uruguay	-	2,509	-	-	-	2,509	-	4.39%	Libor + spread	Maturity
Total bank borrowings				84,778	130,271	229,263	387,669	203,906	215,049	820,838			

Bank borrowings

Other sectors

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
76,160,625-5	Minera Camino Nevado Ltda. - Chile	CLP	Banco Itaú - Chile	-	8,297	4,056	-	-	8,297	4,056	3.82%	TCP + Spread	Six monthly
76,160,625-5	Minera Camino Nevado Ltda. - Chile	US\$	Banco BCI - Chile	-	20,150	9,836	-	-	20,150	9,836	3.82%	Libor + spread	Six monthly
96,929,960-7	Orizon S.A.	US\$	Banco de Chile - Chile	-	23	5,000	5,000	-	23	10,000	3.70%	3.70%	Six monthly
96,929,960-7	Orizon S.A.	US\$	Banco de Chile - Chile	2,003	-	-	-	-	2,003	-	2.59%	2.59%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco de Chile - Chile	1,502	-	-	-	-	1,502	-	2.59%	2.59%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco de Chile - Chile	2,001	-	-	-	-	2,001	-	2.68%	2.68%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco de Chile - Chile	4,004	-	-	-	-	4,004	-	2.60%	2.60%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco Estado - Chile	2,004	-	-	-	-	2,004	-	2.51%	2.51%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco Internacional - Chile	2,004	-	-	-	-	2,004	-	2.51%	2.51%	Maturity
96,929,960-7	Orizon S.A.	US\$	Banco Itaú - Chile	-	63	-	30,000	-	63	30,000	Libor + Spread	Libor + Spread	Six monthly
96,929,960-7	Orizon S.A.	US\$	Banco Scotiabank - Chile	-	18	-	8,000	-	18	8,000	3.75%	3.75%	Six monthly
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	14	40,000	-	-	14	40,000	Libor + Spread	Libor + Spread	Maturity
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	7	18,500	-	-	7	18,500	Libor + Spread	Libor + Spread	Maturity
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	1	2,172	-	-	1	2,172	Libor + Spread	Libor + Spread	Maturity
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	455	110,000	-	-	455	110,000	Libor + Spread	Libor + Spread	Maturity
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	18	4,009	-	-	18	4,009	Libor + Spread	Libor + Spread	Maturity
91,123,000-3	Pesquera Iquique - Guanaye S.A.	US\$	Banco Scotiabank - Chile	-	9	2,242	-	-	9	2,242	Libor + Spread	Libor + Spread	Maturity
Total bank borrowings				13,518	29,055	195,815	43,000	-	42,573	238,815			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
76,160,625-5	Minera Camino Nevado Ltda. - Chile	CLP	Itau/Corpbanca - Chile	-	9,420	13,453	-	-	9,420	13,453	3.82%	TCP + Spread	Six monthly
76,160,625-5	Minera Camino Nevado Ltda. - Chile	US\$	Banco de Crédito e Inversiones - Chile	-	21,159	31,071	-	-	21,159	31,071	3.82%	Libor + spread	Six monthly
96,929,960-7	Orizon S.A. - Chile	US\$	Banco de Chile - Chile	5,017	-	-	-	-	5,017	-	4.29%	4.29%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco de Chile - Chile	4,075	-	-	-	-	4,075	-	4.13%	4.13%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco de Chile - Chile	5,013	-	-	-	-	5,013	-	4.31%	4.31%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco de Chile - Chile	-	3,798	11,250	-	-	3,798	11,250	Libor + spread	Libor + spread	Six monthly
96,929,960-7	Orizon S.A. - Chile	US\$	Banco BBVA - Chile	5,057	-	-	-	-	5,057	-	5.52%	5.52%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Estado - Chile	3,804	7,500	-	-	-	11,304	-	Libor + spread	Libor + spread	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Estado - Chile	7,083	-	-	-	-	7,083	-	3.32%	3.32%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Scotiabank - Chile	-	3,788	7,500	-	-	3,788	7,500	Libor + spread	Libor + spread	Six monthly
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Scotiabank - Chile	-	10,026	-	5,000	-	10,026	5,000	3.97%	3.97%	Maturity
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Scotiabank - Chile	-	176	5,000	-	-	176	5,000	5.06%	5.06%	Maturity
91,123,000-3	Pesquera Iquique-Guanaye S.A. - Chile	US\$	Banco Scotiabank - Chile	-	113,773	-	-	-	113,773	-	3.43%	Libor + spread	Monthly
91,123,000-3	Pesquera Iquique-Guanaye S.A. - Chile	US\$	Banco Scotiabank - Chile	-	2,319	-	-	-	2,319	-	3.43%	Libor + spread	Monthly
91,123,000-3	Pesquera Iquique-Guanaye S.A. - Chile	US\$	Banco Scotiabank - Chile	-	41,359	-	-	-	41,359	-	3.40%	Libor + spread	Monthly
91,123,000-3	Pesquera Iquique-Guanaye S.A. - Chile	US\$	Banco Scotiabank - Chile	-	19,223	-	-	-	19,223	-	3.91%	Libor + spread	Monthly
Total bank borrowings				30,049	232,541	68,274	5,000	-	262,590	73,274			

Bond obligations
Fuel sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 10 years IPC E.A.	-	-	-	85,769	-	-	85,769	6.83%	6.66%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 15 years IPC E.A.	-	-	-	-	59,184	-	59,184	7.58%	7.37%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 15 years IPC E.A.	-	-	-	-	92,541	-	92,541	7.85%	7.63%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 25 years IPC E.A.	-	-	-	-	97,626	-	97,626	8.01%	7.78%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Bonds series A, 7 years fixed rate	73,543	-	-	-	-	73,543	-	5.65%	5.53%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 10 years IPC E.A.	-	-	-	75,401	-	-	75,401	7.07%	6.89%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 18 years IPC E.A.	-	-	-	-	29,425	-	29,425	7.37%	7.18%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series 2 bonds 7 years IPC E.A.	-	-	-	46,012	-	-	46,012	6.95%	6.77%	Quarterly
Total bond obligations				73,543	-	-	207,182	278,776	73,543	485,958			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
-	Organización Terpel S.A. - Colombia	COP	Bonds series A, 7 years fixed rate	-	-	-	74,137	-	-	74,137	5.65%	5.53%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 10 years IPC E.A.	-	-	-	-	76,019	-	76,019	6.58%	6.43%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 18 years IPC E.A.	-	-	-	-	29,670	-	29,670	6.32%	6.17%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series 2 bonds 7 years IPC E.A.	-	-	-	46,382	-	-	46,382	7.37%	7.17%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series 2 bonds 15 years IPC E.A.	-	-	-	-	76,480	-	76,480	6.15%	6.01%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series A bonds 5 years IPC E.A.	-	-	-	86,463	-	-	86,463	6.89%	6.72%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 10 years IPC E.A.	-	-	-	-	59,675	-	59,675	7.16%	6.98%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 15 years IPC E.A.	-	-	-	-	93,314	-	93,314	7.33%	7.13%	Quarterly
-	Organización Terpel S.A. - Colombia	COP	Series C bonds 25 years IPC E.A.	-	-	-	-	98,446	-	98,446	7.38%	7.18%	Quarterly
81,095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Series B Bonds UF	-	1,338	-	6,689	52,719	1,338	59,408	3.43%	3.40%	Six monthly
81,095,400-0	Sociedad Nacional de Oleoductos S.A. - Chile	CLP	Series C Bonds CLP	-	9,902	-	18,580	-	9,902	18,580	4.87%	4.70%	Six monthly
Total bond obligations				-	11,240	-	232,251	486,323	11,240	718,574			

Bond obligations

Forestry sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - F	-	33,928	64,820	60,772	134,219	33,928	259,811	4.25%	4.25%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - J	3,047	192,098	-	-	-	195,145	-	3.25%	3.25%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - P	-	7,488	31,992	46,966	160,636	7,488	239,594	4.00%	4.00%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - Q	-	19,609	9,593	-	-	19,609	9,593	3.00%	3.00%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - R	-	6,746	13,492	13,492	259,880	6,746	286,864	3.60%	3.60%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - S	-	4,510	9,020	9,020	198,071	4,510	216,111	2.40%	2.40%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - W	-	2,370	4,740	4,740	122,909	2,370	132,389	2.10%	2.10%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - X	-	5,577	11,154	11,154	313,926	5,577	336,234	2.70%	2.70%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2022	2,996	2,996	135,157	-	-	5,992	135,157	4.75%	4.75%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2024	11,250	11,250	45,000	545,000	-	22,500	590,000	4.50%	4.50%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2027	-	19,375	38,750	38,750	558,125	19,375	635,625	3.88%	3.88%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2047	-	22,000	44,000	44,000	906,000	22,000	994,000	5.50%	5.50%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2029	-	21,250	42,500	42,500	595,625	21,250	680,625	4.25%	4.25%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2049	-	27,500	55,000	55,000	1,173,750	27,500	1,283,750	5.50%	5.50%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2030	5,250	10,500	42,000	42,000	615,500	15,750	699,500	4.25%	4.25%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2050	6,438	12,875	51,500	51,500	1,156,625	19,313	1,259,625	5.50%	5.50%	Six monthly
-	Prime-Line, Inc. - USA	US\$	Bond ADFA 2014	128	384	1,024	1,024	2,005	512	4,053	4.84%	4.84%	Six monthly
-	Prime-Line, Inc. - USA	US\$	Bond ADFA 2013	38	114	301	112	-	152	413	4.00%	4.00%	Six monthly
Total bond obligations				29,147	400,570	600,043	966,030	6,197,271	429,717	7,763,344			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - F	-	19,425	50,069	47,042	116,673	19,425	213,784	4.24%	4.21%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - F	-	7,770	20,073	18,853	47,339	7,770	86,265	4.25%	4.21%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - J	2,132	-	204,731	-	-	2,132	204,731	3.23%	3.22%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - P	-	1,004	15,714	50,712	193,697	1,004	260,123	3.96%	3.96%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - Q	-	20,207	30,974	-	-	20,207	30,974	2.96%	2.98%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - R	-	1,770	14,158	14,158	278,892	1,770	307,208	3.57%	3.57%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - S	-	592	9,466	9,466	204,991	592	223,923	2.44%	2.89%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - W	-	559	4,974	4,974	127,578	559	137,526	2.12%	2.09%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Barau - X	-	1,317	11,706	11,706	326,508	1,317	349,920	2.70%	2.68%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee Bonds 2019	6,168	202,643	-	-	-	208,811	-	7.26%	7.25%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2021	4,422	-	214,540	-	-	4,422	214,540	5.02%	5.00%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2022	5,705	-	24,306	259,785	-	5,705	284,091	4.77%	4.75%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2024	9,375	-	45,000	45,000	527,024	9,375	617,024	4.52%	4.50%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2027	-	3,175	38,750	38,750	564,559	3,175	642,059	3.90%	3.88%	Six monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Yankee 2047	-	3,607	44,000	44,000	921,388	3,607	1,009,388	5.50%	5.50%	Six monthly
Total bond obligations				27,802	262,069	728,461	544,446	3,308,649	289,871	4,581,556			

Bond obligations
Other sectors

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP C	-	11,132	18,553	37,105	320,329	11,132	375,987	4.30%	4.25%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP E	792	792	50,738	-	-	1,584	50,738	3.40%	3.25%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP G	-	2,535	3,380	6,761	94,525	2,535	104,666	2.88%	2.88%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP - H	2,101	2,101	6,303	90,533	-	4,202	96,836	4.75%	4.75%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP I	605	605	3,630	2,423	54,145	1,210	60,198	2.30%	2.44%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP - K	562	562	3,372	2,249	52,525	1,124	58,146	2.30%	2.26%	Six monthly
Total bond obligations				4,060	17,727	85,976	139,071	521,524	21,787	746,571			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP C	-	11,681	-	58,404	347,818	11,681	406,222	4.30%	4.25%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP E	-	1,663	-	54,905	-	1,663	54,905	3.40%	3.25%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP G	-	2,660	-	13,301	99,190	2,660	112,491	2.88%	2.88%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP - H	-	4,527	-	108,885	-	4,527	108,885	4.75%	4.75%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP I	-	1,270	-	6,352	58,087	1,270	64,439	2.30%	2.44%	Six monthly
90,690,000-9	Empresas Copec S.A. - Chile	CLP	BECOP - K	-	1,180	-	5,898	56,297	1,180	62,195	2.30%	2.26%	Six monthly
Total bond obligations				-	22,981	-	247,745	561,392	22,981	809,137			

Finance leases

Fuel sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
91,806,000-6	Abastible S.A. - Chile	CLP	Other property, plant and equipment	318	1,044	3,476	3,208	9,470	1,362	16,154	5.52%	5.52%	Monthly
77,215,640-5	Administradora de Ventas al Detalle Ltda. - Chile	CLP	Banco BCI - Chile	39	120	152	-	-	159	152	4.48%	4.48%	Monthly
85,840,100-3	Cia. de Servicios Industriales Ltda. - Chile	CLP	Banco BCI - Chile	90	277	580	-	-	367	580	0.00%	0.00%	Monthly
85,840,100-3	Cia. de Servicios Industriales Ltda. - Chile	CLP	Banco Estado - Chile	17	53	182	-	-	70	182	0.00%	0.00%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco BCI - Chile	1	3	9	2	-	4	11	1.53%	1.53%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco Estado - Chile	23	69	193	205	713	92	1,111	2.25%	2.25%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco de Chile - Chile	870	2,647	7,337	7,760	40,827	3,517	55,924	1.95%	1.95%	Monthly
-	Duragas S.A. - Ecuador	US\$	Other property, plant and equipment	14	43	34	34	-	57	68	8.81%	8.81%	Monthly
-	Inversiones del Nordeste S.A.S. - Colombia	COP	Other property, plant and equipment	99	342	700	600	19	441	1,319	9.77%	9.36%	Monthly
-	Mapco Express, Inc - USA	US\$	Certegy Check Services/Fis - USA	5	17	14	-	-	22	14	2.14%	2.14%	Monthly
-	Mapco Express, Inc - USA	US\$	Giddens, Elmo - USA	30	105	255	229	-	135	484	8.81%	8.81%	Monthly
-	Mapco Express, Inc - USA	US\$	Regions Equipment Finance - USA	36	110	88	-	-	146	88	2.99%	2.99%	Monthly
-	Organización Terpel S.A. - Colombia	COP	Bancolombia - Colombia	478	1,519	1,922	1,922	-	1,997	3,844	0.85%	0.85%	Monthly
-	Organización Terpel S.A. - Colombia	COP	Vinder SAS - Colombia	9	29	138	138	3,459	38	3,735	1.00%	1.00%	Monthly
-	Solgas S.A. - Peru	US\$	Other property, plant and equipment	433	1,301	2,921	1,798	2,193	1,734	6,912	6.80%	6.80%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco de Chile - Chile	81	247	597	68	-	328	665	2.80%	2.76%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco BCI - Chile	266	806	1,883	349	196	1,072	2,428	1.30%	1.30%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco Scotiabank - Chile	39	120	298	128	159	159	585	2.22%	2.22%	Monthly
Total finance leases				2,848	8,852	20,779	16,441	57,036	11,700	94,256			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
77,215,640-5	Administradora de Ventas al Detalle Ltda. - Chile	CLP	Marsol S.A. - Chile	40	123	335	-	-	163	335	4.48%	4.48%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco Crédito e Inversiones - Chile	14	33	-	-	-	47	-	1.53%	1.53%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco Estado - Chile	24	70	196	209	858	94	1,263	2.25%	2.25%	Monthly
99,520,000-7	Compañía de Petroleos de Chile Copec S.A. - Chile	CLP	Banco de Chile - Chile	1,002	2,731	7,567	7,997	47,362	3,733	62,926	1.95%	1.95%	Monthly
85,840,100-3	Compañía de Servicios Industriales Ltda. - Chile	CLP	Banco Credito Inversiones - Chile	384	-	809	213	-	384	1,022	2.00%	2.00%	Monthly
-	Mapco Express, Inc - USA	US\$	Certegy Check Services/Fis - USA	23	15	21	-	-	38	21	2.14%	2.14%	Monthly
-	Mapco Express, Inc - USA	US\$	Giddens, Elmo - USA	384	809	213	-	-	1,193	213	8.81%	8.81%	Monthly
-	Mapco Express, Inc - USA	US\$	Regions Equipment Finance - USA	384	-	809	213	-	384	1,022	2.99%	2.99%	Monthly
-	Organización Terpel S.A. - Colombia	COP	Bancolombia - Colombia	384	-	809	213	-	384	1,022	0.85%	0.85%	Monthly
-	Organización Terpel S.A. - Colombia	COP	Vinder SAS - Colombia	14	26	122	122	3,558	40	3,802	1.00%	1.00%	Monthly
-	Solgas S.A. - Peru	US\$	Interbank - Peru	28	83	-	-	-	111	-	6.30%	6.30%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco de Chile - Chile	83	252	344	626	71	335	1,041	2.80%	2.76%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco Credito Inversiones - Chile	157	477	652	1,321	572	634	2,545	2.49%	2.49%	Monthly
79,904,920-1	Transportes de Combustibles Chile Ltda. - Chile	CLP	Banco Scotiabank - Chile	30	92	125	259	301	122	685	2.22%	2.22%	Monthly
Total finance leases				2,951	4,711	12,002	11,173	52,722	7,662	75,897			

Finance leases

Forestry sector

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
-	Arauco Argentina - Argentina	US\$	Buildings and construction	122	361	485	-	-	483	485	-	-	Monthly
-	Arauco Argentina - Argentina	US\$	Computer equipment	13	39	88	-	-	52	88	-	-	Monthly
-	Arauco Argentina - Argentina	US\$	Other property, plant and equipment	347	1,040	2,772	1,670	-	1,387	4,442	-	-	Monthly
-	Arauco Argentina - Argentina	US\$	Motor vehicles	382	1,145	1,971	981	-	1,527	2,952	-	-	Monthly
-	Arauco Canada Limited - Canada	C\$	Other property, plant and equipment	2	3	142	-	-	5	142	-	-	Monthly
-	Arauco Canada Limited - Canada	C\$	Motor vehicles	-	2	155	-	-	2	155	-	-	Monthly
-	Arauco Colombia S.A. - Colombia	US\$	Buildings and construction	10	31	10	-	-	41	10	-	-	Monthly
-	Arauco Colombia S.A. - Colombia	US\$	Facilities, fixtures and fittings	137	411	548	-	-	548	548	-	-	Monthly
-	Arauco Do Brasil S.A. - Brazil	R\$	Buildings and construction	272	655	847	470	-	927	1,317	-	-	Monthly
-	Arauco Europe Cooperatief U.A. - Holland	€	Motor vehicles	7	17	23	7	-	24	30	-	-	Monthly
-	Arauco Florestal Arapotí S.A. - Brazil	R\$	Computer equipment	6	17	18	-	-	23	18	-	-	Monthly
-	Arauco Forest Brasil S.A. - Brazil	R\$	Computer equipment	6	17	29	-	-	23	29	-	-	Monthly
-	Arauco Forest Brasil S.A. - Brazil	R\$	Land	871	2,612	6,676	13,062	-	3,483	19,738	-	-	Monthly
-	Arauco Industria de México, S.A. de C.V. - Mexico	MXN	Motor vehicles	-	772	578	-	-	772	578	-	-	Monthly
-	Arauco Industria de México, S.A. de C.V. - Mexico	US\$	Motor vehicles	-	139	808	-	-	139	808	-	-	Monthly
-	Arauco Industria de México, S.A. de C.V. - Mexico	MXN	Buildings and construction	-	-	16	11	-	-	27	-	-	Monthly
-	Arauco Industria de México, S.A. de C.V. - Mexico	MXN	Land	-	-	5	-	-	-	5	-	-	Monthly
-	Arauco Industria de México, S.A. de C.V. - Mexico	US\$	Land	-	-	609	-	-	-	609	-	-	Monthly
-	Arauco Industria de Paineis S.A. - Brazil	R\$	Other property, plant and equipment	192	577	1,010	-	-	769	1,010	-	-	Monthly
-	Arauco Industria de Paineis S.A. - Brazil	R\$	Motor vehicles	4	13	27	-	-	17	27	-	-	Monthly
-	Arauco North America (formerly Flakeboard America Ltd.) - USA	US\$	Land	1	4	276	-	-	5	276	-	-	Monthly
-	Arauco North America (formerly Flakeboard America Ltd.) - USA	US\$	Buildings and construction	15	55	4,044	2,702	4,415	70	11,161	-	-	Monthly
-	Arauco North America (formerly Flakeboard America Ltd.) - USA	US\$	Motor vehicles	-	2	132	40	-	2	172	-	-	Monthly
-	Araucocomex S.A. de C.V. - Mexico	MXN	Buildings and construction	549	614	3,865	3,618	904	1,163	8,387	-	-	Monthly
-	Araucocomex S.A. de C.V. - Mexico	US\$	Buildings and construction	125	125	80	-	-	250	80	-	-	Monthly
-	Araucocomex Servicios S.A. de C.V. - Mexico	US\$	Buildings and construction	-	-	554	370	-	-	924	-	-	Monthly
-	Araucocomex Servicios S.A. de C.V. - Mexico	US\$	Motor vehicles	-	25	168	16	-	25	184	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Buildings and construction	407	1,217	3,059	1,082	-	1,624	4,141	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Motor vehicles	201	593	1,228	419	106	794	1,753	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Buildings and construction	19	58	140	17	-	77	157	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Other property, plant and equipment	1,612	-	1,612	-	-	1,612	1,612	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	CLP	Motor vehicles	4,800	14,399	38,398	6,651	-	19,199	45,049	-	-	Monthly
93,458,000-1	Celulosa Arauco y Constitución S.A. - Chile	US\$	Motor vehicles	45	136	211	-	-	181	211	-	-	Monthly
-	Celulosa y Energía Punta Pereira - Uruguay	US\$	Buildings and construction	1,477	4,432	11,818	11,818	76,821	5,909	100,457	-	-	Monthly
-	Celulosa y Energía Punta Pereira - Uruguay	US\$	Other property, plant and equipment	262	786	746	746	7,275	1,048	8,767	-	-	Monthly
-	Eufores S.A. - Uruguay	US\$	Land	546	1,637	10,623	9,809	34,676	2,183	55,108	-	-	Monthly
-	Eufores S.A. - Uruguay	US\$	Other property, plant and equipment	306	917	2,444	2,444	3,667	1,223	8,555	-	-	Monthly
-	Eufores S.A. - Uruguay	US\$	Buildings and construction	119	358	397	166	-	477	563	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Motor vehicles	465	1,462	3,391	1,505	649	1,927	5,545	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Other property, plant and equipment	4,644	9,357	11,399	38	-	14,001	11,437	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Land	-	16	32	32	190	16	254	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Other property, plant and equipment	860	2,431	1,144	74	-	3,291	1,218	-	-	Monthly
79,990,550-7	Investigaciones Forestales Bioforest S.A. - Chile	CLP	Land	-	22	44	44	109	22	197	-	-	Monthly
79,990,550-7	Investigaciones Forestales Bioforest S.A. - Chile	CLP	Motor vehicles	30	75	91	25	-	105	116	-	-	Monthly
96,510,970-6	Maderas Arauco S.A. - Chile	CLP	Motor vehicles	3,804	11,411	25,580	5,545	-	15,215	31,125	-	-	Monthly
96,510,970-6	Maderas Arauco S.A. - Chile	CLP	Motor vehicles	126	359	732	123	7	485	862	-	-	Monthly
96,510,970-6	Maderas Arauco S.A. - Chile	CLP	Land	-	5	10	10	55	5	75	-	-	Monthly
-	Novo Oeste Gestao de Ativos Florestais S.A. - Brazil	R\$	Land	595	1,389	-	-	-	1,984	-	-	-	Monthly
96,637,330-K	Servicios Logísticos Arauco S.A. - Chile	CLP	Motor vehicles	22	67	144	15	-	89	159	-	-	Monthly
Total finance leases				23,401	59,803	139,179	63,510	128,874	83,204	331,563			

Finance leases

Forestry sector

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Santander - Chile	148	410	1,198	-	-	558	1,198	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Scotiabank - Chile	1,288	3,158	4,736	956	-	4,446	5,692	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Estado - Chile	639	1,885	1,978	-	-	2,524	1,978	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco de Chile - Chile	1,998	8,891	7,236	3,112	-	10,889	10,348	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco BBVA - Chile	545	273	-	-	-	818	-	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Credito e Inversiones - Chile	1,313	5,351	5,794	6,440	-	6,664	12,234	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco de Chile - Chile	284	690	1,040	-	-	974	1,040	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Credito e Inversiones - Chile	679	2,036	2,968	-	-	2,715	2,968	-	-	Monthly
85,805,200-9	Forestal Arauco S.A. - Chile	CLP	Banco Scotiabank - Chile	371	957	1,346	467	-	1,328	1,813	-	-	Monthly
Total finance leases				7,265	23,651	26,296	10,975	-	30,916	37,271			

Finance leases**Other sectors**

As of December 31, 2019				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
			Total finance leases	-	-	-	-	-	-	-			

As of December 31, 2018				Maturities					Total		Effective rate	Nominal rate	Repayment Terms
Debtor ID number	Debtor name	Currency	Creditor name	1 - 3 months ThUS\$	3 - 12 months ThUS\$	1 - 3 years ThUS\$	3 - 5 years ThUS\$	Over 5 years ThUS\$	Current ThUS\$	Non-current ThUS\$			
96,929,960-7	Orizon S.A. - Chile	US\$	Banco Estado - Chile	-	199	-	-	-	199	-	-	-	Maturity
			Total finance leases	-	199	-	-	-	199	-			

The aforementioned maturities include interest to be paid in each period.

Changes in obligations from financial activities were as follows:

	Opening balance as of 01.01.2019 ThUS\$	Increase (decrease) due to changes in accounting policy ThUS\$	Restated opening balance ThUS\$	Cash Flow			Accrued interest ThUS\$	Indexation & exchange differences ThUS\$	Others ThUS\$	Closing balance as of 12.31.2019 ThUS\$
				New Loans ThUS\$	Repayments ThUS\$	Interest ThUS\$				
Bank loans	2,389,993	0	2,389,993	781,669	(799,034)	(147,160)	82,897	(6,361)	(45,436)	2,256,568
Leasing liabilities	156,103	700,021	856,124	0	(139,792)	(28,352)	34,491	(19,358)	84,819	787,932
Hedging liabilities	76,393	0	76,393	0	0	(69,044)	30,283	(20,406)	141,621	158,847
Bonds and promissory notes	4,842,578	0	4,842,578	1,986,088	(630,982)	(206,276)	260,429	(103,451)	(79,031)	6,069,355
Total	7,465,067	700,021	8,165,088	2,767,757	(1,569,808)	(450,832)	408,100	(149,576)	101,973	9,272,702

	Opening balance as of 01.01.2018 ThUS\$	Cash Flow			Accrued interest ThUS\$	Indexation & exchange differences ThUS\$	Others ThUS\$	Closing balance as of 12.31.2018 ThUS\$
		New Loans ThUS\$	Repayments ThUS\$	Interest ThUS\$				
Bank loans	2,026,603	2,393,849	(1,970,751)	(124,061)	104,027	(2,525)	(37,149)	2,389,993
Leasing liabilities	136,456	0	(391)	(15)	1,855	0	18,198	156,103
Hedging liabilities	41,474	0	0	(21,241)	507	(585)	56,238	76,393
Bonds and promissory notes	4,390,836	750,273	(110,319)	(166,864)	202,089	(167,217)	(56,220)	4,842,578
Total	6,595,369	3,144,122	(2,081,461)	(312,181)	308,478	(170,327)	(18,933)	7,465,067

The Parent Company Empresas Copec S.A. and the affiliates Celulosa Arauco y Constitución S.A. and Compañía de Petróleos de Chile Copec S.A. hold 89.3% of the Company's consolidated financial borrowing, which is as follows:

	Amortized Cost		Fair Value	
	12.31.2019 ThUS\$	12.31.2018 ThUS\$	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Bonds issued in USD	3,500,942	2,061,637	3,554,538	1,948,594
Bonds issued in UF	2,397,600	2,040,575	2,039,132	2,237,439
Bonds issued in COP	77,265	643,931	77,265	643,931
Bonds issued in CLP	93,548	96,435	93,548	96,436
Bank loans in USD	1,306,256	2,008,708	1,407,455	1,937,396
Bank loans in other currencies	950,312	381,285	842,526	381,953
Finance leases	787,932	156,103	787,932	151,357
Trade and other payables	1,585,918	1,488,163	1,585,918	1,488,163

The Parent Company and the affiliates Celulosa Arauco y Constitución S.A. and Compañía de Petróleos de Chile Copec S.A. are subject to the following financial restrictions:

Instrument	Amount as of 12.31.2019 ThUS\$	Amount as of 12.31.2018 ThUS\$	Interest coverage ≥ 2.0x	Borrowing ratio ¹ ≤ 1.2x
Local bonds	2,568,413	2,137,010	N/A	√
Foreign bonds	3,500,942	2,705,568	Safeguards are not required	
Syndicated loan (1)	200,703	200,563	√	√
Banco Estado Syndicated Loan - Grayling (2)	301,452	287,565	√	√
BNP Paribas Bank ECA Loan (3)	116,259	0	√	√
Syndicated loan (4)	499,124	648,939	√	√
Other loans (4)	328,503	206,443	Safeguards are not required	

N/A: Does not apply to the instrument

(1) Borrowing ratio (financial debt divided by: equity plus non- controlling interests)

As of December 31, 2019, the risk ratings for debt instruments are as follows.

Instrument	Standard & Poor's	Fitch Ratings	Moody's	Feller Rate	ICR
Empresas Copec					
Local bonds	-	AA-	-	AA	-
Arauco					
Local bonds	-	AA-	-	AA	-
Foreign bonds	BBB-	BBB	Baa3	-	-
Organización Terpel					
Local bonds	-	AAA	-	-	-

Syndicated loans

- (1) The affiliate Celulosa Arauco y Constitución S.A. received a 3 year syndicated loan on June 25, 2013. On September 28, 2015 it was extended to September 27, 2018 and was renovated for a further 5 years to September 27, 2023. The value of the syndicated loan was ThUS\$ 200,703 as of December 31, 2019. It was agreed with The Bank of Nova Scotia (administrative agent and lead arranger), Banco del Estado of Chile - New York Branch and Sumitomo Mitsui Banking Corporation.
- (2) A 7 year loan disbursed over 2 years with repayments beginning in the fifth year was arranged through the North American affiliate of Arauco, Arauco North America, Inc (formerly Flakeboard America Limited) on April 28, 2017. The value of the loan was ThUS\$ 301,452 as of December 31, 2019. It was agreed with The Bank of Nova Scotia (lead arranger), Banco del Estado of Chile - New York Branch (administrative agent) and Export Development Canada.
- (3) On April 1, 2019, Arauco arranged an ECA (Export Credit Agency) loan with BNP Paribas Bank to finance the main MAPA project equipment. This loan carries a fixed interest rate of 1.06% and matures in December 2029.
- (4) Meanwhile, Compañía de Petróleos de Chile Copec S.A. and affiliates have international loans that mainly finance the acquisition of companies owned by Mobil Petroleum Overseas Company Ltd. and ExxonMobil Ecuador Holding B.V. The value of these loans was ThUS\$827,627 as of December 31, 2019, which include:
 - Financing signed on March 13, 2018 with The Bank of Nova Scotia and Export Development Canada for US\$150 million, with bullet maturity in March 2023, and interest at 180 day Libor plus spread.
 - An international loan with The Bank of Tokyo Mitsubishi UFJ, Ltd. was renewed on November 26, 2018 for US\$500 million, with bullet maturity in November 2023, and interest at 90-day Libor plus spread.

Financial obligations and safeguards

The consolidated financial debt totals ThUS\$9,481,502 as of December 31, 2019 (ThUS\$7,465,065 as of December 31, 2018). The group affiliates must comply with the following indicators:

i) **Celulosa Arauco y Constitución S.A.****Debt over consolidated equity
as of December 31, 2019**

	ThUS\$
Consolidated debt	
+ Short-term debt	529,217
+ Long-term debt	5,520,573
= Total Debt	6,049,790
Consolidated equity	7,334,404
Debt over consolidated equity	0.82
Limit	1.2

**Interest Coverage Ratio for the period
as of December 31, 2019**

Consolidated EBITDA	ThUS\$
+ Net Income (loss)	61,970
+ Financial costs (including capitalized interest)	
Financial costs reflected in the income statement	273,639
Capitalized Interest	24,767
- Financial income	(32,582)
+ Income tax expense	535
+ Depreciation and amortization	519,380
- Gain on changes in the fair value of biological assets	(154,705)
+ Harvested crop cost at fair value	323,271
- Other	123,353
- Exchange differences	32,507
= Consolidated EBITDA	1,172,135
Consolidated interest expense	
+ Financial costs (including capitalized interest)	298,406
- Financial income	(32,582)
= Net consolidated Interest expense	265,824
Interest coverage ratio	4.4
Minimum interest coverage ratio	2.0

ii) **Compañía de Petróleos de Chile Copec S.A.****Debt over consolidated equity
as of December 31, 2019**

Total Debt	MCh\$
All obligations on borrowed funds	1,478,607
+ Bond obligations	0
+ Notes or similar instruments	0
+ Debt guarantees from third parties	0
+ Finance lease obligations	0
+ Securitization of amounts that appear as financial debt	0
+ Debt with Empresas Copec	291,008
- Cash and cash equivalents	(198,491)
- Hedging financial assets, financial liabilities offset by hedges included in financial liabilities	(42,371)
- IFRS 16 adjustments	(306,645)
= Total Debt	1,222,108
Equity including increase (decrease) in goodwill	1,404,049
Debt / Equity	0.87
Limit	1.4

**Interest Coverage Ratio for the period
as of December 31, 2019**

EBITDA	MCh\$
+ Gross margin	943,586
+ Distribution costs	(388,726)
+ Administrative costs	(270,246)
+ Administration costs, IFRS 16 adjustments	(7,622)
+ Depreciation	129,176
+ Depreciation, IFRS 16 adjustments	(38,560)
+ Amortization	51,531
+ Dividends received from non-consolidated affiliates	12,338
= EBITDA	431,477
Interest expense	
+ Financial costs	88,813
+ Financial costs, IFRS 16 adjustments	(13,396)
- Financial income	(6,352)
Net interest expense	69,065
Interest coverage ratio	6.25
Minimum interest coverage ratio	2.0

iii) **Empresas Copec S.A.****Debt over consolidated equity
as of December 31, 2019**

Consolidated financial debt	ThUS\$
+ Other financial liabilities, current	924,951
+ Other financial liabilities, non-current	8,347,751
+ Third-party guarantees	208,800
= Total consolidated financial debt	9,481,502
Cash on hand	
+ Cash and cash equivalents	2,214,887
+ Other financial assets, current	124,918
- Derivative financial instruments:	
Forwards	(5,359)
Swaps	(117)
= Total Cash	2,334,329
Net Debt	7,147,173
Consolidated equity	
+ Non-controlling interests	506,679
+ Equity attributable to owners of the parent company	10,667,359
= Consolidated Equity	11,174,038
Borrowing ratio	0.64
Limit	1.2

**Consolidated net tangible assets
as of December 31, 2019**

	ThUS\$
+ Total issuer's assets	25,167,910
- Intangible assets other than goodwill	(977,805)
- Goodwill	(413,693)
- Total current liabilities	(3,094,142)
+ Short-term portion of long-term obligations with banks and financial institutions	317,049
+ Short-term bond obligations	360,739
Total Consolidated Net Tangible Assets	21,360,058

In addition to the financial restrictions mentioned above, some loans have restrictions on liens and dividends.

Consolidated Net Tangible Assets

In accordance with the provisions of Chapter VIII, Clause Twenty Five of the bond issue contracts between Empresas Copec S.A. and Banco Santander Chile, agreed on November 2, 2009, under Registries 21,222-2009 and 21,123-2009, as amended, and in accordance with the provisions of Chapter VII, Clause Twenty Four of the bond issue contracts between Empresas Copec S.A. and Banco Santander Chile, agreed on September 9, 2014, under Registries 28,648-2014 and 28,649-2014, as amended, we report that as of December 31, 2019, the concepts identified in subsections /a/ and /b/ of the definition of consolidated net tangible assets were ThUS\$ 317,049 and ThUS\$ 360,739, respectively (ThUS\$ 473,907 and ThUS\$ 297,671 as of December 31, 2018). In accordance with the provisions of Chapter III, Clause Ten of the contracts in Registries 21,122-2009 and 21,123-2009, and the provisions of Chapter III, Clause Nine of the contracts in Registries 28,648-2009 and 21,649-2009, we report that as of December 31, 2019 and 2018 Empresas Copec S.A. has complied with its obligations under these contracts, in particular with regard to the financial indicator defined in subsection /c/ of these clauses.

The calculation of the indebtedness ratio is as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Total consolidated financial debt	9,481,502	6,649,497
Total Cash	2,334,329	1,467,355
(A) Net debt (Total financial debt - Total cash)	7,147,173	5,182,142
(B) Consolidated equity	11,174,038	10,485,500
Borrowing ratio = (A) / (B)	0.64	0.49
Limit allowed	1.20	1.20

3.5 Other Financial Liabilities at Fair Value Through Profit And Loss

The Group has the following financial liabilities at fair value through profit and loss:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Swaps	153,711	72,246
Forwards	5,136	3,016
Total	158,847	75,262

Financial liabilities at fair value through profit and loss include both liabilities designated as such upon initial recognition and liabilities classified as tradable. Tradable liabilities and derivatives that are financial liabilities are valued at fair value. Gains and losses are recorded in the statement of net income.

This liability is included under "Current and non-current other financial liabilities".

3.6 Fair Value Hierarchy

The financial assets and liabilities that have been recognized at fair value in the consolidated statement of financial position as of December 31, 2019 have been measured using methods described in IFRS 13. These methods have been applied to each class of financial instruments and are classified by hierarchy as follows:

- Level I: Values or prices in active markets for identical assets and liabilities.
- Level II: Information from sources other than the market prices in Level I, but observable in the market for those assets and liabilities, whether directly (prices) or indirectly (obtained on the basis of prices).
- Level III: Information on assets or liabilities that is not based on observable market data.

	Fair Value	Measurement Method		
	December 2019 ThUS\$	Level I ThUS\$	Level II ThUS\$	Level III ThUS\$
Financial Assets at Fair Value				
Investment Swap (asset)	59,948	0	59,948	0
Forwards	9,937	0	9,937	0
Mutual funds	902,283	902,283	0	0
Other financial assets at fair value	8,185	8,185	0	0
Fixed income instruments	115,029	115,029	0	0
Financial liabilities at fair value				
Investment Swap (liability)	153,711	0	153,711	0
Forward (liability)	5,136	0	5,136	0
Other financial liabilities at fair value	0	0	0	0

	Fair Value	Measurement Method		
	December 2018 ThUS\$	Level I ThUS\$	Level II ThUS\$	Level III ThUS\$
Financial Assets at Fair Value				
Investment Swap (asset)	76,184	0	76,184	0
Forwards	11,615	0	11,615	0
Mutual funds	553,912	553,912	0	0
Guarantee contribution	0	0	0	0
Other financial assets at fair value	23,083	23,083	0	0
Fixed income instruments	191,054	191,054		
Financial liabilities at fair value				
Investment Swap (liability)	72,246	0	72,246	0
Forward (liability)	3,016	0	3,016	0
Other financial liabilities at fair value	0	0	0	0

3.7 Hedging Financial Instruments

Hedging financial instruments are cash flow hedges and are recorded in Other non-current financial assets and Other non-current financial liabilities depending on whether they are assets or liabilities.

The Parent Company Empresas Copec S.A. receives dividends from its fuel affiliates in Chilean pesos. However, it pays its shareholders dividends in US dollars (which are translated into Chilean pesos at the exchange rate prevailing 5 working days before the payment date). The Company mitigates this potential mismatching by entering into hedges through forward contracts with financial institutions. As of December 31, 2019, all of the amounts receivable from its fuel affiliates with regard to dividends payable in December 2019 are hedged.

As of December 31, 2019 the market value of all the forwards expressed in US dollars at the exchange rate prevailing on the reporting date is ThUS\$966 (ThUS\$3,988 as of December 31, 2018).

The affiliate Arauco is exposed to changes in the US dollar exchange rate in order to meet its bond obligations denominated in other currencies, such as bonds issued in indexed Chilean pesos (UF).

Arauco mitigates this exchange rate risk by contracting cross currency swaps for the F, J, P, R, Q, S, W and X series, with a market value of ThUS\$ (82,178) as of December 31, 2019.

Given that the affiliate Celulosa Arauco y Constitución S.A. has a high percentage of its assets in US dollars and obligations in indexed Chilean pesos, it needs to minimize its exchange rate risk. The purpose of this swap position is to eliminate uncertainty related to the exchange rate by exchanging flows from obligations in indexed Chilean pesos from the bonds described above for flows in US dollars (Arauco's functional currency) at a fixed exchange rate determined at the contract's date of execution.

These hedge instruments can be classified as highly effective under hedge effectiveness testing in accordance with IFRS 9, and within an acceptable range for Arauco in order to eliminate exchange rate risks for commitments related to hedges.

Compañía de Petróleos de Chile Copec S.A. and its affiliates comply with its risk management policy by taking out derivative contracts on interest rates and exchange rates, and classifies its hedges as:

- Cash flow hedges: Those that hedge the cash flows of the hedged underlying item.
- Fair values hedges: Those that hedge the fair value of the hedged underlying item.
- Non hedge derivatives: Financial derivatives that do not meet the requirements established by IFRS to be designated as hedge instruments. They are recorded at fair value through profit and loss (assets held for sale).

The financial derivative contracts held by Copec S.A. as of December 31, 2019 and 2018 are as follows:

Financial derivatives	December 31, 2019	
	Fair value ThUS\$	Notional value ThUS\$
Interest rate hedges	(18,237)	0
Exchange rate hedges	55,156	602,708
Derivatives not treated as hedges	(282)	247,547
Total	36,637	850,255

Financial derivatives	December 31, 2018	
	Fair value ThUS\$	Notional value ThUS\$
Interest rate hedges	(3,160)	0
Exchange rate hedges	56,585	400,000
Derivatives not treated as hedges	5,970	420,806
Total	59,395	820,806

NOTE 4. FINANCIAL RISK MANAGEMENT

- Financial risk factors:

The Group has businesses in various sectors related to natural resources and energy that operate through its affiliates and associates. The relevant risk factors vary depending on the type of business. Accordingly, the Management of each of the affiliates carries out its own risk management in collaboration with their respective business units.

As of December 31, 2019, the most important affiliates are Celulosa Arauco y Constitución S.A., which operates in the forestry sector, and Compañía de Petróleos de Chile Copec S.A., which operates in the fuel sector. Together these two companies represent approximately 88% of the Group's consolidated assets, 87% of EBITDA. Additionally, they represent around 94 % of receivables and 89% of bonds and long-term financial borrowing. Together with the Parent Company, they represent 96% of consolidated investments.

Therefore, a significant portion of the risks faced by the Group lie within these three units. The specific risks that affect each unit are analyzed below.

a) Risks associated with Empresas Copec S.A., the Parent Company

The risks of the Parent Company are fundamentally associated with its financial investments. These are exposed to a several risks, including interest rate risk and exchange rate risk and credit risk. Management provides written policies for the management of investments that establish the objectives of obtaining the maximum return for acceptable levels of risk, maintaining sufficient liquidity, and limiting exposure to the different types of risk. These policies identify the instruments that are allowed, and they establish limits by type of instrument, issuer and risk rating. In addition, they determine investment controls and procedures.

Risk management is managed by the investment department, which complies with the policies approved by Management, and has assistance from external experts. Part of the investment portfolio is managed by reputable managers, chosen in competitive processes under strict policies of diversification and limits to types of instrument, credit ratings, currencies and other criteria. These managers are in turn monitored by the Company's investment department and are subject to regular internal and external audits.

The financial instruments held by the Company have been categorized as cash or financial assets at fair value through profit and loss, as these instruments can be sold in the short term.

i) Interest rate risk

The assets affected by this risk are the Parent Company's financial investments, which in accordance with its investment policy, primarily consist of fixed-income instruments in the form of deposits, bonds, mortgage bonds, fixed-income mutual funds and other similar items. The duration is used as a measurement of the sensitivity of the portfolio's value in the face of changes in market interest rates. Given that the market value of such instruments varies according to changes in interest rates, a limit on the aggregate duration of the portfolio has been set at two years. Currently, the aggregate portfolio has duration of 0.76 years.

The Parent Company has placed bonds in the local market, specifically the BECOP-C, BECOP-E, BECOP-G, BECOP-H, BECOP-I and BECOP- K series. All of these bonds have been issued at fixed rates, thus mitigating the risk of movements in interest rates.

The table below shows the possible effects on pre-tax income of changes in the value of the Company's investment portfolio as a result of changes in interest rates:

Aggregate term (years)		0.76
Total portfolio value (US\$)		419,331,286
Interest rate sensitivity analysis		
Change in Rate	Change in Value	Total portfolio value
%	US\$	US\$
2.0%	(6,373,836)	412,957,450
1.0%	(3,186,918)	416,144,368
0.5%	(1,593,459)	417,737,827
-0.5%	1,593,459	420,924,745
-1.0%	3,186,918	422,518,204
-2.0%	6,373,836	425,705,122

ii) Exchange rate risk

The Parent Company's investment policy authorizes it to invest in U.S. dollars and Chilean pesos in order to address possible cash requirements in these currencies, which would result from the needs of certain affiliates and associates, as well as new potential businesses in which the Parent Company may wish to participate. Such resources can be invested in local or international mutual funds, term deposits under third-party management, through a specific mandate.

Variations in the exchange rate affect the value of peso-denominated instruments when expressing them in US dollars. A depreciation of the Chilean peso would have a negative effect when expressing peso-denominated investments in US dollars, whereas an appreciation of the peso would have a positive effect

As of December 31, 2019, approximately 59% of the aggregate portfolio is denominated in US dollars and 41% in Chilean pesos and UF. The Company's objective is to achieve a portfolio with approximately 50-80% in US dollars, in accordance with the forecasted use for its investments.

A table showing the possible effects on pre-tax income of changes in the value of the investment portfolio (measured in US dollars), as a result of fluctuations in the exchange rate, is presented below:

Percentage of portfolio in Chilean pesos			41.1%
Total portfolio value (US\$)			419,331,286
Exchange rate sensitivity analysis			
	Change in Rate	Change in Value	Total portfolio value
	%	US\$	US\$
Depreciation	10.0%	(17,254,650)	402,076,637
	5.0%	(8,627,325)	410,703,961
Appreciation	-5.0%	8,627,325	427,958,612
	-10.0%	17,254,650	436,585,936

Additionally, the Company consolidates affiliates that perform their accounting in Chilean pesos, which is the case for Compañía de Petróleos de Chile Copec S.A., Abastible S.A., Inmobiliaria Las Salinas Limitada and Sociedad Nacional de Oleoductos S.A., which record their financial information as described in Note 2.4 (c). The consolidated net income of Empresas Copec S.A. can be affected by movements in the exchange rate when the peso-denominated results of these affiliates are converted to US dollars. Likewise, affiliates such as Celulosa Arauco y Constitución S.A. and the affiliates in the fishing sector are also affected by movements in the exchange rate, as a portion of their operating costs are denominated in Chilean pesos.

The Parent Company has placed bonds in the local market from the C, E, G, H, I and K series. Although the nominal currency of these liabilities is mostly UF and differs from the US dollar, which is the Parent Company's functional currency, these bonds have been transferred to the fuels sector affiliates, whose functional currency is the Chilean peso, to eliminate consolidated exposure to this exchange risk. This transfer also eliminates all liquidity risk at the Parent level.

iii) Credit risk

The financial investments held by the Parent Company consist predominantly of fixed-income instruments. In accordance with the investment policy, limits per issuer and limits on the categories of instrument have been

established, depending on the risk rating of such issuers. In this regard, risk ratings must be issued by recognized local or international rating agencies.

The main counterparties as of December 31, 2019 and 2018 are detailed as follows:

Main counterparties	12.31.2019		12.31.2018	
	%	Value US\$	%	Value US\$
Santander Mutual Funds	10.70%	45,063,270	5.90%	23,427,240
Banchile Fondos Mutuos	9.20%	38,703,846	5.10%	19,961,488
Santander Mutual Funds	8.70%	36,346,442	2.20%	8,641,115
BCI Fondos Mutuos	8.50%	35,837,612	10.10%	39,459,194
Banco ItauCorp	8.30%	34,668,296	9.20%	36,224,030
Scotiabank Mutual Funds	8.10%	33,920,580	4.30%	17,008,973
Banco BCI	7.90%	33,023,978	5.10%	20,200,554
Banco Scotiabank	6.30%	26,534,701	5.80%	23,007,730
The US Treasury	3.90%	16,402,357	3.00%	11,971,035
Bice Mutual Funds	3.20%	13,282,752	4.50%	17,900,819
BNP Paribas New York	3.20%	13,447,252	0.00%	0
Banco Security	1.60%	6,512,760	3.60%	14,237,952
JP Morgan NY	0.00%	0	7.60%	30,193,387
Banco Estado	0.00%	0	7.90%	31,378,593
Banco Chile	0.00%	0	3.80%	14,825,144
Citibank New York	0.00%	0	1.10%	4,479,446
Banco Santander	0.00%	0	0.40%	1,627,579
BTG Pactual Mutual Funds	0.00%	0	0.40%	1,606,354
Others	20.40%	85,587,440	20.00%	78,868,886
Total	100.00%	419,331,286	100.00%	395,019,519

b) Risks associated with Celulosa Arauco y Constitución S.A. (forestry sector)

The affiliate's financial assets are exposed to a number of financial risks: credit risk, liquidity risk and market risk (including exchange rate risk, interest rate risk and price risk).

The global risk management program considers uncertainty in the financial markets and tries to minimize the potential adverse effects on financial yields.

Financial risk management is administered by the Corporate Finance department. This department identifies, evaluates and hedges financial risks in close collaboration with the operating units. The Company does not actively participate in the trading of its financial assets for speculative purposes.

i) Credit risk

Credit risk refers to financial uncertainty over several periods of time, in relation to the fulfillment of obligations subscribed by counterparties at the point in time when contractual rights to receive cash or other financial assets are exercised.

Arauco's exposure to credit risk is directly related to the individual ability of its customers to fulfill their contractual commitments and is reflected in trade receivables, leasing receivables and miscellaneous receivables. Credit risk also arises for assets that are held by third parties such as deposits, covenants and mutual funds.

Arauco has insurance policies that minimize the credit risk on term sales (Open Account) in accordance with its policy that covers the export sales of Celulosa Arauco y Constitución S.A., Maderas Arauco S.A., Forestal Arauco S.A., and Arauco do Brasil S.A., and for the local sales of Araucomex Servicios S.A. de C.V., Arauco Colombia S.A., Arauco Perú S.A., Arauco North America Inc., Arauco Canada Ltd., Celulosa Arauco y Constitución S.A., Maderas Arauco S.A., Arauco Florestal Arapoti, Arauco Forest Brasil S.A., Arauco do Brasil S.A. Arauco Industria de Paiméis Ltda. and Arauco Nutrientes S.P.A. Arauco uses the credit insurance company Euler Hermes World Agency (AA3 rating according to the risk-rating company Moody's and AA according to S&P), with 90% coverage of each invoice with no deductible for nominated customers, and 90% for discretionary customers. Discretionary customers have been granted credit lines less than ThUS\$100 (or its equivalent in the invoicing currency) in local sales for Arauco Perú S.A., Arauco Colombia S.A., Arauco México S.A. de C.V., Arauco Do Brasil S.A., Arauco Argentina S.A. and Maderas Arauco S.A. Nominated customers have been granted credit lines over this value.

In order to support a line of credit approved by the Credit Committee, Arauco has guarantees such as mortgages, pledges, stand-by letters of credit, bank guarantees, checks, promissory notes, loans and other similar items that could be enforced in accordance with the legislation of each country. The debt covered by these guarantees amounts to US\$105.22 million as of December 31, 2019. The guarantee procedure is regulated by the guarantee policy, the purpose of which is to control the accounting, expiration and valuation of guarantees.

The Credit and Collections area reports to the Treasury department and is responsible for minimizing the credit risk of receivables. This area monitors overdue accounts and approves or denies credit limits for all term sales. The standards and procedures for the proper control and management of the risk of sales on credit are governed by the Credit Policy.

A procedure for the approval and modification of customer lines of credit has been established and must be followed by all companies belonging to the Arauco group. Requests for lines of credit are registered in a Credit Evaluation model, where all available information is analyzed, including the amount of the line granted by the credit insurance company. Subsequently, these requests are approved or denied by the internal committees in each company belonging to the Arauco group, according to the maximum amount authorized by the Credit Policy. If the line of credit exceeds that amount, it is analyzed by the Corporate Committee. Credit lines are renewed annually through this internal process.

As of December 31, 2019, Arauco's trade receivables totaled ThUS\$ 575,178, of which 65.2% were sales on credit, 34.1% were sales with letters of credit, and 0.7% were other sales. These receivables covered 2,918 debtors. The customer with the greatest Open Account debt represented 1.8% of total receivables as of that date.

Arauco has not entered into any refinancing or renegotiations with its customers, which involve amendments to invoice due dates. Any renegotiation of debt with a customer, if necessary, will be analyzed on a case by case basis and must be approved by the Corporate Finance Department.

Sales on credit (Open Account) covered by various insurance policies and guarantees amount to 95.4% of the total, consequently Arauco's portfolio exposure amounts to 4.6%.

Sales with letters of credit are mainly to the Asian and Middle East markets. The creditworthiness associated with banks issuing letters of credit is regularly evaluated, in order to obtain a score based on ratings issued by the main risk raters, their country risk and their financial statements. Depending on the result of this evaluation, the issuing bank is either approved or a confirmation of the letter of credit is requested.

All sales are controlled using a credit verification system, the parameters of which have been defined to block orders from customers that have a certain percentage of overdue payments or whose line of credit has been exceeded or expired at the time the product would be shipped.

Debtors by net sales per range as of December 31, 2019 and 2018 respectively were as follows:

December 31, 2019

Days	Not Overdue	1-30	31-60	61-90	91-120	121-150	151-180	181-210	211-250	Over 250	Total
ThUS\$	531,881	28,469	899	309	18	846	22	34	389	12,311	575,178
%	92.47%	4.95%	0.16%	0.05%	0.00%	0.15%	0.00%	0.01%	0.07%	2.14%	100.00%

December 31, 2018

Days	Not Overdue	1-30	31-60	61-90	91-120	121-150	151-180	181-210	211-250	Over 250	Total
ThUS\$	688,024	59,844	854	36	111	43	141	127	69	14,481	763,730
%	90.09%	7.84%	0.11%	0.00%	0.01%	0.01%	0.02%	0.02%	0.01%	1.89%	100.00%

Arauco has implemented a Guarantee Policy in order to control accounting, valuation and expiration dates of guarantees received, and a Corporate Credit Policy.

Regarding the credit risk of term deposits, repurchase agreements and mutual funds, Arauco has a policy that minimizes this risk through guidelines for managing cash flow surpluses in low-risk institutions.

Investment policy:

The affiliate Arauco has an investment policy that identifies and limits the financial instruments and the entities in which the companies, in particular Celulosa Arauco y Constitución S.A., are authorized to invest.

Treasury management is handled centrally in Chile. The Parent Company invests, deposits surplus cash, and arranges short and long-term borrowing from banks, financial institutions and the public. The exception to this rule occurs in short and long-term debt subscriptions for specific transactions that must be carried out through other companies, in which case the express authorization of the Corporate Manager at Arauco is required.

Investments are restricted to fixed income instruments with appropriate liquidity. Each type of instrument has a rating and certain limits apply depending on its duration and issuer.

Intermediaries (banks, stockbrokers and mutual funds agencies, and these latter two must be affiliates of banks) are subject to a process that evaluates the relative degree of risk of each bank or financial institution in terms of its financial statements and securities. Each institution is assigned a score, which ultimately determines a relative risk ranking that Arauco uses to define the investment limits for each institution.

The background information that is necessary to evaluate these various criteria is obtained from the official financial statements of the banks and from the rating of their current short and long-term debt securities, as defined by the supervisory organization, the FMC, and assigned by the risk rating agencies authorized by this organization, which in this case are Fitch Ratings Chile, Humphreys and Feller Rate.

Any exceptions that may be necessary, mainly in relation to the investment limits in a particular instrument or entity, must be expressly authorized by the Chief Financial Officer at Arauco.

ii) Liquidity risk

Liquidity risk is the ability to meet payment obligations as they fall due. The exposure to liquidity risk affects obligations with the public, banks and financial institutions, creditors and other payables, and it is related to the ability to meet net cash requirements under both normal and exceptional conditions.

The Finance department constantly monitors the Company's cash projections on the basis of short and long-term forecasts, as well as forecasts of alternative financing options available. The Company has an investment policy, in order to control the risk exposure for its available financial assets.

The capital committed under each of the main financial liabilities subject to liquidity risk is detailed in the table below and grouped by maturity date:

(Thousands of US dollars)	December 2019					Total
	Under 1 month	1 - 3 months	3 months to 1 year	1 - 5 years	Over 5 years	
Maturity						
Finance leases	0	23,401	59,803	202,689	128,874	414,767
Bank loans	0	74,088	131,846	760,758	68,044	1,034,736
Bonds issued in UF and US dollars	0	29,147	400,570	1,566,073	6,197,271	8,193,061
Total	0	126,636	592,219	2,529,520	6,394,189	9,642,564

(Thousands of US dollars)	December 2018					Total
	Under 1 month	1 - 3 months	3 months to 1 year	1 - 5 years	Over 5 years	
Maturity						
Finance leases	0	7,265	23,651	37,271	0	68,187
Bank loans	0	84,778	130,271	616,932	203,906	1,035,887
Bonds issued in UF and US dollars	0	27,802	262,069	1,272,907	2,428,202	3,990,980
Total	0	119,845	415,991	1,927,110	2,632,108	5,095,054

iii) Market risk - exchange rate

This risk arises from the likelihood of losses from changes in the exchange rates of the currencies in which the assets and liabilities of Arauco are denominated other than its functional currency.

The affiliate Arauco is exposed to the risk of changes in the exchange rate of the US dollar (functional currency) with respect to sales, purchases and obligations that are denominated in other currencies, such as the Chilean peso, Euro, Real or others. The Chilean peso is the currency with the greatest risk in the event of a significant exchange rate fluctuation.

Sensitivity analyses are performed to determine the effect of this variable on equity and net income for the business.

The sensitivity analysis assumes a variation of + / - 10% in the closing exchange rate to the Chilean peso. Keeping all other variables constant, a US dollar exchange rate variation of +/- 10% in relation to the Chilean Peso would mean a change in the net income after tax for the last 12 months of +/- 2.97% (equivalent to +/- ThUS\$ 1,839), and a change in equity of +/- 0.01% (equivalent to +/- ThUS\$ 1,103).

iv) Market risk – interest rate

Interest rate risk refers to the sensitivity of the value of financial assets and liabilities to changes in interest rates.

The affiliate Arauco is also exposed to the risk of changes in the interest rate on obligations to the public, banks and financial institutions and variable-rate interest-bearing financial instruments.

The affiliate Arauco performs a risk analysis by reviewing the exposure to changes in the interest rate. As of December 31, 2019, 11% of bonds and loans with banks accrue interest at a variable rate. Therefore, a change of +/- 10% in the interest rate would have an effect of +/- 2.04% on net income after tax for the last 12 months (equivalent to +/- ThUS\$1,263) and a change in equity of +/- 0.01% (equivalent to +/- ThUS\$758).

v) Market risk – Wood pulp price

The price of wood pulp is determined by the world market and by conditions in each regional market. Prices fluctuate as a function of demand, production capacity, business strategies adopted by large forestry companies and pulp and paper producers, and the availability of substitutes.

The prices of wood pulp are reflected in the operating revenue in the statement of income and directly affect net income for the period.

As of December 31, 2019, operating revenue from the sale of wood pulp represented about 43.6% of total revenue. Forward contracts and other financial instruments are not used for wood pulp sales; instead, the price is set on a monthly basis according to the market.

This risk is handled in a number of ways. Arauco has a specialized team that performs regular market and competition analyses, providing tools to evaluate trends and adjust forecasts accordingly. Similarly, financial sensitivity analyses on variable prices enable the company to take the precautions required to address various situations. Additionally, Arauco mitigates the risk of pulp prices by maintaining a strategy of low-cost production, allowing it to deal with possible price fluctuations in economic cycles.

The sensitivity analysis assumes a variation of + / - 10% in the average price of cellulose. If all other variables remain constant, a change of +/- 10% in the average price of wood pulp would result in a change of +/- 269.4% in net income before tax for the last 12 months (equivalent to +/- US\$167.0 million) and +/- 1.36% in equity (equivalent to +/- US\$100.2 million).

The changes shown in the reported sensitivity analysis for exchange rates, interest rates and cellulose prices, are fluctuation ranges that are considered possible given current market conditions.

c) Risks associated with Compañía de Petróleos de Chile Copec S.A. (fuel sector)

The business at Copec S.A. and its affiliates is exposed to a number of financial risks, specifically market risk, credit risk, interest rate risk, liquidity risk and investment in foreign assets risk, with Copec S.A., its Colombian affiliate Organización Terpel S.A. and the US affiliate Mapco as the companies most exposed to these risks.. Risk management at these companies is based on the diversification of the business and of customers, the financial evaluation of customers, and the use of derivative instruments when required.

Risk management at Copec S.A is administered by the Finance department in accordance with the guidelines issued by the Company's general management and Board of Directors. Risk management at Organización Terpel S.A. is performed at similar hierarchical levels. Specifically, the Board of Directors is responsible for establishing and supervising the risk management structure, and management at the affiliate ensures compliance with its standards and procedures. Financial risk at Mapco Express Inc. is managed by the Finance and Administration Department in accordance with the policies approved by Senior Management and the Board of Directors. Then in all three cases, financial risks are identified, assessed and covered jointly by the financial, operating and commercial departments in each company.

An analysis of each risk is presented separately.

i) Exchange rate risk

Copec S.A.

The primary market risk facing the company is the exchange rate risk (Chilean peso/U.S. dollar) resulting from fuel import transactions on the Chilean market and export transactions, both of which are very-short-term operations.

Management has established a policy of managing the risk of exchange rates between foreign and local currency, in order to minimize the net exposure in foreign currency. The Company's Finance department achieves this using

forward contracts with local financial entities. These contracts have very short terms: less than 30 days for fuel import hedges and around 30 days for export transactions.

The exchange rate risk of financial investments in foreign currency is not managed, as these are operating positions of one or two days.

The Company has international loans of US\$650 million, of which US\$500 million has a bullet structure, quarterly interest payments and will mature in November 2023. The notional and interest components of this loan facility are entirely covered by *cross currency swap* contracts. The remaining US\$150 million has a bullet structure with interest paid every six months at variable rates (Libor) and will mature in March 2023. Both the notional amount and interest are not covered with hedging instruments, because the debt was used to finance investment abroad in the US company Mapco Express Inc.

As of December 31, 2019, the Company has hedging derivative instruments to cover the foreign exchange risk associated with international loans and fuel imports.

Sensitivity analysis on changes in the exchange rate of total payables in US dollars including the aforementioned loan for US\$650 million, using the formal US dollar exchange rate as of January 1, 2020, is as follows:

ThUS\$	Change %	Ch\$/US\$	Investment MCh\$	(Loss) Gain MCh\$	(Loss) Gain MUS\$
870,789	15%	861.05	749,793	(97,799)	-131
870,789	10%	823.61	717,194	(65,199)	-87
870,789	5%	786.18	684,594	(32,600)	-44
870,789	-	748.74	651,994	0	0
870,789	-5%	711.30	619,395	32,600	44
870,789	-10%	673.87	586,795	65,199	87
870,789	-15%	636.43	554,195	97,799	131

Organización Terpel and affiliates

Risk management individually assesses each risk exposure. This assessment determines whether financial hedge instruments are taken out, whether there are natural hedging mechanisms in place, or whether the associated risk is simply assumed, because it is not considered to be critical for the business and the transaction.

Foreign exchange transactions involving trade creditors and other payables in Colombia, exceed foreign exchange transactions involving trade and other receivables by 36% as of December 31, 2019, meaning 64% of these transactions are covered. This mitigates a large proportion of the Group's exchange rate risk exposure, as those foreign currencies collected are entirely used to pay suppliers and/or third parties that bill in US dollars and require payment in that currency. Foreign exchange requirements vary every month. When surpluses arise, these are held in reserve to meet future payment commitments and/or sold when the exchange rate is favorable. Otherwise management buys foreign exchange at the best market rate to meet its foreign currency commitments. Each Terpel

affiliate uses the locally accepted currency in its country, and financial borrowing is also in this local currency in order to avoid any foreign exchange exposure. Treasury departments in various countries cover all of their requirements locally.

Mapco Express, Inc.

Mapco is not significantly exposed to foreign exchange risks on trade receivables, other receivables, payables and financial obligations, as all transactions are denominated in US dollars, which is the local currency.

ii) Fuel price risk

Copec S.A.

Inventory values are affected by fluctuations in international fuel prices. Therefore, the Company is constantly analyzing hedge possibilities to match this risk.

There are no hedging financial instruments for the price of fuel as of December 31, 2019

However, considering year end fuel inventories, potential positive price changes of 2.5% and 5.0% would have a favorable effect on net income of ThUS\$5,739 and ThUS\$11,479, respectively. Although negative price changes by these percentages would have an unfavorable effect on net income of the same values.

iii) Interest Rate Risk

Copec S.A.

The Company has no significant short-term investments, other than those related to cash variations, which are invested over a period from 1 to 7 days. Business income and expenses are independent of changes in interest rates. Therefore, no significant financial risk exists.

Management understands that there is no significant interest rate risk on short-term financial liabilities, as these liabilities relate to the financing of operating cash flows, with terms mainly between 1 and 90 days.

Furthermore, the syndicated loan signed by Copec S.A. is subject to international interest rate risk. This 5 year loan financed the acquisition of its affiliates in Colombia, at an interest rate of Libor 90 days. Copec S.A. policy is to individually evaluate the use of interest rate swaps to mitigate the risk associated with variable rates. Currently the loan with an interest rate of Libor 90 days is entirely covered, so the interest rate in CLP is fixed. This loan was refinanced at the end of 2018.

Also, there are three long-term loans with Empresas Copec, one for ThUF2,470, one for ThUF5,344 and another one for MCh\$67,840. The first one matures in October 2024, the second one in November 2030 and the third one on September 15, 2023. The first two have bullet repayments at maturity and pay interest of ThUF150 semi-annually. The third one pays interest semi-annually and principal repayments begin in year five.

Organización Terpel and affiliates

- Cash flow sensitivity analysis for variable rate instruments

Terpel Group's debt as of December 31, 2019 is ThUS\$ 796,940 of which 9% is at a fixed rate and 91% is at a variable rate.

Cash surpluses are mainly held in savings accounts and collective sight portfolios, a market rate of return is received.

The loans are taken with a prepayment option without penalty, which permits the debt to be restructured at any time if market conditions change. The company has no interest rate hedges.

The variable-rate debt in Colombia is composed of bonds and short-term Treasury bills. They represent 88% and 12%, respectively of total variable-rate debt. Bonds issued in Colombia at a variable rate are indexed to the CPI for 12 months. As of December 31, 2019, the outstanding amount is ThUS\$ 562,646. A loss of ThUS\$ 66 would arise following an increase of 5 points, and a gain of ThUS\$ 85 would arise following a similar decrease.

Debt taken as syndicated corporate loans and Treasury bills in Colombia is indexed to the latest half yearly RBI (Reference Bank Indicator). As of December 31, 2019, the outstanding amount is ThUS\$ 68,865. A change of 5 basis points in this indicator by the end of the reporting period is possible. The effect of an increase of 5 points would be a loss of ThUS\$ 9 and a gain of ThUS\$ 9 given the same decrease.

The interest rates on the Panama and Ecuador loans are indexed to the Libor, and equivalent to ThUS\$ 91,881. A loss of ThUS\$ 11 would arise following an increase of 5 Libor basis points, and a gain of ThUS\$ 11 would arise following a similar decrease.

Leasing debt in Colombia as of December 31, 2019 is ThUS\$ 5,840 and the weighted average contract rate is 0.82%. This debt is indexed to FTD (Fixed Term Deposit) movements. The change in the DTF was 0.0024% last quarter. Such an increase would generate a loss of US\$440, or such a decrease would generate a gain of US\$440.

- Sensitivity analysis on fair values of fixed-rate instruments:

Fixed rate financial liabilities are not recorded at fair value through profit and loss, and derivatives are not used as hedging instruments. Therefore, they cause no risk exposure.

Mapco Express, Inc.

Mapco has no short-term investments. Revenue and expenses are independent of fluctuations in interest rates. Consequently, there is no significant financial risk. Management understands that neither is there any significant interest rate risk on its short-term financial liabilities. Mapco has financial leases with a fixed interest rate of 4.65%.

iv) Credit risk

Copec S.A.

The Company faces credit risk resulting from the composition of its portfolio of trade receivables and its portfolio of financial investments.

The Company assigns a credit line to each customer, after performing an individual analysis of their financial and market condition, in order to manage the credit risk of trade receivables in Chile. The Finance department is responsible for performing this analysis for customers with lines exceeding UF 1,000, and the administrative units of the sales department perform this analysis for customers with lines below UF 1,000. As of December 31, 2019, customers under UF1,000 make up 7.40% of the portfolio, and customers over UF1,000 make up 92.6% of the portfolio. The Company produces reports by customer indicating the daily status of its portfolio, which is analyzed into accounts that are not yet due, late and overdue. In the latter case, collection action may be taken.

The Finance department issues monthly reports on the status of the portfolio, and the Chief Executive Officer holds regular meetings with the sales and finance departments to analyze the status of the overall portfolio, as well as the portfolios of individual customers, in order to take corrective action if necessary. The Company can block customers that have not fulfilled their payment commitments or have reached their credit limits.

The following table shows the arrears percentage by net sales as of December 31, 2019 and 2018 respectively:

December 31, 2019

Days	Not Overdue	1-30	31-60	61-90	91-120	121-150	151-180	181-210	211-250	Over 250	Total
ThUS\$	770,993	55,058	13,890	3,477	2,523	2,506	2,381	514	1,828	7,487	860,657
%	89.58%	6.40%	1.61%	0.40%	0.29%	0.29%	0.28%	0.06%	0.21%	0.87%	100.00%

December 31, 2018

Days	Not Overdue	1-30	31-60	61-90	91-120	121-150	151-180	181-210	211-250	Over 250	Total
ThUS\$	795,062	67,910	19,431	6,874	1,083	753	955	1,994	692	8,691	903,445
%	88.00%	7.52%	2.15%	0.76%	0.12%	0.08%	0.11%	0.22%	0.08%	0.96%	100.00%

The Company has a portfolio of financial investments to manage surplus cash; the terms of investment for this portfolio are mostly around one to seven days. In order to manage this credit risk, Management has established an investment policy for fixed-income instruments with low-risk financial entities. The Finance department manages these investments, and establishes a group of financial entities in which investment is authorized and assigns a maximum credit line and portfolio composition to each entity. The credit lines per institution are granted on the basis of an analysis of equity and solvency risk for banks and equity, and composition and term for mutual funds.

Organización Terpel and affiliates

Credit risk is the risk of financial loss if a customer or counterparty to a financial instrument fails to meet its contractual obligations, which arises mainly on trade receivables, other receivables and cash and cash equivalents.

Working capital or revolving loans are granted specifically for the purchase of products marketed by the Group. All loans granted must comply with the information requirements established according to the type of customer and the guarantee offered. The documentation submitted must ensure that the Group has all the information required to understand its customers and their general, commercial and taxation circumstances and a general understanding of the customer's financial situation.

The exposure to credit risk is affected mainly by the individual characteristics of each customer, segment and country.

The Group's risk policy requires a financial analysis of each new individual customer based on external ratings, when available. This process is performed before the start of the business relationship. Lines of credit and credit limits are established for each customer and approved in accordance with levels of authorization established by the Board of Directors. Customer's lines of credits are constantly reviewed and adjusted according to the customer's creditworthiness and business need.

All active customers in risk centers are reviewed on a semi-annual basis to monitor whether their financial position has been impaired. The report from this review determines the need for an additional guarantee, annulment of the credit, sale against prepayment, or even annulment of the business relationship if the risk is sufficiently high.

The Group monitors the economic and political environment in its operating countries in order to make prompt decisions regarding credit extended to customers.

More than 48% of the Group's customers have carried out transactions with it for more than 4 years and no impairment losses have been recognized against these customers. When monitoring the customer's credit risk, these are grouped according to their credit characteristics.

Trade and other receivables where payment delays are possible are monitored weekly using portfolio reports for every business and customer. These reports are used to determine when to suspend services, amend credit terms and/or require guarantees, as appropriate.

The Terpel Group has established a guarantee requirement, which covers trade receivables in case of non-payment. This guarantee is pledged by certain customers and sectors that allow it for business purposes. The guarantees accepted by Terpel Group include mortgages up to 75% of the commercial appraisal, payment compliance policies, endorsed Fixed Term Deposit Certificates, and bank guarantees. Furthermore, Terpel Group has taken out credit insurance policies.

Approximately 41% of the portfolio in Colombia was supported by guarantees as of December 31, 2019.

The Group has no significant concentrations of credit risk and has policies to ensure that wholesale sales are to customers with an appropriate credit history.

The maximum credit risk exposure for trade receivables, other receivables and cash and cash equivalents by geographical region at the reporting date was:

Credit risk exposure by geographical location	2019 ThUS\$
Colombia	264,446
Peru	47,759
Panama	54,641
Ecuador	31,556
Dominican Republic	14,257
Chile	500
Total	413,159

The Terpel Group had cash and cash equivalents of ThUS\$109,259 as of December 31, 2019, which represents its maximum credit risk exposure on these particular assets. Cash and cash equivalents are held at banks and financial institutions with AAA credit ratings.

The Terpel Group's policy is to evaluate and approve a corporate guarantee for its affiliates if required by financial institutions.

Mapco Express, Inc.

Credit risk is the risk of financial loss for Mapco, if a customer or counterparty for a financial instrument does not comply with its contractual obligations, and arises mainly from Mapco's cash and cash equivalents, trade credits and other receivables. Any loan granted by Company must comply with the information requirements applicable to that customer and guarantee. The documentation submitted must ensure that Mapco has all the information required to understand its customers and their general, trade and taxation circumstances and a general understanding of that customer's financial situation.

Mapco's exposure to credit risk within its trade and other receivables is influenced mainly by the individual characteristics of each customer and segment. Mapco has established a credit policy, which requires that each new customer is individually analyzed to determine their creditworthiness, before they are offered Mapco's general delivery and payment conditions. Mapco's analysis includes external credit ratings, when available. Purchase limits are established for each customer without Board approval. These limits are constantly reviewed and adjusted according to the customer's creditworthiness and business need.

v) Liquidity risk

Copec S.A.

The Company's liquidity management policy aims to provide sufficient cash to meet its liabilities. As of December 31, 2019, 62.89% of sales were made through concessionaires, which are very fragmented, with an average payment term of less than 3 days, and 34.63% of sales were made to low-risk industrial customers (with A and B ratings from a scale from A to D, where A is the lowest risk), with an average credit terms of less than 40 days. Therefore, for the purposes of liquidity risk management, the Finance department uses a period of 60 days for its daily cash flow forecasts, and it has access to immediately-available lines of credit with the main financial entities in the local market, which are solvent and have good risk ratings.

As of December 31, 2019, the Company has liquidity of US\$122 million in cash and cash equivalents and US\$71 million in long term unconditional lines of credit. Also at December 31, 2018, the Group had liquidity of US\$162 million in cash and cash equivalents and US\$77 million in long term unconditional lines of credit.

Organización Terpel and affiliates

The Terpel Group monitors this risk every day through Treasury positions and forecasts, which uses the obligations and surpluses of cash to determine its cash sources and destinations.

The Terpel Group's objective is to maintain a balance between continuity and flexibility of funding using bank overdrafts, bank loans and lease contracts, among others.

The Terpel Group aims to hold sufficient cash, cash equivalents and other sight investments to meet all of its cash requirements. The current debt profile enables the Group to meet its debt servicing commitments as they fall due.

As of December 31, 2019, the Group has approved credit facilities of US\$90 million, of which US\$89.4 million is available to be used as overdrafts, treasury credit or both short and long term finance. Interest rates are agreed at the time the obligation is acquired, in accordance with market conditions.

Mapco Express, Inc.

Liquidity risk is the risk that Mapco will encounter difficulties in meeting its obligations associated with its financial liabilities that are settled by disbursing cash or other financial assets. Mapco and its affiliates monitor this risk on a daily basis, as its treasury department forecasts and monitors its obligations and cash surpluses, to determine the source and destination of its financial resources. The objective is to maintain a balance between the continuity and flexibility of funding using bank overdrafts, lease contracts and other sources.

Mapco aims to hold sufficient cash resources to meet its financial liabilities falling due in the next 30 days. The current debt profile enables it to meet its debt servicing commitments as they fall due.

vi) Investment in foreign assets risk

Copec has foreign investments as of December 31, 2019 that control 58.52% of the Colombian company Organización Terpel S.A. and its affiliates, whose functional currency is the Colombian peso, and all of the US company MAPCO, whose functional currency is the US dollar. As a result, Copec is exposed to an equivalent of MCOP\$2,152,000 for Terpel in its consolidated statement of financial position as of December 31, 2019, and US\$579 million for MAPCO. The effects of significant exchange rate changes are recorded in reserves.

Sensitivity analysis was performed on the exposure resulting from the investment in Colombia, which is as follows:

Investment MCOP	Change %	Ch\$/COP\$	Investment MCh\$	(Loss) Gain MCh\$	(Loss) Gain MUS\$
2,152,000	15%	0.2619	563,691	73,525	33
2,152,000	10%	0.2505	539,183	49,017	65
2,152,000	5%	0.2392	514,674	24,508	98
2,152,000	-	0.2278	490,166	0	0
2,152,000	-5%	0.2164	465,658	(24,508)	(3)
2,152,000	-10%	0.2050	441,149	(49,017)	(65)
2,152,000	-15%	0.1936	416,641	(73,525)	(98)

An additional sensitivity analysis was performed on the exposure due to investments in the USA, as follows:

Investment ThUS\$	Change %	Ch\$/US\$	Investment MCh\$	(Loss) Gain MCh\$	(Loss) Gain MUS\$
578,758	15%	861.0500	498,340	65,001	87
578,758	10%	823.6100	476,673	43,334	58
578,758	5%	786.1800	455,006	21,667	29
578,758	-	748.7400	433,339	0	0
578,758	-5%	711.3000	411,672	(21,667)	(29)
578,758	-10%	673.8700	390,005	(43,334)	(58)
578,758	-15%	636.4300	368,338	(65,001)	(87)

Management does not have any financial hedges covering its foreign businesses, since investing abroad implies accepting the currency exchange risk of that country as an indivisible component of the business. Each affiliate should have an optimum capital structure from a risk classification perspective. Therefore, each affiliate's borrowings should be in the same currency as its assets, in order to eliminate fluctuations in equity in the functional currency. If borrowings are below or above the optimum, these differences in each affiliate may be managed by Copec Combustible using financial instruments.

NOTE 5. ESTIMATES, JUDGEMENTS AND ACCOUNTING CHANGES

The preparation of consolidated financial statements in accordance with the accounting records detailed in Note 2 requires Management to make subjective estimates and assumptions, which affect the reported amounts. The estimates are based on historical experience and various other assumptions that are believed to be reasonable, but actual results may differ from those estimates. Management believes that the accounting estimates presented below represent issues that require judgment that can lead to major changes in the financial statements.

The Group makes estimates and judgments in relation to the future. The resulting accounting estimates, by definition, will rarely be equal to the corresponding actual results. There are no significant risks that could cause a material adjustment to the consolidated financial statements as of December 31, 2019.

a) Staff severance indemnities

The present value of obligations for staff severance indemnities depends on a number of factors that are based on actuarial methods using various assumptions, including the interest rate, staff turnover rates, salary increments, discount rates, and inflation rates. Any changes in these assumptions will affect the book value of these obligations. Additional information about the assumptions is presented in Note 20.

b) Biological assets

The valuation of plantations is based on discounted cash flow models, using the cash flows from continuing operations; on the basis of sustainable forest management plans, considering the growth potential of the plantations. This valuation is performed on the basis of each identified stand and for each tree species.

These discounted cash flows require estimates about the growth, harvest, sales price and costs. Therefore, the quality of the estimates of future sales and cost trends is important, as are regular studies of the plantations to establish the volumes of timber available for harvest and the current growth rates. The main considerations used for the calculation of the valuation of forestry plantations are presented in Note 7.

c) Taxes

Tax assets and liabilities are reviewed regularly, and the balances are adjusted accordingly. The Group considers that it has recorded sufficient provisions to cover future taxation obligations, on the basis of current events, circumstances and tax laws. However, the tax position could change, giving rise to different results and having a significant impact on the amounts in the consolidated financial statements (See Note 2.15b).

d) Lawsuits and contingencies

Empresas Copec S.A. and its affiliates are involved in lawsuits that have not yet been resolved, the future effects of which must be estimated by the Company's Management, in collaboration with its legal advisors. The Company

uses its judgment to interpret the reports of its legal advisors, who update their estimates as of each period-end and after each substantial modification in these lawsuits.

e) Goodwill

Goodwill is the excess acquisition cost over the fair value of the Group's share of the acquired affiliate's net identifiable assets on the acquisition date. Fair value is determined either on the basis of valuations or the discounted cash flow method using assumptions, such as sales prices, industry indices, and other assumptions.

f) Measurement of fair value

Several of the Group's accounting policies and disclosures require it to measure the fair value of financial and non-financial assets and liabilities.

The Group has established a control framework for measuring fair values. This includes a valuation team, which has overall responsibility for supervising all significant fair value measurements.

The valuation team regularly reviews the significant non-observable variables and valuation adjustments. When third party information is used to measure fair values, such as broker's quotes or pricing services, the valuation team evaluates the evidence provided by those third parties to support the conclusion that these valuations satisfy the requirements of IFRS, including the corresponding valuation level within the fair value hierarchy.

When measuring the fair value of an asset or liability, the Group uses observable market data whenever possible. Fair values are classified into levels within a fair value hierarchy that are based on the variables used by the estimation technique, as follows:

- Level 1: quoted (unadjusted) prices in active markets for identical assets and liabilities.
- Level 2: data other than the quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. prices) or indirectly (i.e. price derivatives).
- Level 3: data on the asset or liability that is not based on observable market data.

If the variables used to measure the fair value of an asset or liability can be classified into the fair value hierarchy, then the fair value measurement is entirely classified into the same fair value hierarchy level as the lowest level variable that is significant for the total measurement.

g) Cylinder guarantees

The affiliate Abastible S.A. receives guarantees for its cylinders, which are valued according to the current value of this obligation, so their book value might differ from their actual value.

h) Other estimates and professional criteria relate to the following concepts:

- Loyalty program (see Note 2.24)
- Useful lives of property, plant and equipment (see Note 2.5)
- Trademark valuations to identify any potential impairment losses.

NOTE 6. INVENTORIES

As of December 31, 2019 and 2018 inventories at affiliates were as follows:

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Raw materials	185,068	160,925
Merchandise	548,397	507,121
Production supplies	146,767	140,938
Work in progress	74,482	71,269
Finished goods	621,007	636,284
Other inventory	248,172	226,220
Total	1,823,893	1,742,757

As of December 31, 2019, 58% of inventories relate to the forestry sector, 39% to the fuel sector and 3% to the fisheries sector.

As of December 31, 2018, 59% of inventories relate to the forestry sector, 38% to the fuel sector and 3% to the fisheries sector.

Changes in inventory charged to the net income statement are as follows:

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Cost of Sales	20,296,549	19,668,121
Obsolescence provision	64,756	39,369
Write offs	1,734	6,760
Total	20,363,039	19,714,250

As of December 31, 2019 and 2018, there are no inventories pledged in guarantee.

The obsolescence provision is calculated by considering the product sale conditions and inventory age (rotation).

NOTE 7. BIOLOGICAL ASSETS

Current and non-current biological assets as of December 31, 2019 and 2018 were as follows:

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Current	275,792	319,021
Non-current	3,393,634	3,336,339
Total	3,669,426	3,655,360

Current and non-current biological assets as of December 31, 2019 and 2018 were as follows:

	12.31.2019			12.31.2018		
	Current	Non-current	Total	Current	Non-current	Total
	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$
Forestry	275,792	3,393,634	3,669,426	315,924	3,336,339	3,652,263
Mussels (*)	0	0	0	3,097	0	3,097
Total	275,792	3,393,634	3,669,426	319,021	3,336,339	3,655,360

(*) Mussel production at indirect affiliate Orizon S.A. was a capital contribution to St. Andrews Smoky Delicacies S.A. and Empresa Pesquera Apiao S.A. (See Note 21)

The biological assets of the affiliate Arauco are plantations, which are mainly radiata and loblolly pine and to a lesser extent eucalyptus. These plantations are located in Chile, Argentina, Brazil and Uruguay, on 1.8 million hectares as of December 31, 2019, of which 1 million hectares are for plantations, 515 thousand hectares are for native forests, 108 thousand hectares are for other uses and 97 thousand hectares remain to be planted.

Log volume production was 20.3 million m³ as of December 31, 2019, (23 million m³ as of December 31, 2018).

The fair value of Arauco's biological assets are measured under Level 3, as input data is not observable. However, this information reflects the assumptions that market participants would use in pricing the asset, including assumptions about risk.

This unobservable data was collected using the best information available and include Arauco's own information. It may change if the available information indicates that other market participants would use different information or there is something specific at Arauco that is not available to other market participants.

The main considerations in calculating the fair value of biological assets for the affiliate Arauco are:

- Arauco uses discounted future cash flows to value its plantations, therefore the Company forecasts harvests of its plantations as of the reporting date.

- Current plantations are projected with total volume increases, with a minimum growth equivalent to the current supply.
- Future plantations are not included.
- The purpose of harvesting plantations is to supply raw materials for the rest of the products produced and sold by Arauco. By directly controlling the development of the plantations to be processed, Arauco is assured of the quality of the timber to be used in each of its products.
- Flows are determined on the basis of the harvest and expected sales of timber products, which are associated with demand at the Company's own factories and sales to third parties at market prices. In addition, this valuation takes into consideration the sales margins of the products that are harvested from the plantations. Changes that arise in the value of plantations are accounted for in income for the year, in accordance with the provisions of IAS 41. These changes are presented in the consolidated statement of net income under "Other income by function", which as of December 31, 2019 amounted to ThUS\$154,705 (ThUS\$84,476 as of December 31, 2018). The valuation of biological assets produces a cost of timber sold that is greater than the real cost incurred, which is presented under "Cost of sales" and amounts to ThUS\$194,406 as of December 31, 2019 (ThUS\$207,346 as of December 31, 2018).
- Plantations are harvested in accordance with the demand requirements at Arauco's production plants.
- The discount rates used in Chile, Brazil, Uruguay and Argentina vary between 6% and 11%.
- The prices of harvested timber are considered to be constant in real terms, based on market prices.
- Cost expectations with respect to the lifetime of plantations are constant and are based on estimated costs included in projections prepared by the affiliate Arauco.

The average harvest age of these plantations in years, by country and species is as follows.

	Chile	Argentina	Brazil	Uruguay
Pine	24	15	15	-
Eucalyptus	12	10	7	10

The sensitivity analysis below shows changes to the value of biological assets following changes in significant assumptions used in calculating the fair value of those assets:

		ThUS\$
Discount rate (points)	0.5	(130,251)
	(0.5)	138,065
Margins (%)	10.0	373,939
	(10.0)	(373,939)

Significant unobservable data used to value the fair value of biological assets are discount rates and selling margins for the products that are harvested from the forest. Increases (decreases) in any of this data considered in isolation would result in a lower or higher fair value valuation. A change in the assumption used for the probability of a change in the discount rate is associated with a change in the opposite direction in the assumption used for a change in the sales margins.

Movements in the valuation of biological assets are recorded in the consolidated statement of net income under Other Operational Income or Other Operational Expenditure depending on whether it is a gain or a loss.

Plantations classified as current biological assets are those that are harvested and sold within 12 months.

Fire insurance covers plantations, which combine with its own resources, can reduce the risks associated with these claims.

No disbursements have been committed to acquire biological assets at the reporting date.

- a) Biological assets pledged in guarantee.

As of December 31, 2019, there are no plantations pledged in guarantee.

- b) Biological assets with restricted ownership:

There are no biological assets with restricted ownership at the reporting date.

- c) Government subsidies related to agricultural operations.

No significant subsidies have been received.

Biological assets movements

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Opening balance	3,655,360	3,770,495
Changes in Incurred Cost		
Additions through acquisition	226,757	207,458
Increase (decrease) for business combinations	0	0
Decreases through sales	(2,722)	(367)
Decreases through harvesting	(138,650)	(117,729)
Increase (decrease) in foreign currency translation	(18,392)	(82,096)
Decreases due to damaged biological assets	(3,823)	(8,702)
Other increases (decreases)	(205)	8,946
Changes in fair value		
Gain (loss) on changes in fair value less estimated selling costs	154,705	84,476
Decreases through sales	(4,015)	(445)
Decreases through harvesting	(198,089)	(215,481)
Decreases due to damaged biological assets	(3,718)	(3,056)
Other increases (decreases)	2,218	11,861
Total Changes	14,066	(115,135)
Closing balance	3,669,426	3,655,360

NOTE 8. CURRENT TAX ASSETS AND LIABILITIES

Current taxes are offset in assets or liabilities, provided they refer to the same legal entity and the same tax jurisdiction.

Receivables for taxes are detailed as follows:

Current tax assets	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Provisional monthly tax payments	179,530	13,568
Recoverable income taxes from previous period	40,247	42,762
Credit for SENCE	1,166	701
Credits for fixed assets	364	331
Income tax provision	4,080	12,844
Credits for dividends received	7,993	859
Equity tax	4,682	15,877
Other taxes recoverable	25,895	17,488
Total	263,957	104,430

Current tax liabilities	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Corporate income tax provision	21,333	173,336
Provisional monthly tax payable	435	498
Tax on disallowed expenses	16	18
Equity tax	0	413
Other taxes	3,318	3,171
Total	25,102	177,436

NOTE 9. OTHER NON FINANCIAL ASSETS

As of December 31, 2019 and 2018, current and non-current non-financial assets are as follows.

Other non-financial assets, current	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Unamortized roads, current	48,380	41,456
Unamortized insurance	19,756	15,579
VAT recoverable	2,497	3,709
Recoverable taxes (VAT and similar)	102,875	67,778
Assets held for sale	757	795
Expenses paid in advance	17,228	14,664
Leases	5,080	3,384
Contribution to ESSBIO	0	365
Guarantees	839	785
Others (1)	13,729	15,725
Total	211,141	164,240

Other non-financial assets, non-current	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Unamortized roads, non-current	96,530	78,418
Unamortized payments in advance (freight, insurance, others)	5,160	6,187
Lease guarantees	134	112
Long-term building convention contribution	1,139	1,570
Compensation asset (2)	23,188	23,188
Contract asset (3)	30,818	27,477
Deferred expenses	4,583	1,999
Other recoverable assets (4)	9,561	6,940
Other assets	9,491	7,334
Total	180,604	153,225

(1) As of December 31, 2019 and 2018, "Others" includes items such as: Recoverable securities and dividends receivable.

(2) Taxation contingencies relating to the business combination between Exxon Mobil Peru and Ecuador, and includes from 2001 to 2008 in Peru and from 1994 to 2013 in Ecuador. These taxation contingencies represent doubtful receivable allowances, unsupported write-offs, discounts, rebates, bonuses, disposal cost adjusted under IFRS and depreciation rates for fixed assets in Peru.

(3) Assets belonging to the affiliate Abastible S.A., according to IFRS 15.

(4) Recoverable value as a result of tax reform in Colombia associated with sales tax, where Law 2010 dated December 2019 allows the indirect affiliate Organización Terpel S.A. to claim this balance.

NOTE 10. ASSETS AND LIABILITIES HELD FOR SALE

The Group's assets and liabilities classified as held for sale or disposal are as follows.

Assets	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Sale of interests in companies		
Sonacol* (1)	275,620	0
Gasmar** (2)	39,716	0
Mining Companies* (3)	23,550	0
Sonamar**	1,102	0
Sale of assets		
Land	7,852	6,426
Fleet assets	5,279	1,495
Buildings	4,131	7,201
Plant and equipment	1,966	3,295
Other assets	133	22
Total	359,349	18,439

Liabilities	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Sale of interests in companies		
Sonacol* (1)	179,810	0
Mining Companies* (3)	7,050	0
Total	186,860	0

* Interests in affiliated companies.

** Interests in associated companies.

- (1) On December 20, 2019, Compañía de Petróleos de Chile Copec S.A. and Abastible S.A. both affiliates of Empresas Copec S.A. together with Esmax Inversiones S.A. and Empresa Nacional de Energía Enx S.A. have informed the Chairman of the Board of Sociedad Nacional de Oleoductos S.A. ("Sonacol") that a mandate has been granted to Goldman Sachs as an investment bank, to structure and lead a process that will evaluate the sale of all the shares of Sonacol that they respectively own, in a competitive sale.
- (2) On January 17, 2018, the Fair Trade Court issued Resolution 51, which ordered the shareholders of Gasmar S. A. (Abastible S.A. and Gasco S.A.) to dispose of their interest in that company. The affiliate Abastible filed an appeal against this resolution with the Supreme Court, which received this appeal together with appeals filed by other affected companies, rejected all these appeals on November 13, 2019. Therefore, the Fair Trade Court ruling became final and enforceable. The disposal of the interest in Gasmar should take place within 18 months.
- (3) The indirect affiliate Inversiones Alxar S.A. is selling its affiliate companies that own the El Bronce, Botón de Oro, Choquelimpie and Planta Copiapó projects. This sale is expected to be completed during 2020.

The Group estimates that the book values of the assets held for sale are not less than their fair value less selling costs.

NOTE 11. INTANGIBLE ASSETS

The main intangibles assets as of December 31, 2019 and 2018 are patents, trademarks, IT programs, water and fishing rights, easements, mining properties and other acquired rights. They are generally recorded at historical cost.

Patents, trademarks, water and fishing rights, mining properties, easements and other acquired rights have indefinite useful lives, as neither the start nor the end of the period during which these rights are expected to generate cash flows is clear.

These rights are not amortized, but they are tested regularly for impairment.

a) Classes of intangible assets other than goodwill:

	12.31.2019			12.31.2018		
	Gross value ThUS\$	Accumulated amortization ThUS\$	Net value ThUS\$	Gross value ThUS\$	Accumulated amortization ThUS\$	Net value ThUS\$
Patents, trademarks and other rights with indefinite lives	224,762	0	224,762	225,968	0	225,968
Patents, trademarks and other rights with defined lives	875,889	(412,943)	462,946	856,394	(360,325)	496,069
Computer software	236,179	(160,359)	75,820	183,504	(127,251)	56,253
Other identifiable intangible assets	119,089	(35,057)	84,032	112,840	(27,645)	85,195
Fishing permits	15,736	0	15,736	15,736	0	15,736
Water rights	6,402	0	6,402	6,303	0	6,303
Mining projects	68,126	0	68,126	143,167	(22,776)	120,391
Customer portfolio	74,723	(34,742)	39,981	71,443	(29,809)	41,634
Total intangible assets	1,620,906	(643,101)	977,805	1,615,355	(567,806)	1,047,549
Finite lives	1,374,006	(643,101)	730,905	1,367,348	(567,806)	799,542
Indefinite lives	246,900	0	246,900	248,007	0	248,007
Total intangible assets	1,620,906	(643,101)	977,805	1,615,355	(567,806)	1,047,549

b) The detail and movement of the main classes of intangible assets other than goodwill is as follows:

	Patents, trademarks and other rights	Computer software	Fishing permits	Water rights	Other intangible assets	Mining projects	Customer portfolio	Total
Opening balance as of January 1, 2019	722,037	56,253	15,736	6,303	85,195	120,391	41,634	1,047,549
Increase (decrease) due to changes in accounting policy	0	0	0	0	(492)	0	0	(492)
Restated opening balance	722,037	56,253	15,736	6,303	84,703	120,391	41,634	1,047,057
Movements in identifiable intangible assets								
Disposals	0	(67)	0	0	(1,372)	0	0	(1,439)
Additions	33,932	39,669	0	155	4,845	96	0	78,697
Additions on business mergers	7,696	223	0	0	1,300	0	2,800	12,019
Disposals	(2,509)	(41)	0	0	0	0	0	(2,550)
Amortization	(59,220)	(22,381)	0	0	(6,672)	0	(4,769)	(93,042)
Increase (decrease) for revaluation and impairment losses recognized in net equity	0	0	0	0	0	(43,634)	0	(43,634)
Increase (decrease) for revaluation recognized in net income	0	0	0	0	0	0	0	0
Increase (decrease) in foreign currency translation	(4,554)	452	0	(11)	(1,306)	0	316	(5,103)
Other increases (decreases)	(9,674)	1,712	0	(45)	2,534	(8,727)	0	(14,200)
Total movements in identifiable intangible assets	(34,329)	19,567	0	99	(671)	(52,265)	(1,653)	(69,252)
Closing balance as of December 31, 2019	687,708	75,820	15,736	6,402	84,032	68,126	39,981	977,805

	Patents, trademarks and other rights with finite lives	Computer software	Fishing permits	Water rights	Other intangible assets	Mining projects	Customer portfolio	Total
Opening balance as of January 1, 2018	506,247	53,001	16,652	6,065	81,228	114,947	47,144	825,284
Increase (decrease) due to changes in accounting policy	0	0	0	0	0	0	0	0
Restated opening balance	506,247	53,001	16,652	6,065	81,228	114,947	47,144	825,284
Movements in identifiable intangible assets								
Disposals	0	(1)	(916)	0	0	0	0	(917)
Additions	57,315	16,463	0	269	19,252	5,877	0	99,176
Additions on business mergers	228,111	2,913	0	0	0	0	0	231,024
Disposals	(4,214)	(148)	0	0	(140)	0	0	(4,502)
Amortization	(67,495)	(17,822)	0	0	(5,705)	0	(4,808)	(95,830)
Increase (decrease) for revaluation and impairment losses recognized in net equity	0	0	0	0	0	0	0	0
Increase (decrease) for revaluation recognized in net income	0	0	0	0	0	0	0	0
Increase (decrease) in foreign currency translation	(6,493)	(1,853)	0	(31)	(9,377)	0	(702)	(18,456)
Other increases (decreases)	8,566	3,700	0	0	(63)	(433)	0	11,770
Total movements in identifiable intangible assets	215,790	3,252	(916)	238	3,967	5,444	(5,510)	222,265
Closing balance as of December 31, 2018	722,037	56,253	15,736	6,303	85,195	120,391	41,634	1,047,549

c) Impairment

The indirect affiliate Inversiones Alxar S.A. recognized an impairment loss of ThUS\$43,634 from mining projects during 2019, which is included in "Other expenses, by function" in the consolidated statement of net income.

d) The useful lives applied to intangible assets as of December 31, 2019 and 2018 are as follows.

	Finite life (years)		Indefinite life
	Minimum	Maximum	
Commercial relationships with dealers and customers	7	15	-
Patents, trademarks and other rights	-	-	X
Trademarks for Accel of Panamá	-	2	-
Industrial patents	10	50	-
Software programs	3	16	-
Other identifiable intangible assets	3	25	-
Fishing permits	-	-	X
Water rights	-	-	X
Capitalized mining projects	3	10	-
Mining properties	-	-	X

Movement during the period is amortization of intangible assets, and it is recorded in assets and/or expenses. This charge is reflected in any of the following items: Cost of sales, distribution costs and administration costs.

Additions to intangible assets are primarily flag rights (Organización Terpel S.A.), capitalized research into mining projects, and other assets.

e) Intangible assets – Brands

The brands Accel, Terpel, Oiltec, Maxter, Celerity, Tergas and Gazel have been registered in the consolidated financial statements at their fair values, as a result of the valuation of intangible assets arising on the purchase of Organización Terpel S.A. and its affiliates. They all have an indefinite useful lives, except Accel. Trade Relations with Customers have also been recognized as intangible assets related to the business of the acquired companies, which have been assigned a finite useful life depending on the length of those contracts. Amortization is calculated linearly over their expected useful lives.

When the affiliates Abastible in Peru and Ecuador were acquired in June and October 2016 respectively, the following brands were registered: Solgas Artefactos, Solgas Auto, Gas Canalizado, Segurogas, Masgas, Duragas & Diseño, Auto Gas, Duragas, Duragas Express and Semapesa.

Following the acquisition of Mapco in November 2016 by the affiliate Compañía de Petróleos de Chile Copec S.A., the following brands were registered: MapcoMart, Delta Express, Discount Food Mart, East Coast, Fast, Favorite Markets and Mapco Express.

NOTE 12. GOODWILL

Purchased goodwill represents the excess of the acquisition cost over the fair value of the Group's share in the net identifiable assets of the affiliate/associate acquired on the acquisition date. Purchased goodwill is not amortized, but it is tested annually for impairment.

Purchased goodwill is allocated to the groups of cash generating units identified in the operating segments in which it originates. The transactions that generated goodwill are the investments in Arauco Canada (Flakeboard), Arauco do Brasil (formerly, Tafisa), and the successive purchases of Organización Terpel, Mapco, Solgas S.A., ExxonMobil, and the acquisition of two business lines from Comercializadora Novaverde through the indirect affiliate Orizon S.A. as follows:

Company	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Arauco (Flakeboard, Piên and others) (a)	65,751	65,851
Organización Terpel and others (b)	108,095	129,246
MAPCO	152,362	152,362
Solgas	82,977	81,597
FluxSolar SpA	835	0
Orizon (c)	3,673	3,673
Total	413,693	432,729

- a) "Flakeboard" (now Arauco Canada Ltd.) is a company that directly or through affiliates owns and operates seven panel plants, which Arauco acquired on September 24, 2012 at a price of ThUS\$242,502 for all the shares in that company. This resulted in goodwill as of December 31, 2019 of ThUS\$40,765 (ThUS\$40,661 as of December 31, 2018).

The recoverable amount of the "Flakeboard" CGU was based on calculations of value in use, using cash flow projections covering 5 years, subject to a discount of between 6% and 7%, which reflects current market assessments for the panel segment in North America.

Goodwill of ThUS\$22,378 (ThUS\$23,278 as of December 31, 2018) was generated by investing in a panel plant in Pien, Brazil.

The recoverable amount of the CGU in Pien Brazil was based on calculations of value in use, using cash flow projections based on an operating plan approved by Management covering the expected useful life of the line, subject to a discount of between 6% and 7%, which reflects current market assessments for the panel segment in Brazil.

The book values of these panel plants recorded in their financial statements as of December 31, 2019 and 2018 do not exceed their recoverable value. Therefore, no additional impairment losses have been recognized.

- b) Goodwill generated in Organización Terpel S.A. as of December 31, 2019 was ThUS\$108,095 (ThUS\$129,246 as of December 31, 2018). The decrease is explained by a purchase price adjustment caused by the acquisition of ExxonMobil in Peru and Ecuador following the receipt of additional information regarding events and circumstances. Accordingly, property, plant and equipment were adjusted by ThUS\$75, intangible assets other than goodwill by ThUS\$3,945 and deferred tax liabilities by ThUS\$1,265.

Mobil is a regional lubricant development and distribution business that was taken over on March 15, 2018. Access to information during the earlier negotiating stages was limited, due to confidentiality agreements and restrictions imposed by the authorities in each country. The Purchase Price Allocation (PPA) valuation process led to identifying that the company has rights over the lubricant manufacturing and distribution contract with the Mobil brand in Colombia, which produced an acquisition under advantageous conditions that enabled it to recognize a gain during 2018 of ThUS\$25,364, less the Purchase Price Allocation for Colombia of ThUS\$2,627, for a net effect of ThUS\$22,737 recognized under "Other Income".

Additionally, as of December 31, 2019, goodwill of ThUS\$835 was recognized associated with the acquisition of Flux Solar SpA.

- c) The indirect affiliate Orizon S.A. acquired two businesses from Comercializadora Novaverde S.A. during August 2018. These are distributing General Mills' products in Chile, and distributing and marketing processed avocado pears.

The acquisition includes assigning its relationship with its suppliers and customers, and transferring its product inventory and sales support team.

The total acquisition price paid by Orizon for these new business lines was ThUS\$ 8,086, of which ThUS\$ 4,391 was for inventory, ThUS\$ 22 for the sales support team and the remaining ThUS\$ 3,673 was goodwill on the new business lines. The goodwill represents future financial benefits, so will be tested for impairment annually.

This purchased goodwill was ThUS\$ 413,693 as of December 31, 2019 (ThUS\$ 432,729 as of December 31, 2018), and the movements each year are as follows:

	Figures in ThUS\$ as of 12.31.2019			Figures in ThUS\$ as of 12.31.2018		
	Gross value	Impairment	Net value	Gross value	Impairment	Net value
Opening balance	432,729	0	432,729	395,378	0	395,378
Additions (1)	1,567	0	1,567	43,118	0	43,118
Business combination adjustment (2)	(18,244)	0	(18,244)	0	0	0
Increase (decrease) in foreign currency	(2,359)	0	(2,359)	(5,767)	0	(5,767)
Closing balance	413,693	0	413,693	432,729	0	432,729

(1) The additions during 2019 are the acquisition of Flux Solar S.A. and Prime-Line, Inc. The additions during 2018 are described in Note 21 c).

(2) A goodwill adjustment arising from the acquisition of ExxonMobil in Peru and Ecuador.

NOTE 13. PROPERTY, PLANT AND EQUIPMENT

a) Classes of Property, Plant and Equipment, Net

	Figures in ThUS\$ as of 12.31.2019			Figures in ThUS\$ as of 12.31.2018		
	Gross value	Accumulated Depreciation	Net value	Gross value	Accumulated Depreciation	Net value
Construction in progress	1,435,387	0	1,435,387	1,363,544	0	1,363,544
Land	1,777,329	0	1,777,329	1,801,429	0	1,801,429
Buildings	5,558,915	(2,440,748)	3,118,167	5,265,999	(2,277,444)	2,988,555
Plant and equipment	8,025,521	(4,402,208)	3,623,313	7,484,678	(4,048,129)	3,436,549
IT equipment	147,125	(103,082)	44,043	142,889	(92,862)	50,027
Right-to-use assets	950,314	(148,353)	801,961	0	0	0
Facilities, fixtures and fittings	276,572	(142,190)	134,382	549,905	(193,871)	356,034
Motor vehicles	199,431	(117,048)	82,383	201,836	(115,358)	86,478
Leasehold improvements	75,513	(30,093)	45,420	75,575	(25,607)	49,968
Other property, plant and equipment	815,909	(391,944)	423,965	825,442	(404,815)	420,627
Total property, plant and equipment	19,262,016	(7,775,666)	11,486,350	17,711,297	(7,158,086)	10,553,211

The composition of the initial impact on property, plant and equipment of right-of-use assets, in accordance with IFRS 16, is as follows:

Figures as of January 1, 2019	ThUS\$
Right-of-use assets according to IFRS 16	703,785
Leased assets according to IAS 17	166,214
Opening balance of right-of-use assets restated	869,999

Depreciation expense as of December 31, 2019 and 2018 was as follows:

Depreciation expense (*)	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Cost of sales	674,466	522,666
Administrative expenses	48,750	39,237
Other miscellaneous operating expenses	26,880	26,916
Total	750,096	588,819

(*) The depreciation shown in the above table is the charge to the net income statement for 2019 and 2018, excluding the portion included in inventories.

b) Movements on property, plant and equipment categories were as follows:

As of December 31, 2019

	Construction in progress	Land	Buildings	Plant and equipment	IT equipment	Right-to-use assets	Fixtures and fittings	Motor vehicles	Leasehold improvements	Other property, plant and equipment	Property, plant and equipment
	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$
Opening balance	1,363,544	1,801,429	2,988,555	3,436,549	50,027	0	356,034	86,478	49,968	420,627	10,553,211
Increase (decrease) due to changes in accounting policy	0	(23,665)	(59,360)	(63,188)	0	869,999	(1,051)	(1,713)	0	(17,237)	703,785
Restated opening balance	1,363,544	1,777,764	2,929,195	3,373,361	50,027	869,999	354,983	84,765	49,968	403,390	11,256,996
Changes											
Additions	1,157,519	16,151	22,681	58,774	2,405	93,861	9,229	9,060	6,887	18,844	1,395,411
Acquisitions through business combinations	12,839	10,786	24,118	111,649	238	5,582	156	313	0	6,272	171,953
Transfers of closed works in progress	(804,729)	1,494	300,392	506,594	2,735	0	(711)	340	0	(6,115)	0
Disposals	0	(2,450)	(2,731)	(7,038)	(97)	0	(506)	(427)	0	(584)	(13,833)
Transfers to (from) construction in progress	(227,348)	15,046	76,077	50,099	6,356	0	15,327	16,019	2,852	57,503	11,931
Transfers to (from) non-current assets held for sale	(32,852)	(4,841)	(4,805)	(23,117)	(387)	0	(221,887)	(814)	0	(37)	(288,740)
Withdrawals	(7,537)	(5,129)	(5,588)	(26,051)	(196)	(16,327)	(1,629)	(3,548)	0	(14,633)	(80,638)
Depreciation	0	0	(183,030)	(349,970)	(14,470)	(142,665)	(18,857)	(16,250)	(6,746)	(26,529)	(758,517)
Impairment	0	0	(15,398)	(60,219)	(337)	0	(14)	(74)	0	0	(76,042)
Increase (decrease) for revaluation and impairment losses	0	0	0	0	0	0	0	0	0	0	0
Reclassification from operating lease to PPE	0	0	0	1,633	0	(1,643)	0	10	0	0	0
Increase (decrease) in foreign currency translation	(11,942)	(35,483)	(40,087)	(16,498)	(1,075)	(6,118)	(1,834)	(6,988)	101	(9,414)	(129,338)
Other increases (decreases)	(14,107)	3,991	17,343	4,096	(1,156)	(728)	125	(23)	(7,642)	(4,732)	(2,833)
Total Changes	71,843	(435)	188,972	249,952	(5,984)	(68,038)	(220,601)	(2,382)	(4,548)	20,575	229,354
Closing balance	1,435,387	1,777,329	3,118,167	3,623,313	44,043	801,961	134,382	82,383	45,420	423,965	11,486,350

As of December 31, 2018

	Construction in progress	Land	Buildings	Plant and equipment	IT equipment	Right-to-use assets	Fixtures and fittings	Motor vehicles	Leasehold improvements	Other property, plant and equipment	Property, plant and equipment
	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$	ThUS\$
Opening balance	984,645	1,825,497	3,041,900	3,683,060	37,159	0	368,431	79,957	30,511	439,656	10,490,816
Increase (decrease) due to changes in accounting policy	0	0	0	0	0	0	0	0	0	0	0
Restated opening balance	984,645	1,825,497	3,041,900	3,683,060	37,159	0	368,431	79,957	30,511	439,656	10,490,816
Changes											
Additions	925,713	26,258	52,222	55,351	10,710	0	8,003	9,549	8,585	26,903	1,123,294
Acquisitions through business combinations	595	37,012	21,641	18,416	487	0	760	569	0	0	79,480
Transfers of closed works in progress	(215,161)	1,241	64,673	132,945	5,557	0	5,591	955	0	4,199	0
Disposals	(1,994)	(899)	(4,047)	(8,284)	(125)	0	(631)	(588)	0	(1,136)	(17,704)
Transfers to (from) construction in progress	(257,239)	19,198	95,810	58,709	7,955	0	13,605	15,183	6,501	40,278	0
Transfers to (from) non-current assets held for sale	0	0	0	(1,005)	0	0	0	0	0	0	(1,005)
Withdrawals	(10,904)	(8,166)	(8,504)	(15,071)	(112)	0	(774)	(2,941)	(63)	(5,883)	(52,418)
Depreciation	0	0	(178,670)	(366,681)	(12,687)	0	(29,346)	(16,354)	(6,224)	(28,623)	(638,585)
Impairment	0	0	(654)	(7,126)	(5)	0	(20)	0	0	0	(7,805)
Increase (decrease) for revaluation and impairment losses	0	0	0	(1,665)	0	0	0	0	0	0	(1,665)
Reclassification from operating lease to PPE	0	0	0	0	0	0	0	0	0	0	0
Increase (decrease) in foreign currency translation	(43,562)	(95,853)	(93,495)	(118,069)	956	0	(9,743)	498	6,051	(23,339)	(376,556)
Other increases (decreases)	(18,549)	(2,859)	(2,321)	5,969	132	0	158	(350)	4,607	(31,428)	(44,641)
Total Changes	378,899	(24,068)	(53,345)	(246,511)	12,868	0	(12,397)	6,521	19,457	(19,029)	62,395
Closing balance	1,363,544	1,801,429	2,988,555	3,436,549	50,027	0	356,034	86,478	49,968	420,627	10,553,211

Property, plant and equipment pledged in guarantee:

There were no significant assets given in guarantee in these Consolidated Financial Statements.

Disbursement commitments for projects or to acquire property, plant and equipment

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Disbursements for property, plant and equipment in construction	336,474	309,666

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Commitments to acquire property, plant and equipment	1,237,485	846,292

c) Components temporarily out of service

There were no significant components of property, plant, and equipment that were temporarily out of service as of December 31, 2019 and 2018.

d) Impairment

Details of impaired property, plant and equipment are described in Note 28.

e) Items fully depreciated, but still in use

There were no significant components of property, plant, and equipment that were fully depreciated and still in use as of December 31, 2019 and 2018.

NOTE 14. LEASES**Lessee**

The Group has adopted IFRS 16 Leases. The initial effects of implementing this standard have been disclosed in Note 2. The right-of-use assets and leasing liabilities have been included in notes 13 and 3.4, respectively.

Lessor

IFRS 16 substantially maintains the lessor's accounting requirements described in IAS 17. Consequently, Arauco has continued to classify its leases as operating or finance, as appropriate.

Reconciliation of minimum finance lease payments, Lessor

Minimum lease receipts, finance leases	12.31.2019		
	Gross ThUS\$	Interest ThUS\$	Value ThUS\$
Under one year	960	(48)	912
One to five years	200	0	200
Over five years	0	0	0
Total	1,160	(48)	1,112

Minimum lease receipts, finance leases	12.31.2018		
	Gross ThUS\$	Interest ThUS\$	Value ThUS\$
Under one year	1,180	(49)	1,131
One to five years	837	0	837
Over five years	0	0	0
Total	2,017	(49)	1,968

These leasing receivables are shown in the consolidated statement of financial position under Current and non-current trade and other receivables, depending on their due dates detailed above.

The Group has finance leases. Some of these contracts include machinery and equipment, covering periods not exceeding five years and at market interest rates. They also include early termination options, according to the general and special conditions established in each contract.

The affiliate Compañía de Petróleos de Chile Copec S.A. has a leasing asset as it leases its corporate building. It was sold on November 29, 2018 through an agreement with Banco de Chile, and subsequently leased-back with an option to purchase it for ThUS\$73,054, payable in 180 monthly installments of UF 11,322.27, maturing in December 2033.

There are no contingent lease payments or reportable restrictions for finance leases as lessee or lessor shown in the tables above.

NOTE 15. INVESTMENT PROPERTIES

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Opening balance	40,583	44,217
Additions	765	1,820
Acquisitions through business combinations	0	0
Disposals	0	(4)
Disposals through sales of businesses	(3,364)	(422)
Transfers from property, plant and equipment	499	0
Transfer to held-for-sale	(332)	0
Withdrawals	0	0
Impairment losses recorded in statement of net income	0	0
Reversal of impairment loss recorded in statement of net income	0	0
Depreciation	(46)	(48)
Increase (decrease) in foreign currency translation	(2,805)	(4,980)
Total Changes in Investment Property	(5,283)	(3,634)
Closing balance	35,300	40,583

As of December 31, 2019 and 2018, investment properties are land, minor facilities and their respective depreciation.

There are no significant rental income or operating expenses for investment properties.

There are no contractual obligations for the acquisition, construction or development of investment properties, or for their repair, maintenance or improvement.

The fair value of investment properties as of December 31, 2019 amounts to ThUS\$ 55,017 (ThUS\$ 80,877 as of December 31, 2018).

NOTE 16. DEFERRED TAXES

Deferred tax assets and liabilities can only be offset if this right has been legally recognized and the assets and liabilities refer to the same tax authority.

The tax rate applicable to the parent company's main affiliates is 27% in Chile, 30% in Argentina and Mexico, 34% in Brazil, 25% in Uruguay, 21% in the United States (federal rate), 33% in Colombia, 29.5% in Peru and 25% in Ecuador.

Law 27,430 was published in Argentina on December 29, 2017, which reduced the income tax rate from 35% for the year ended December 31, 2017 to 30% for 2018 and 2019 and 25% for 2020 and onwards.

On March 25, 2019, the indirect affiliate Arauco Argentina S.A. exercised the tax revaluation option established in Title X - Chapter 1 of Law 27,430. The option was exercised for all property, plant and equipment included in the depreciable property category under income tax law, which was adjusted for inflation using the coefficients published by that law for calculating such tax. The special tax levied under this option was AR\$122,835,595 (equivalent to ThUS\$2,053 as of December 31, 2019), which was paid in six installments during 2019. Furthermore, these tax assets increased in value due to this adjustment, which resulted in a decrease in the deferred tax liability as of December 31, 2019 of ThUS\$12,629. The special tax expense and the gain on decreasing deferred taxes are disclosed within income tax.

a) Deferred tax assets and liabilities are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Deferred tax assets relating to		
Depreciation	0	1,884
Inventories	14,300	7,075
Doubtful receivables allowance	11,311	12,717
Provision for vacations	3,582	4,202
Prepaid income	7,696	7,557
Obligations for post-employment benefits	31,996	31,092
Financial instrument revaluations	68,390	9,761
Revaluations of property, plant and equipment	16,609	10,127
Tax losses	230,243	184,103
Differences on accrued liabilities	7,193	10,946
Differences on intangible assets revaluations	6,044	7,651
Differences on impairment provision revaluations	20,169	11,963
Differences on trade and other receivables revaluations	4,349	5,001
Differences on tax credits	8,029	0
Provisions	27,578	23,875
Others	27,074	15,126
Total deferred tax assets	484,563	343,080
	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Deferred tax liabilities relating to		
Differences between financial & taxation depreciation	180,637	194,740
Provisions	9	0
Obligations for post-employment benefits	0	865
Revaluation of property, plant and equipment on initial IFRS adoption	975,402	933,214
Biological asset valuations	642,221	661,582
Prepaid expenditure valuations	41,338	37,908
Intangible assets	233,486	253,746
Financial instrument revaluations	26,095	14,596
Inventories	40,304	41,444
Others	28,381	26,476
Permanent foreign investments	1,432	230
Total deferred tax liabilities	2,169,305	2,164,801

b) Income (expenses) from current and deferred income taxes are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Current income tax expense		
Current tax expense	(190,726)	(433,715)
Tax benefit arising from previously unrecognized tax assets used to reduce current tax expenses	3,771	4,471
Adjustments to prior period current tax	(15,657)	(2,781)
Other current tax expense	1,129	(220)
Total current tax expense, net	(201,483)	(432,245)
	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Deferred tax expense		
Deferred tax expense related to creation and reversal of temporary differences	41,781	980
Deferred expense for taxes related to changes to tax rate or new rates	(1,098)	660
Tax benefit arising from assets for previously unrecognized taxes used to reduce deferred tax expense	35,577	53,103
Other deferred tax expense	716	(193)
Deferred tax expense, net, total	76,976	54,550
Total tax expense	(124,507)	(377,695)

c) Income (expenses) from foreign and Chilean income taxes are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Current foreign taxes	(32,536)	(104,837)
Current national taxes	(168,947)	(327,408)
Total Current Tax	(201,483)	(432,245)
Deferred foreign taxes	36,371	38,353
Deferred national taxes	40,605	16,197
Total Deferred Tax	76,976	54,550
Total Income Tax	(124,507)	(377,695)

d) Reconciliation of the tax expense using statutory rate with tax expense using the effective rate.

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Income tax expense using the statutory rate	(146,992)	(687,017)
Tax effect of rates in other jurisdictions		
Tax effect of rates in other jurisdictions	(18,320)	(6,651)
Tax effect of non-taxable revenue	82,731	390,672
Tax effect of non-deductible expenditure	(48,001)	(68,841)
Tax effect of using previously unrecognized tax losses	71	(420)
Tax effect of a tax benefit previously unrecognized in net income	2,140	(77)
Tax effect of a new evaluation of unrecognized deferred tax assets	19,196	15,621
Tax effect of changes in tax rates	(22)	2,016
Tax effect of over provided tax in prior periods	(4,165)	(2,798)
Taxation calculated at the applicable rate	(23)	(2,409)
Liquidating a foreign investment (*)	0	(11,261)
Other increase (decrease) in statutory tax charge	(11,122)	(6,530)
Total adjustments to tax expense using the statutory rate	22,485	309,322
Tax expense using the effective rate	(124,507)	(377,695)

(*) The affiliate Compañía de Petróleos de Chile Copec S.A. recorded an unfavorable effect under current taxes on the sale of ExxonMobil in Colombia.

Deferred tax assets from negative tax bases that have not yet been offset are recognized to the extent that it is likely that the corresponding benefit will be recovered in the future. In this regard, there are no unrecognized deferred tax assets.

Concept	12.31.2019		12.31.2018	
	Deductible Difference ThUS\$	Taxable Difference ThUS\$	Deductible Difference ThUS\$	Taxable Difference ThUS\$
Deferred tax assets	254,517	0	160,504	0
Tax losses	230,046	46	182,576	0
Deferred tax liabilities	0	2,169,259	0	2,164,801
Total	484,563	2,169,305	343,080	2,164,801

Effect of deferred taxes on net income	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Deferred tax assets	86,323	(27,622)
Tax losses	52,529	54,916
Deferred tax liabilities	(62,916)	19,433
Decreases in foreign currency translation	1,040	7,823
Total	76,976	54,550

NOTE 17. TRADE AND OTHER PAYABLES

Trade and other payables are detailed as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Current		
Trade payables	1,585,918	1,488,163
Prepaid income	193,351	240,523
Other payables	14,585	15,740
Total	1,793,854	1,744,426

The main suppliers of the Group as of December 31, 2019 and 2018 are as follows: Enap Refinerías S.A., Oxiquim S.A., Occidental Chemical Chile Ltda. and Compañía de Leasing Tattersall S.A.

The stratification of trade payables as of December 31, 2019 and 2018 is as follows:

As of December 31, 2019**TRADE CREDITORS NOT OVERDUE**

Supplier	Amounts by days until due						Total ThUS\$
	Under 30	31-60	61-90	91-120	121-365	Over 366	
Products	952,248	50,615	2,271	1,457	2,964	0	1,009,555
Services	449,155	33,402	5,192	9,068	7,585	0	504,402
Others (*)	3,468	1,112	0	0	0	0	4,580
Total ThUS\$	1,404,871	85,129	7,463	10,525	10,549	0	1,518,537

TRADE PAYABLES OVERDUE

Supplier	Amounts by days overdue						Total ThUS\$
	Under 30	31-60	61-90	91-120	121-180	Over 181	
Products	38,853	1,578	1,329	793	1,675	94	44,322
Services	18,534	1,205	865	757	428	1,116	22,905
Others (*)	67	13	6	8	60	0	154
Total ThUS\$	57,454	2,796	2,200	1,558	2,163	1,210	67,381

Total ThUS\$	1,462,325	87,925	9,663	12,083	12,712	1,210	1,585,918
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As of December 31, 2018**TRADE CREDITORS NOT OVERDUE**

Supplier	Amounts by days until due						Total ThUS\$
	Under 30	31-60	61-90	91-120	121-365	Over 366	
Products	845,888	37,079	8,554	449	2,906	1	894,877
Services	483,490	29,202	7,871	8,482	7,210	2	536,257
Others (*)	2,923	1,090	0	0	0	0	4,013
Total ThUS\$	1,332,301	67,371	16,425	8,931	10,116	3	1,435,147

TRADE PAYABLES OVERDUE

Supplier	Amounts by days overdue						Total ThUS\$
	Under 30	31-60	61-90	91-120	121-180	Over 181	
Products	13,720	8,495	4,522	3,032	459	658	30,886
Services	14,996	1,667	466	711	881	3,329	22,050
Others (*)	0	16	4	0	0	60	80
Total ThUS\$	28,716	10,178	4,992	3,743	1,340	4,047	53,016

Total ThUS\$	1,361,017	77,549	21,417	12,674	11,456	4,050	1,488,163
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(*) The *Other* item is deferred revenue, tax liabilities other than on net income, staff payables and other payables.

The Parent Company, Empresas Copec S.A., has a maximum payment period of 30 days. The average payment period for each affiliate varies depending on their business.

NOTE 18. RELATED PARTY BALANCES AND TRANSACTIONS

Related parties are the entities defined in IAS 24, in the standards issued by the Chilean Financial Markets Commission (formerly the Superintendent of Securities and Insurance) and in Corporate Law.

Balances receivable from and payable to related parties as of each period-end primarily arise from business transactions. They are denominated in Chilean pesos and U.S. dollars, they have payment terms that do not exceed 60 days, and in general do not have any indexation or interest clauses.

No guarantees have been granted and there are no provisions for doubtful accounts in relation to balances between related parties at the reporting date.

The "Transactions" table includes all transactions with related parties that total over ThUS\$ 200 per annum in any period (which is 0.001% of operating revenues and 0.001% of cost of sales).

18.1 Related party receivables

Related Party Receivables, Current	Country	Relationship	12.31.2019 ThUS\$	12.31.2018 ThUS\$
96,942,120-8 AIR BP COPEC S.A.	Chile	Joint venture	40,814	30,339
79,825,060-4 Forestal del Sur S.A.	Chile	Common shareholder	10,519	3,740
76,037,855-0 Laguna Blanca S.A.	Chile	Joint venture	18,000	0
96,893,820-7 Corpesca S.A.	Chile	Indirect associate	2,999	1,548
99,500,140-3 Eka Chile S.A.	Chile	Joint venture	1,834	2,362
96,731,890-6 Cartulinas CMPC S.A.	Chile	Common shareholder	1,477	1,339
76,879,577-0 E2E S.A.	Chile	Indirect associate	1,336	0
65,097,218-K Fundación Acerca Redes	Chile	Affiliate is founder and contributor	1,319	221
71,625,800-8 Fundación Educacional Arauco	Chile	Affiliate is founder and contributor	931	0
96,532,330-9 CMPC Pulp SpA.	Chile	Common shareholder	834	0
79,895,330-3 Compañía Puerto Coronel S.A.	Chile	Indirect associate	799	802
96,505,760-9 Colbún S.A.	Chile	Director in common	693	445
96,532,330-9 CMPC Celulosa S.A.	Chile	Common shareholder	472	319
76,349,706-2 Hualpén Gas S.A.	Chile	Indirect associate	427	240
76,122,974-5 Algae Fuels S.A.	Chile	Indirect associate	354	381
93,628,000-5 Molibdenos y Metales S.A.	Chile	Common shareholder	302	201
- Montagas S.A. ESP	Colombia	Indirect associate	265	117
- Unillin Arauco Pisos Ltda	Brazil	Joint venture	197	83
95,304,000-K CMPC Maderas S.A.	Chile	Common shareholder	179	138
96,925,430-1 Servicios Corporativos Sercor S.A.	Chile	Indirect associate	147	7
76,037,864-K Portuaria Otway Ltda	Chile	Indirect associate	113	0
76,037,872-0 Rentas y Construcciones Fitz Roy Ltda.	Chile	Joint venture	91	0
76,037,858-5 Producción y Servicios Mineros Ltda.	Chile	Joint venture	88	0
91,440,000-7 Forestal Mininco S.A.	Chile	Common shareholder	58	63
92,580,000-7 Entel S.A.	Chile	Common shareholder	49	11
- Fibroacero S.A.	Ecuador	Indirect associate	34	0
76,037,869-0 Equipos Mineros Rio Grande Ltda.	Chile	Indirect associate	29	0
96,853,150-6 Papeles Cordillera S.A.	Chile	Common shareholder	28	29
96,529,310-8 CMPC Tissue S.A.	Chile	Common shareholder	26	38
76,456,800-1 Mina Invierno S.A.	Chile	Joint venture	22	22
96,783,150-6 St. Andrews Smoky Delicacies S.A.	Chile	Indirect associate	20	0
77,072,740-5 Agrícola Siemel Ltda	Chile	Common shareholder	19	0
76,659,730-0 Elemental S.A.	Chile	Indirect associate	13	13
89,201,400-0 Envases Impresos S.A.	Chile	Common shareholder	6	0
79,943,600-0 Propa S.A.	Chile	Common shareholder	6	0
96,641,810-9 Gas Natural Producción S.A.	Chile	Indirect associate	5	0
94,283,000-9 Astilleros Arica S.A.	Chile	Common shareholder	5	0
96,636,520-K Gasmar S.A.	Chile	Indirect associate	2	0
- PGNT GasNorte SAC Colombia	Colombia	Indirect associate	2	0
- PGNT GasSur SAC Colombia	Colombia	Indirect associate	1	0
76,218,856-2 Colbún Transmisión S.A.	Chile	Director in common	1	0
- Arauco Sonae Portugal S.A.	Portugal	Indirect associate	0	370
76,044,336-0 Golden Omega S.A.	Chile	Indirect associate	0	1
76,384,550-8 Sociedad Nacional Marítima S.A.	Chile	Indirect associate	0	45
96,722,460-K Metrogas S.A.	Chile	Associate	0	7,387
82,777,100-7 Puertos y Logística S.A.	Chile	Indirect associate	0	23
76,839,949-2 Parque Eólico Ovejeras del Sur S.A.	Chile	Indirect associate	0	5
Total			84,516	50,289
Related party receivables, non-current	Country	Relationship	12.31.2019 ThUS\$	12.31.2018 ThUS\$
76,040,469-1 Logística Ados Ltda.	Chile	Shareholder in indirect associate	7,456	7,054
96,641,810-9 Gas Natural Producción S.A.	Chile	Indirect associate	0	332
79,895,330-3 Compañía Puerto Coronel S.A.	Chile	Indirect associate	0	481
Total			7,456	7,867

18.2 Related party payables

Related party payables, current	Country	Relationship	12.31.2019 ThUS\$	12.31.2018 ThUS\$
96,636,520-K Gasmar S.A.	Chile	Indirect associate	4,002	4,279
82,040,600-1 Sociedad de Inversiones de Aviación Ltda.	Chile	Indirect associate	475	580
79,895,330-3 Compañía Puerto de Coronel S.A.	Chile	Indirect associate	447	772
- Fibroacero S.A.	Ecuador	Indirect associate	427	485
76,384,550-8 Sociedad Nacional Marítima S.A.	Chile	Indirect associate	202	199
92,580,000-7 Entel S.A.	Chile	Common shareholder	179	284
96,925,430-1 Servicios Corporativos Sercor S.A.	Chile	Indirect associate	117	52
96,556,310-5 AntarChile S.A.	Chile	Parent company	73	0
76,349,975-8 Mega Frio Chile S.A.	Chile	Common shareholder	72	0
78,096,080-9 Portaluppi, Guzmán y Bezanilla Abogados	Chile	Partner Director	68	0
96,722,460-K Metrogas S.A.	Chile	Associate	66	0
96,942,120-8 AIR BP COPEC S.A.	Chile	Joint venture	36	29
86,370,800-1 Red To Green S.A.	Chile	Common shareholder	13	34
96,893,820-7 Corpesca S.A.	Chile	Indirect associate	13	446
76,659,730-0 Elemental S.A.	Chile	Indirect associate	4	1
96,555,810-1 Inst. Fisheries Research Eighth Region	Chile	Common Executive	3	30
96,959,030-1 Puerto Lirquén S.A.	Chile	Indirect associate	0	1,003
96,871,870-3 Depósitos Portuarios Lirquén S.A.	Chile	Director in common	0	2
88,566,900-K Edipac	Chile	Director in common	0	8
76,724,000-7 Woodtech S.A.	Chile	Common shareholder	0	28
71,625,800-8 Fundación Educacional Arauco	Chile	Indirect contributor	0	616
Total			6,197	8,848

18.3 Related party transactions

As of December 31, 2019

Chilean ID Number	Related Entity	Country	Relationship	Goods or Services	Transaction Value without VAT	Effect on net income
					ThUS\$	ThUS\$
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Sale of fuel	353,082	353,082
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Administrative services	958	958
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Fuel purchases	359	(359)
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Sale of lubricants	285	285
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Other sales	373	373
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Sale of fuel	4,588	4,588
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Sale of lubricants	995	995
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Sale of gas	31	31
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Sales of material, etc.	102	102
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Sale of fuel	114	114
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Sale of lubricants	525	525
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Sale of gas	23	23
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Logs	117	(117)
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Other sales	23	23
96,532,330-9	CMPC Pulp SpA.	Chile	Common shareholder	Timber and wood chips	1,467	1,467
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Sale of lubricants	168	168
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Sale of gas	292	292
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Sale of fuel	196	196
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Other purchases	62	(62)
96,505,760-9	Colbún S.A.	Chile	Director in common	Electricity	695	394
96,505,760-9	Colbún S.A.	Chile	Director in common	Sale of lubricants	25	25
96,505,760-9	Colbún S.A.	Chile	Director in common	Other sales	9	9
76,218,856-2	Colbún Transmisión S.A.	Chile	Director in common	Electricity	240	(240)
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Sale of fuel	2,141	2,141
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Sale of lubricants	115	115
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Mobilization and stevedoring	10,662	(10,662)
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Other sales	204	204
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Wharf rental	204	(204)
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Sale of fuel	24,419	24,419
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Sale of lubricants	1,050	1,050
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Other sales	47	47
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Purchase of fishing rights	6,660	(6,660)
76,879,577-0	EZE S.A.	Chile	Indirect associate	Timber, plywood and panels	787	787
99,500,140-3	Eka Chile S.A.	Chile	Joint venture	Electricity	18,764	18,764
99,500,140-3	Eka Chile S.A.	Chile	Joint venture	Purchase of sodium chlorate	41,349	(41,349)
76,659,730-0	Elemental S.A.	Chile	Indirect associate	Other sales	21	21
76,659,730-0	Elemental S.A.	Chile	Indirect associate	Other sales	325	(325)
92,580,000-7	Empresa Nacional de Telecomunicaciones S.A.	Chile	Common shareholder	Sale of fuel	666	666
92,580,000-7	Empresa Nacional de Telecomunicaciones S.A.	Chile	Common shareholder	Telephone services	1,439	(1,439)
79,825,060-4	Forestal del Sur S.A.	Chile	Common shareholder	Harvesting services	29,543	29,543
79,825,060-4	Forestal del Sur S.A.	Chile	Common shareholder	Wood and logs	4,547	(4,547)
91,440,000-7	Forestal Mininco S.A.	Chile	Common shareholder	Sale of fuel	711	711
91,440,000-7	Forestal Mininco S.A.	Chile	Common shareholder	Logs and other purchases/sales	92	18
91,440,000-7	Forestal Mininco S.A.	Chile	Common shareholder	Sale of gas	15	15
96,636,520-K	Gasmar S.A.	Chile	Indirect associate	Gas purchases	147,770	(147,770)
76,349,706-2	Hualpén Gas S.A.	Chile	Indirect associate	Purchase of services	35	(35)
76,349,706-2	Hualpén Gas S.A.	Chile	Indirect associate	Leases	3,517	3,517
94,082,000-6	Inversiones Siemel S.A.	Chile	Common shareholder	Facilities rental	256	(256)
96,722,460-K	Metrogas S.A.	Chile	Associate	Purchase natural gas	1,122	(1,122)
96,722,460-K	Metrogas S.A.	Chile	Associate	Sale of fuel	198	198
93,628,000-5	Molibdenos y Metales S.A.	Chile	Common shareholder	Sale of fuel	1,373	1,373
93,628,000-5	Molibdenos y Metales S.A.	Chile	Common shareholder	Sale of gas	128	128
78,096,080-9	Portaluppi, Guzmán y Bezanilla Attorneys	Chile	Partner Director	Legal advisory services	1,017	(1,017)
78,096,080-9	Portaluppi, Guzmán y Bezanilla Attorneys	Chile	Partner Director	Expense reimbursement	4	(4)
96,959,030-1	Puerto Lirquén S.A. (ex Portuaria Sur de Chile S.A.)	Chile	Indirect associate	Port services	2,237	(2,237)
86,370,800-1	Red To Green S.A.	Chile	Common shareholder	IT services	257	(257)
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Management consultancy services	652	(652)
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Other sales	3	3
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Reimbursement of expenses	36	(36)
82,040,600-1	Sociedad de Inversiones de Aviación Ltda.	Chile	Indirect associate	Storage services	4,788	(4,788)

Empresas Copec S.A. - Consolidated Financial Statements as of December 31, 2019

As of December 31, 2018

Chilean ID Number	Related Entity	Country	Relationship	Goods or Services	Transaction Value	Effect on net income
					without VAT ThUS\$	income ThUS\$
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Sale of fuel	406,850	406,850
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Administrative services	1,869	1,869
96,942,120-8	AIR BP COPEC S.A.	Chile	Joint venture	Other purchases	338	(338)
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Sale of lubricants	342	342
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Other sales	418	418
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Sale of fuel	4,311	4,311
96,731,890-6	Cartulinas CMPC S.A.	Chile	Common shareholder	Pulp	79	79
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Sale of lubricants	926	926
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Sales of material, etc.	153	153
96,532,330-9	CMPC Celulosa S.A.	Chile	Common shareholder	Other purchases	11	(11)
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Sale of fuel	123	123
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Sale of lubricants	476	476
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Other sales	38	38
95,304,000-K	CMPC Maderas S.A.	Chile	Common shareholder	Logs	644	(644)
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Sale of lubricants	171	171
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Other sales	2	2
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Sale of fuel	209	209
96,529,310-8	CMPC Tissue S.A.	Chile	Common shareholder	Other purchases	22	(22)
96,505,760-9	Colbún S.A.	Chile	Director in common	Electricity	286	286
96,505,760-9	Colbún S.A.	Chile	Director in common	Sale of lubricants	69	69
76,218,856-2	Colbún Transmisión S.A.	Chile	Director in common	Electricity	453	(453)
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Sale of fuel	2,527	2,527
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Sale of lubricants	130	130
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Mobilization and stevedoring	10,607	(10,607)
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Other sales	13	13
79,895,330-3	Compañía Puerto de Coronel S.A.	Chile	Indirect associate	Other sales	50	50
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Sale of fuel	27,002	27,002
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Sale of lubricants	926	926
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Other sales	164	164
96,893,820-7	Corpesca S.A.	Chile	Indirect associate	Raw materials purchase	2,548	(2,548)
99,500,140-3	Eka Chile S.A.	Chile	Joint venture	Electricity	24,857	24,857
99,500,140-3	Eka Chile S.A.	Chile	Joint venture	Purchase of sodium chlorate	47,209	(47,209)
76,659,730-0	Elemental S.A.	Chile	Indirect associate	Other sales	5,155	5,155
92,580,000-7	Empresa Nacional de Telecomunicaciones S.A.	Chile	Common shareholder	Telephone services	2,008	(2,008)
92,580,000-7	Empresa Nacional de Telecomunicaciones S.A.	Chile	Common shareholder	Sale of fuel	619	619
79,825,060-4	Forestal del Sur S.A.	Chile	Common shareholder	Harvesting services	26,308	26,308
79,825,060-4	Forestal del Sur S.A.	Chile	Common shareholder	Wood and logs	1,675	(1,675)
91,440,000-7	Forestal Mininco S.A.	Chile	Common shareholder	Sale of fuel	798	798
91,440,000-7	Forestal Mininco S.A.	Chile	Common shareholder	Logs and others	261	(261)
96,636,520-K	Gasmar S.A.	Chile	Indirect associate	Purchase of fuel	278,315	(278,315)
76,349,706-2	Hualpén Gas S.A.	Chile	Indirect associate	Sale of gas	4,302	4,302
94,082,000-6	Inversiones Siemel S.A.	Chile	Common shareholder	Facilities rental	326	(326)
96,722,460-K	Metrogas S.A.	Chile	Associate	Purchase natural gas	1,489	(1,489)
96,722,460-K	Metrogas S.A.	Chile	Associate	Sale of fuel	215	215
93,628,000-5	Molibdenos y Metales S.A.	Chile	Common shareholder	Sale of fuel	1,436	1,436
78,096,080-9	Portaluppi, Guzmán y Bezanilla Attorneys	Chile	Partner Director	Legal advisory services	1,262	(1,262)
96,959,030-1	Puerto Lirquén S.A. (ex Portuaria Sur de Chile S.A.)	Chile	Indirect associate	Port services	8,488	(8,488)
86,370,800-1	Red To Green S.A.	Chile	Common shareholder	Sales of material, etc.	682	682
86,370,800-1	Red To Green S.A.	Chile	Common shareholder	IT services	475	(475)
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Management consultancy services	555	(555)
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Administrative services	629	(629)
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Other purchases	7	7
96,925,430-1	Servicios Corporativos Sercor S.A.	Chile	Indirect associate	Reimbursable expenses	62	(62)
82,040,600-1	Sociedad de Inversiones de Aviación Ltda.	Chile	Indirect associate	Storage services	4,712	(4,712)
76,384,550-8	Sociedad Nacional Marítima S.A.	Chile	Indirect associate	Sale of fuel	1,451	1,451
76,384,550-8	Sociedad Nacional Marítima S.A.	Chile	Indirect associate	Administrative services	635	635
76,384,550-8	Sociedad Nacional Marítima S.A.	Chile	Indirect associate	Sale of lubricants	88	88
76,384,550-8	Sociedad Nacional Marítima S.A.	Chile	Indirect associate	Other sales	10	10
76,384,550-8	Sociedad Nacional Marítima S.A.	Chile	Indirect associate	Maritime transport	8,028	(8,028)
-	Unillin Arauco Pisos Ltda.	Brazil	Joint venture	Timber	1,474	1,474
76,724,000-7	Woodtech S.A.	Chile	Common shareholder	Timber volume measurement services	2,449	(2,449)

18.4 Board of Directors and Senior Executives

Remuneration of senior executives includes directors, managers and deputy managers and comprises a fixed monthly amount, as well as discretionary annual bonuses.

The compensation for Directors and senior executives are as follows:

Senior Management and Director's Remuneration	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Salaries and bonuses	103,814	113,898
Director's fees	6,927	7,676
Termination benefits	8,640	9,735
Total remuneration for senior executives	119,381	131,309

NOTE 19. PROVISIONS, CONTINGENT ASSETS AND CONTINGENT LIABILITIES**I. Lawsuits and other legal actions of the affiliate Celulosa Arauco y Constitución S.A. ("Arauco"), its affiliates and associates:**

1. Arauco Argentina S.A.

Within the scope of Law No.25,080, the former Department of Agriculture, Livestock, Fisheries and Food was authorized to approve Resolution 952/2000 containing forestry and forestry-industrial investment projects submitted by Arauco Argentina S.A. These projects allowed the Company to plant: 1) 4,777 hectares of forests during 2000 in compliance with the annual plan; and 2) 23,012 hectares between 2000 and 2006 as part of its multiple year forestation plan. It also built a sawmill with installed capacity to produce 250,000 m³ of timber per year.

On January 11, 2001 Arauco Argentina S.A. presented an extension to the approved forestry-industrial project. This extension was approved by Resolution 84/03 by the former Department of Agriculture, Livestock, Fisheries and Food. The Company complied with its obligations by building an MDF panel board plant and planted 8,089 hectares of forest between 2001 and 2006.

The Company has submitted annual forestry plans from 2007 through to 2018 for its plantations located in the provinces of Misiones and Buenos Aires.

The Agriculture, Livestock and Fisheries Secretariat approved Resolution 2019-55-APN-SECAGYP#MPYT on March 25, 2019, which approved the 2007 annual forest plan. It also approved the annual forest plan for 2009 on June 12, 2019 through Resolution 2019-114-APN-SECAGYP#MPYT, and approved the annual forest plan for 2008 on November 29, 2019 through Resolution 2019-228-APN-SECAGYP#MPYT. Therefore, Arauco Argentina S.A. will be able to calculate the income tax exemptions with effect from 2019 on the forestry value of the plantations it harvests from the land included in these plans.

In March 2005 the Department of Agriculture, Livestock and Forestation issued Note 145/05, which suspended the exemption of export duties that Arauco Argentina S.A. had enjoyed until that date, in accordance with Law 25,080. This measure is being discussed by the Company. On November 8, 2006 the Fifth Court of the National Appeals Chamber for Contentious, Federal and Administrative Matters issued a decision authorizing Arauco Argentina S.A. to continue enjoying the export duty exemption as it had done previously before the suspension issued in Note 145/05. But that goods should be released using the guarantee regime established in Article 453(a) of the Customs Code, for the export duty exempt from payment. The legal measure was enforced from March 2007 by pledging guarantees through providing bail policies for each of the shipping permits exempt from export duty. Arauco Argentina S.A. has a provision for AR\$1,406,696,320 (equivalent to ThUS\$23,512 as of December 31, 2019) for the export duties guaranteed during 2007 to 2015, presented in the heading "Other long-term provisions". The Company also initiated a repetition claim for US\$ 6,555,207, plus interest from the transfer notification date, for export duties paid between March 2005 and March 2007 as a result of Note 145/05 issued by the Department of Agriculture, Livestock and Forestry being enforced. The Company's claim is being processed in Case 21830/2006 before Federal Administrative Litigation Court 4. On October 28, 2019, a first instance ruling was issued that rejected the claim and imposed the costs on Arauco. The Company filed an appeal against this ruling and expressed its grievances in December 2019.

Furthermore, in April 2016 the Department of Agriculture, Livestock, Fisheries and Food issued resolution 154-E/2016 requiring the owners of undertakings that received certain fiscal benefits in accordance with Law 25,080 to pledge guarantees to cover a third of the project duration with a minimum of five years. In May 2019, the Company amended its guarantee constituted in accordance with this Resolution, to become a total of AR\$ 384,317,563 Argentine pesos (equivalent to ThUS\$ 6,423 as of December 31, 2019).

The Company believes that it has met all its obligations under Law 25,080.

2. Celulosa Arauco y Constitución S.A.:

2.1 On August 25, 2005, the Chilean Servicio de Impuestos Internos (the "Chilean IRS") issued tax calculations 184 and 185 of 2005. These challenged the capital reduction transactions effected by Arauco on April 16, 2001 and October 31, 2001, and requested the Company to reimburse amounts returned to it in respect of tax losses, and to amend to its taxable profits and losses carried forward. Therefore, the tax calculations required the reimbursement of the historical amount of Ch\$4,571,664,617 as of October 31, 2002 (equivalent to ThUS\$6,106 as of December 31, 2019). On November 7, 2005, the Company requested a Review of Tax Inspection Activities (Revisión de la Actuación Fiscalizadora, or "RAF"), and a claim was filed against the abovementioned tax calculations 184 and 185 of 2005. The RAF was resolved on January 9, 2009 by the Chilean IRS, which only partially sustained Arauco's request and reduced the sum to Ch\$1,209,399,164 (equivalent to ThUS\$ 1,615 as of December 31, 2019), leaving an amount in dispute of Ch\$3,362,265,453 (equivalent to ThUS\$ 4,491 as of December 31, 2019) plus fines, interest and indexation. On February 19, 2010, the Court issued an order in which the claim was filed against the RAF.

On September 26, 2014 Arauco requested to submit this complaint to the jurisdiction of the new tax and customs courts. Subsequently, on October 10, 2014, Arauco's request was granted, and the case was submitted to the new Courts under RUC 14-9-0002087-3. On September 20, 2017, the Court passed judgment of first instance, confirming the assessments.

On October 12, 2017 Arauco filed an appeal requesting the Santiago Appeals Court to revoke the first instance sentence, and on June 29, 2018, the Santiago Appeals Court issued a second instance sentence, confirming the first instance. On July 19, 2018, Arauco submitted an appeal to the Supreme Court, Case 24,758-2018.

On June 21, 2019, Celulosa Arauco y Constitución S.A. filed an application for inapplicability before the Constitutional Court, due to unconstitutionality with respect to the legal precept contained in Article 53, paragraph 3 of the Tax Code.

On October 29, 2019, the Constitutional Court upheld the request filed by Celulosa Arauco y Constitución S.A., declaring unconstitutionally inapplicable Article 53, paragraph 3 of the Tax Code in the proceedings entitled "Celulosa Arauco y Constitución S.A. with SII Dirección Grandes Contribuyentes", before the Supreme Court, for the appeal submitted under Case 24,758-2018.

The case is currently before the Supreme Court.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

Plants

2.2 The Environment Superintendent ("SMA" in Spanish) issued Resolution 1 dated January 8, 2016, notified on January 14, 2016, which leveled 11 allegations against the Company for breaches in Environmental Approval Resolutions at the Valdivia plant and DS 90/2000. The 11 allegations were classified by the SMA as follows: 1 very serious, 5 serious and 5 minor.

On February 12, 2016, the company presented its defense.

On December 15, 2017, the SMA issued Resolution 1487, terminating the administrative proceedings, acquitting one allegation and upholding ten allegations with a penalty of UTA 7,777 (equivalent to ThUS\$ 6,185 as of December 31, 2019). On December 22, 2017, the company filed an appeal with the SMA against Resolution 1487, requesting to be acquitted of all allegations, with the exception of allegation number 7 (late submission of the water quality report for the Cruces River).

The SMA notified the Company of Resolution 357 on March 23, 2018, which rejected the appeal submitted by the company. Therefore, on April 5, 2018 a judicial appeal was submitted to the Third Environmental Tribunal.

On February 11, 2020, the Third Environmental Court issued a ruling that partially upheld the Company's claim, only with respect to the inadequate qualification of the seriousness of one of the charges (Charge 2, the green liquor spill that occurred on January 17, 2014 that was not diverted as a last resort to the effluent treatment system).

On February 28, 2020, both the Company and the SMA filed appeals with the Supreme Court. Case pending.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31,

2019.

2.3 Resolution 1/Role F-031-2016, dated September 15, 2016, described three demands filed by the SMA against the Company for alleged breaches to specific Environmental Qualification Resolutions granted for the Constitución Plant, and for an alleged breach to Law 19,300 for having evaded the Environmental Impact Assessment System. The three demands were classified by the SMA as follows: 1 serious and 2 minor.

On October 17, 2016, the Company submitted a Compliance Program that contained 7 tasks and goals. On January 3, 2017 the Company was notified of the resolution approving this compliance program. If the program is implemented satisfactorily, it may be possible to conclude the procedure without sanctions being applied.

On October 2, 2017, a final report on the Compliance Program was submitted, and supplemented on December 11, 2017, which reported the complete and comprehensive implementation of all the tasks and measures referred to in the program.

The SMA issued Resolution 1076 on July 29, 2019 declaring that the Compliance Program had been successfully completed and terminated the penalty proceedings.

Celulosa Arauco y Constitución S.A., Forestal Arauco S.A., Maderas Arauco S.A. and Servicios Logísticos Arauco S.A.

2.4 On August 13, 2018, the Asociación Gremial de Dueños de Camiones de Constitución ("Asoducam") filed a lawsuit for forced compliance plus damages against Forestal Arauco S.A., Servicios Logísticos Arauco S.A., Celulosa Arauco y Constitución S.A. and Maderas Arauco S.A. The lawsuit was based on alleged breaches of the 2001 and 2005 cargo allocation, distribution and supply agreements entered into by Asoducam's associates with Forestal Arauco S.A. initially, and then allegedly, according to the plaintiff, with Servicios Logísticos Arauco S.A., in favor of the other two defendants, Celulosa Arauco y Constitución S.A. and Maderas Arauco S.A. It requests forced performance of the contract, plus Ch\$575,000,000 (equivalent to ThUS\$ 768 as of December 31, 2019) in damage compensation and in subsidy (a) Ch\$11,189,270,050 (equivalent to ThUS\$14,944 as of December 31, 2019), for emergent damages; (b) Ch\$11,189,270,050 per month in loss of profit during the entire duration of the lawsuit, until the contract is declared terminated in the final ruling, and (c) Ch\$5,000,000,000 (equivalent to ThUS\$6,678 as of December 31, 2019) for moral damages.

Celulosa Arauco y Constitución S.A., Forestal Arauco S.A. and Maderas Arauco S.A. were notified of the demand on August 28, 2018. Servicios Logísticos Arauco S.A. has not yet been notified.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

3. Forestal Arauco S.A.:

3.1 On April 28, 2015, the Company was notified and responded to a regular repossession procedure, case number C-334-2014 from the Constitución Civil Court, filed by Mr. Rodrigo Huanquimilla Arcos and Mr. Mario Andrades Rojas, lawyers, in representation of 24 members of the Arcos beneficiaries, alleged to be the owners of the Quivolgo Estate, containing 5,202 hectares, request that Forestal Celco SA, now called Forestal Arauco SA, is required to restore this property with its civil and natural benefits, and the attached properties and any impairments to the property, with costs. They base their claims on the alleged Forestal Celco SA, now called Forestal Arauco SA, being custodian but not owner of this property.

The Company responded to the demand requesting full rejection, with costs, alleging that Forestal Celco SA, now called Forestal Arauco SA is the only legitimate and exclusive owner of the property.

The Tribunal ordered this trial to be combined with case C-54-2015, which is mentioned in 3.2.

3.2 On April 6, 2015, the Company was notified in Santiago of a regular repossession procedure, case number C-54-2015, filed by Mr. Gustavo Andrés Ochagavia Urrutia, lawyer, in representation of 23 members of the Arcos beneficiaries, alleged to be the owners of the Quivolgo Estate, containing 5,202 hectares, and requesting that Forestal Celco SA, now Forestal Arauco SA, is required to restore this property with its civil and natural benefits, and the attached properties and any impairments to the property, with costs. They base their claims on the alleged Forestal Celco SA, now called Forestal Arauco SA, being custodian but not owner of this property.

On April 28, 2015, the Company filed a response requesting full rejection, with costs, alleging that Forestal Celco SA, now Forestal Arauco SA is the legitimate and exclusive owner of the property.

On January 8, 2016, the defendant applied for these cases to be added to Case C-334-2014, described in point 3.1. The Tribunal accepted this request that these cases be combined.

On February 24, 2017 the final judgment of first instance was notified, which rejected the entire demand with costs.

On March 8, 2017, the plaintiff filed an appeal against the judgment of the court of first instance. On May 25, 2018, the Talca Appeals Court confirmed the judgment of the court of first instance, with costs (Talca Appeals Court Case 949-2017).

On June 12, 2018, the plaintiff contested the decision of the Appeals Court by filing an appeal with the Supreme Court. (Case 16,583-2018).

On October 14, 2019, the Supreme Court rejected the appeal filed by the plaintiffs, thus ending the trial. On November 7, 2019, the ruling was certified as binding. Case closed.

3.3 On July 11, 2017, the Company was notified of a civil lawsuit claiming land ownership, filed by Ms. Carmen Muñoz Dominguez in representation of Forestal Ezrece S.A., who argued that her client is the owner by assignment and sale of 87.5% of the inheritance rights of the rural property called "Pino Huacho" located in Los Alamos and Cañete, in the Lebu province, Biobio Region. The land has an area of 5,144.22 hectares, alleged to be owned by Forestal Arauco

S.A., and requesting the Court to resolve that Forestal Arauco S.A. should be ordering to restore the land to its rightful owner. Forestal Arauco S.A. responded to the demand, requesting that it should completely rejected with costs, and adding a counterclaim based on the statute of limitations.

On July 30, 2019, a ruling was issued fully rejecting both the main claim and the counterclaim. (Case C-109-2017 at Lebu Civil Court)

On August 12, 2019, the plaintiff filed an appeal against the final judgment. On September 2, 2019, Forestal Arauco S.A. joined the appeal, and the case is pending before the Concepción Court of Appeals. (Case 1853-2019).

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

3.4 Ms. Estela Jaramillo filed a lawsuit in special indigenous proceedings before the First Court of Osorno (Case C-2540-2018), requesting the absolute nullity of the purchase agreement entered into in 1999, by which Consorcio Forestal S.A. sold to Forestal Valdivia S.A., now Forestal Arauco S.A., a 1505.6 hectare piece of land called Fundo San Nicolás Dos Lote Uno Norte. It also claimed damages for the exploitation, use and enjoyment of indigenous lands against Forestal Arauco S.A.

On November 10, 2018, Forestal Arauco S.A. was notified of the lawsuit. On January 16, 2019, the Tribunal withdrew the lawsuit against Consorcio Forestal S.A., which had not been notified of the demand.

On March 18, 2019, a response and conciliation hearing was held, and the case was received on the evidence of the summons.

On November 11, 2019, the parties were summoned to hear judgment, which is still pending.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

3.5 Inversiones Forestales Los Alpes Limitada and Forestal Neltume-Carranco S.A. filed a claim against Forestal Arauco S.A. before the Angol Court (Case C-502-2015), in which they request that Forestal Arauco S.A. restores its possession of 1,855.9 hectares, which is part of their property "Resto del Fundo Los Alpes" that covers approximately 2,700 hectares. They also request that the plaintiffs are declared exclusive owners of the property, that its civil and natural benefits are restored, plus any deterioration of the property, with costs.

On May 29, 2019, the lawsuit was contested and a counterclaim of acquisitive prescription was filed.

The discussion period is now over, and the parties received a summons dated January 16, 2020 to attend a reconciliation hearing.

The reconciliation hearing was held on March 3, 2020, and a ruling on the case is pending.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

3.6 On August 2, 2019, the company was notified of a lawsuit filed by "Sociedad Recuperadora de Fibra S.A." before the First Valdivia Civil Court (Case C-2215-2019). The plaintiff in this lawsuit challenged the early termination of a contract by Forestal Arauco. It also alleges that the company may have breached various contractual obligations in respect of two groups of contracts:

- A. (i) Gravel Transportation Contract and (ii) Platforms and Storage Production, Loading, Storage Handling and Construction Contract.
- B. (i) Aggregates Production Services Contract, (ii) Aggregates Long Freight Services Contract and (iii) Aggregates Short Freight and Granular Storage Construction Services Contract.

Consequently, it requests the payment of an indemnity amounting to Ch\$3,486,187,431 (equivalent to ThUS\$4,656 as of December 31, 2019).

On September 17, 2019, Forestal Arauco S.A. Responded to the demand and filed a counterclaim for damages, requesting that the plaintiff be ordered to pay Ch\$421,723,281 (equivalent to ThUS\$563 as of December 31, 2019).

The court received the case on January 9, 2020, with notification pending.

There is a reasonable possibility of obtaining a favorable result for Arauco, as the Company's position is based on solid legal arguments. Therefore, Arauco has not created any provisions for this contingency as of December 31, 2019.

4. Arauco do Brasil S.A.:

On November 8, 2012, Brazilian Tax Authorities issued an Infraction Notice against a Brazilian affiliate, Arauco do Brasil S.A., for alleged unpaid taxes purportedly due by such company for the years 2006 to 2010. In particular, the Tax Authorities (i) objected to the deductibility of certain payments made and expenses incurred (including premium amortization, interest and legal expenses) by Arauco do Brasil between 2005 and 2010 and (ii) alleged that Arauco do Brasil made certain underpayments in respect of the Brazilian Corporate Income Tax ("IRPJ") and the Brazilian Social Contribution on Net Profits ("CSLL") during 2010.

On July 20, 2015, Arauco do Brasil was notified of a decision at the first administrative level, to partially uphold the case, with an estimated value of BR\$ 164,159,000 (ThUS\$ 40,891 as of December 31, 2019). An appeal was submitted against this decision, to revoke the Infraction Notice with the CARF (the Brazilian Taxation Appeals Administrative Council), which is the second administrative level. The CARF reached a decision on May 16, 2017 having considering some of the Company's arguments regarding the premiums, but retaining other charges. Arauco do Brasil was notified of a CARF decision on September 27, 2018 presenting the current value at BR\$ 57,556,262 (ThUS\$ 14,337 as of December 31, 2019), plus interest and inflation adjustments until the discussion is closed. Arauco do Brasil filed an appeal, to request clarification by CARF of some of its decision points. On January 25, 2019, the CARF ruled that there would be no clarifications or omissions to be substituted, thus initiating the period to submit the

last administrative appeal. This Special Appeal was submitted to the Upper Fiscal Appeals Chamber of the CARF (CSRF) on February 11, 2019, reiterating the Company's defense arguments on the issues and charges that remained in that process, and a decision on that Special Appeal is now awaited.

Based on the last declaration embargos decision, the CARF set the current value under discussion at BR\$58,059,580 (ThUS\$ 14,462 as of December 31, 2019) on the January 31, 2019 base, and interest and inflation indexation would be added to this value with effect from January 31, 2019 until the case is finalized.

The Company believes that its objection to the Infraction Notice is supported by solid legal arguments and that there is a reasonable likelihood that this matter will result in a favorable outcome for the Company. Otherwise, the next step would be for the Company to challenge the notification with Brazilian Justice.

Therefore, Arauco has not made any provision for this contingency as of December 31, 2019.

II. Lawsuits or other legal actions of the affiliate Compañía de Petróleos de Chile Copec S.A. and its affiliates:

1. Compensation for damages

- a) Mr. Mauricio Madrid Marticorena and Luis Sepulveda Marticorena filed three lawsuits in the Third Civil Court of Santiago. The first lawsuit in summary proceedings for damages caused by an alleged breach in Law 17,336 on Intellectual Property, during negotiations to launch a business making Biodiesel from algae. The amount claimed is ThUS\$ 1,135.

The plaintiffs are seeking compensation for damages before the same court and for the same events, alleging that COPEC has breached business secrecy rules, namely Law 19,039 on Intellectual Property. The amount claimed is ThUS\$ 311.

Finally, based on the same events, the plaintiffs brought an ordinary action for damages of tort. The amount is ThCh\$ 895,000.

Both cases ruled in Copec's favor in the first instance. Subsequently, the Appeal Court partially upheld one of the demands and ordered Copec to pay ThCh\$ 40,000. As a result, Copec appealed to the Supreme Court, and its ruling is pending.

The possibility of an unfavorable outcome is remote.

- b) A group of 107 Mejillones fishermen filed a claim for damages against the Company, which is being processed before the 13th Civil Court of Santiago. The case is based on the damages suffered by the fishermen following a fuel spill on August 2018 at Mejillones beach. Each plaintiff is claiming damages of Ch\$10,000,000 so the lawsuit amounts to ThCh\$1,070,000. Currently the case is pending judgment, but it is covered by insurance policies. The possibility of a contingent liability arising that is not covered by insurance is remote.

- c) The family of the child María Isabel Díaz Moyano, who died as a result of an accidental collision caused by a Company employee in a Company vehicle, filed a claim for damages against the Company with the 7th Civil Court of Santiago. The plaintiffs have claimed total damages of ThCh\$1,400,000. This is covered by insurance policies and the claim is plausible but for smaller amounts than those claimed by the plaintiffs.

2. Pureo Plant

On September 6, 2011, there was a spill of diesel fuel in the Fuel Storage Plant located in Pureo, Calbuco, which had the following consequences:

- A group of mussel farmers sued the Company in Puerto Montt for compensation for the damages following the fuel spill at the plant in Calbuco, Pureo. The demand totaled ThCh\$ 830,200. The plaintiffs withdrew their claim, so the farmer's case is closed.
- Subsequently, a second lawsuit for ThCh\$ 1,501,701, for consequential damages, lost profits and moral damage, was presented by Martinez, which is in addition to the first. First and second instance rulings rejected the claim. At present, the second case is now before the Supreme Court following an appeal filed by the plaintiff.

According to Management and its legal counsel, the contingency is remote.

3. SEC fines

There are several fines imposed by the Superintendence of Electricity and Fuels for approximately ThUS\$20,000.

According to Management and its legal counsel, an unfavorable result is possible.

4. Quintero Lubricants Plant

The Union of Independent Workers, Artisanal Fishermen, Sea-food Divers and similar trades in Horcón bay and other people in the area filed a demand with the second Santiago Environmental Court for environmental damage caused by several companies operating in the "Ventanas Industrial Complex", which is located in the Quintero and Ventanas bays, including Empresas Copec S.A. as alleged operator of the Lubricants Plant located on the edge of Quintero Bay, Loncura sector, which is described in Case file D-30-2016, and notified on November 10, 2016.

The alleged environmental damage is based on operating an industrial plant that Empresas Copec does not control, as it is owned and operated by its affiliate Compañía de Petróleos de Chile Copec S.A. Therefore, Empresas Copec S.A. filed a defense that it is not responsible for this alleged environmental damage and requested that the case be dropped. Subsequently, the case went to trial, and the court decided that the dilatory exceptions will be resolved in the final judgment. The proceedings are currently suspended, pending the outcome of discussions for regarding a potential agreement.

According to the legal advisers, the Company's defense is sufficiently strong to expect that the court will reject the demand.

5. Internal Revenue Service (SII) assessment appeal

On August 29, 2019, Copec S.A. was notified of income tax assessments by the Internal Revenue Service, due to the corporate reorganization of vehicles acquired in various stages to achieve control of Organización Terpel. These assessments are related to a capital increase, dissolution and liquidation of an affiliate of Copec S.A., which resulted in a tax loss in Tax Year 2016. The assessed tax amounts to ThCh\$ 30,752,000, and when interest, inflation indexation and fines are added, the total becomes ThCh\$ 60,822,000. On October 11, 2019, Copec submitted a Voluntary Administrative Replacement (RAV), requesting that the aforementioned assessment be annulled. A preliminary hearing was held on November 7, 2019, concerning this RAV. The case was closed in early 2020 due to an agreement with the SII followed by a payment to the Treasury of approximately US\$3 million.

6. Affiliates

Organización Terpel S.A.

- As a result of purchasing the Cartagena plant in Colombia, Organización Terpel S.A. undertook to indemnify the Third Party Acquirer (Inversiones Primax S.A.S. and Primax Holdings S.A.S.) against any of the following events:
 - a. Any lawsuit or claim related to the Mobil lubricants business that was transferred by DAC to Terpel, for a maximum term equal to the statute of limitations under Colombian law (10 years) and up to an amount equal to the final price of the Fuels Resale SPA - Share Purchase Agreement (after adjustments). This value has not yet been defined since the adjustments have not been made. A claim has been filed, which is at the initial stage. According to an evaluation by internal and external legal advisors there are no significant contingencies for the organization. The contingency will become clearer as the case progresses, depending on what happens at the evidentiary stage.
 - b. On environmental issues, only for a breach or inaccuracy in the representations and guarantees established in the SPA, for a period of 10 years and limited to ThUS\$ 5,000.
 - c. On transfer prices, only for a breach or inaccuracy of the representations and guarantees established in the Fuels Resale SPA for a period of five and a half years and limited to ThUS\$5,000.
- On July 3, 2013, the DIAN (the Colombian Directorate of Taxes and Customs) rejected the deduction of US\$38.497 million, being amortization of goodwill generated on the acquisition of shares in GAZEL included in the income declaration presented by TERPEL for the fiscal year 2010. Organización Terpel S.A. responded to this special requirement stating how it had satisfied all the requirements established by law to deduct as an expense the amortization of goodwill in the 2010 tax year and accordingly asked the DIAN to accept the declaration with this deduction, but as a result of its rejection, legal action was taken. In June 2018, the court of first instance ruled in favor of TERPEL, so the fiscal authority filed an appeal within the legal terms and conditions, July 10, 2018. Once the appeal has been resolved, the extraordinary review appeal will be processed by the Council of State, whose final decision could take up to four years. According to legal counsel, the likelihood of success is high.
- PGN GASNORTE S.A.C. filed a lawsuit against the Lima Metropolitan Municipality, Peru and PROTRANSPORTE for a breach of the Concession Agreement for Gasocentro Norte, which caused the following damages: a) Accrued interest, b) Finance costs overrun on the accrued interest on the Loan with Interbank, and c) Lower income received by PGN GASNORTE. The amount claimed was US\$3.2 million, and the arbitral award that

resolved the dispute was recently reported and upheld PGN GASNORTE S.A.C. However, the Lima Metropolitan Municipality filed a clarification appeal before the Second Commercial Chamber of the Judicial Branch, which was resolved on September 23, 2019, declaring the appeal unfounded and therefore the arbitration award valid. This will enable the execution stage to begin.

- PGN GASUR S.A.C. filed a lawsuit against the Lima Metropolitan Municipality, Peru and PROTRANSPORTE for a breach of the Concession Agreement for Gasocentro Sur, which caused the following damages: a) Financial costs overrun on the accrued interest on the Loan with Interbank, and b) Lower income received by PGN GASUR S.A.C. The amount claimed was US\$1.0 million, and the arbitral award that resolved the dispute was recently reported and upheld PGN GASUR S.A.C. However, the Lima Metropolitan Municipality filed a clarification appeal before the First Commercial Chamber of the Judicial Branch, which was finally dismissed because the appeal had expired, as the appeal submitted by the Lima Metropolitan Municipality was filed too late. Consequently, the Judicial Branch declared the arbitral award valid, thus initiating the execution stage.
- The entire NGV industry in Peru (including the affiliate Terpel Peru) is being investigated for alleged price agreements between 2011 and 2015, and a technical report was issued by the secretary of the competition authority (INDECOPI) who recommended applying sanctions to the affiliate of US\$17.5 million. On August 7, 2018, Gazel Peru was granted an audience before the Free Trade Commission, in order to undermine the recommendation in the technical report. New hearings were scheduled for October 12, 15 and 16 following the resignation of one of the Commissioners. The closing arguments were completed in January 2019. The related companies (Bacthor and Bacpetrol, affiliates of Terpel Peru, were linked and fined) were notified in Resolution 104-2018/CLC-INDECOPI of the following fines:
 - Terpel, approx. US\$17 million.
 - Bacthor and Bacpetrol, approx US\$1.5 million.

On February 1, 2019, an appeal was filed, which will be resolved by the Fair Trade Court during the second half of 2020. If the appeal decision is not favorable (which is to be expected, given that the decision is made by the same entity that sanctioned it), the demands would be filed before the contentious jurisdiction against the resolution that imposed the sanction. This process will take approximately 5 years.

After the appeal was filed, INDECOPI unofficially reduced Terpel's fine by approximately US\$5 million, to leave a total fine of approximately US\$12 million. This is not a decision resulting from the appeal, as this has not yet been decided.

On May 3, 2019, a protection appeal was filed against INDECOPI with the purpose of nullifying the imposition of the fine imposed on TERPEL PERU, BACPETROL and BACTHOR, for deficiencies in the process. This appeal was filed before the 11th Sub-Specialized Constitutional Court on Tax, Customs and Market Issues under Case 2631-2019 and was admitted on June 17, 2019. On September 27, 2019, Resolution 3 notified the defendant with copies of the claim statement and appendices. Estimated time to complete the process is two and a half years.

- Ludesa and Casamotor (former distributors of Mobil lubricants) filed a lawsuit for approximately US\$85 million against Distribuidora Andina de Combustibles S.A. (formerly ExxonMobil de Colombia S.A., now Primax Colombia S.A.), alleging a commercial agency contract since 1962. They also allege unjustified termination of the business relationship. Organización Terpel S. A. is responsible for the outcome of this process, since it agree

to indemnify Inversiones Primax S.A.S. and Primax Holdings S.A.S. who are the third party acquirers of ExxonMobil Colombia's business, against any lawsuit or claim related to the Mobil lubricants business in Colombia. The proceedings have reached an initial stage (response to the demand). To date, the plaintiffs have not proved the business relationship since 1962. The plaintiffs were created in 2013 and 1996. Additionally, there is documentation confirming that the commercial relationship covered distribution of lubricants by purchases for resale, which was legally terminated as the agreed term expired. The plaintiffs (Ludesa and Casamotor) submitted an amendment to the lawsuit, which was admitted on October 16, 2019. Subsequently, Terpel filed an appeal against admitting the amended lawsuit, arguing undue accumulation of claims and lack of clarity, which affects its ability to adequately exercise its right of defense. A ruling from the judicial authority is pending.

- Héctor Mario Gomez is a former affiliate of EDS Bandera Terpel, and sued the company seeking compensation for alleged damage caused by the termination of negotiations to renew the fuel supply contract. Mr. Gomez estimates his damages at US\$2.3 million. The defense requested recognition that the demand by Mr. Gomez is unlawful, because his previous contract and the negotiation were with Estación de Servicio el Grande EU. Additionally, it is argued that the termination of the negotiations was not unjustified and untimely, Terpel Organization was not obliged to sign a new contract with Mr. Gomez and within the negotiation of the contract there were good reasons to determine that it was not convenient to renew it. The evidentiary stage has been completed and the date for the hearing has been set for February 3, 2020.
- The service station maintenance provider, L&H Ingeniería Hernández Ltda. filed a lawsuit against Terpel requesting that it be held liable for the economic and extrapatrimonial damages, estimated at US\$3.9 million, caused by the alleged improper termination of the contractual relationship. The defense arguments are aimed at demonstrating that the contract ended due to the expiration of its term. The evidentiary stage has been completed, and a ruling in favor of Terpel was issued on October 10, 2019. The plaintiff appealed against this ruling, which was admitted and is currently before the Barranquilla High Court.
- The competitor Importadora Fertilpetróleos Tasajero S.A.S. filed a lawsuit against Terpel, alleging unfair competition for breaches in the regulations at a supply plant without adequate permission for dumping, and requests that Terpel be ordered to pay US\$3.52 million. The defense is aimed at demonstrating that no regulations were breached, as the plant had all the environmental and hydrocarbon sector permits. As a result, Terpel was not an illegitimate market operator, as the plaintiff alleges. Furthermore, the defense will try to demonstrate that the lawsuit is statute-barred. The case is at the evidence stage.
- The aviation customer Aerosucre filed a lawsuit requesting that Terpel be declared civilly responsible for breaking the law, by collecting VAT on products that are expressly exempt from this tax under the law. Therefore, it requests that Terpel be ordered to reimburse all the resulting damages caused between 2011 and 2013, estimated at US\$1 million. The process was defective due to a breach of due process and lack of jurisdiction of the judge, so the corresponding annulment was filed, which was denied in the first instance. An appeal was filed against this decision on October 10, 2019.

6. Guarantees

Guarantees are received from third parties in favor of the Company and are mortgages, pledges and retentions on concession and consignment agreements, fuel supply contracts, lines of credit and construction contracts.

The main guarantees as of the reporting date were as follows:

GUARANTEE	TRANSACTION	ThUS\$	COMPANY	RELATIONSHIP
Mortgage	Fuel and Lubricant Supply Contract	1,006	EST DE SERV VEGA ARTUS LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	736	AMELIA MARTINEZ RASSE Y COMPAÑIA LT	Concession
Mortgage	Fuel and Lubricant Supply Contract	760	COMERCIAL Y SERVICIOS PINCAL LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	648	JAIME ALEJANDRO VILLANUEVA LOZANO	Concession
Mortgage	Fuel and Lubricant Supply Contract	731	PATRICIO ABRAHAM GHIARDO JEREZ	Concession
Mortgage	Fuel and Lubricant Supply Contract	628	DINO PEIRANO Y CIA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	543	ALTO MELIMOYU S.A.	Concession
Mortgage	Fuel and Lubricant Supply Contract	536	SOCIEDAD COMERCIAL RINCON LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	524	COMBUSTIBLES Y SERVICIOS LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	524	DISTR. DE COMB. COKE LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	521	COMERCIAL Y SERVICIOS FERSOF LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	516	COMERCIAL DE PABLO Y MARIN LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	506	GAJARDO E HIJOS LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	499	COMERCIAL LINCOYAN LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	479	COMERCIALIZADORA LONCOMILLA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	476	AUTOMOTRIZ Y COMERCIAL LONCOMILLA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	470	COMERCIAL F. Y H. LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	464	COMERCIAL MAHO LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	445	COMERCIAL Y SERVICIOS SAN IGNACIO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	426	SOCIEDAD COMERCIAL CAROLINA HERNAND	Concession
Mortgage	Fuel and Lubricant Supply Contract	424	MARTINEZ RASSE Y CIA. LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	418	DE LA FUENTE MARTINEZ Y COMPAÑIA	Concession
Mortgage	Fuel and Lubricant Supply Contract	418	INV Y COM LIRAY LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	415	COM. Y DISTRIBUIDORA LOS LIRIOS LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	413	COMERCIAL Y SERVICIOS DG LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	409	GARCIA Y COMPAÑIA LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	402	ESTACION DE SERVICIO VIÑA DEL MAR LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	401	COMERCIAL BEFFERMANN E HIJOS LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	398	ROSENBERG Y SEPULVEDA LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	397	ADMINISTRACION DE E/S AUTONOMA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	397	STEFFENS Y COMPAÑIA LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	392	DELAC S.A.	Concession
Mortgage	Fuel and Lubricant Supply Contract	389	COMERCIALIZADORA Y DISTRIBUIDORA DEL	Concession
Mortgage	Fuel and Lubricant Supply Contract	375	SANTA LUISA DE NAVA DEL REY LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	368	SERVICIOS KAYFER LIMITADA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	372	COMERCIAL ONE STOP LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	371	COMERCIAL ONE STOP LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	363	COMERCIAL ELIZABETH OCARANZA	Concession
Mortgage	Fuel and Lubricant Supply Contract	347	DISTRIBUIDORA VALLE GRANDE LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	360	COMERCIAL J & C MOYA LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	359	SOCIEDAD COMERCIAL LAS VIOLETAS	Concession
Mortgage	Fuel and Lubricant Supply Contract	356	COMERCIAL SOZA Y ARAVENA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	355	COMERCIAL Y SERVICIOS EL TATIO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	350	COMERCIAL Y SERVICIOS PALAU LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	345	EST. DE SERV. COLON TOMAS MORO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	338	COMERCIAL Y SERVICIOS LA ROCHELLE	Concession
Mortgage	Fuel and Lubricant Supply Contract	338	SOCIEDAD COMERCIAL EL PARRON	Concession
Mortgage	Fuel and Lubricant Supply Contract	324	COMERCIAL VARELA Y COMPAÑIA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	321	COMBUSTIBLES VARELA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	321	INVERSIONES JOTAS LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	308	COM E INV SANTA CATALINA LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	307	RAMIS Y RAMIS LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	303	COMERCIAL Y SERVICIOS SEGUEL- BEYZA	Concession
Mortgage	Fuel and Lubricant Supply Contract	302	DISTRIBUIDORA PERCAB LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	301	COMERCIAL MAHANA Y COMANIA LIMITAD	Concession
Mortgage	Fuel and Lubricant Supply Contract	300	FL COMERCIAL LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	296	COMERCIAL GRUPO MYDO LTDA.	Concession

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GUARANTEE	TRANSACTION	COMPANY	RELATIONSHIP
Mortgage	Fuel and Lubricant Supply Contract	292 COM Y DIST PIRQUE LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	291 COMERCIAL Y SERVICIOS S & J FULL LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	291 COMERCIAL E INVERSIONES SALARES	Concession
Mortgage	Fuel and Lubricant Supply Contract	290 COMERCIAL. MALLKU LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	288 EXPENDIO DE COMBUSTIBLES Y LU	Concession
Mortgage	Fuel and Lubricant Supply Contract	287 COMERCIAL DOMINGA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	284 COMERCIAL Y SERVICIOS NEWEN L	Concession
Mortgage	Fuel and Lubricant Supply Contract	285 GERMAN LUIS CONTRERAS CHAVEZ	Concession
Mortgage	Fuel and Lubricant Supply Contract	284 SOCIEDAD LUIS FONG VERGARA Y CIA	Concession
Mortgage	Fuel and Lubricant Supply Contract	282 DE LA PAZ MERINO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	279 DISTRIBUIDORA B&B LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	279 COMERCIAL Y SERVICIOS RIMED LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	278 SOCIEDAD COMERCIAL PEREZ Y POBLETE	Concession
Mortgage	Fuel and Lubricant Supply Contract	276 COMERCIAL CAUTIN LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	275 COMERCIAL Y SERVICIOS M & C LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	272 BODEGAJE, LOGISTICA Y DISTRIBUCION	Concession
Mortgage	Fuel and Lubricant Supply Contract	271 DANIEL VILLAR Y CIA. LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	270 MUÑOZ Y DIMTER LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	270 SOC. COMERCIAL QUINWER LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	269 AUTOMOTRIZ CRISTOBAL COLON LT	Concession
Mortgage	Fuel and Lubricant Supply Contract	267 COMERCIAL CSC LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	265 COMERCIAL Y SERVICIOS FUTRONO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	265 GRANESE Y ROSELLI LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	262 NTEC SERVICIOS Y COMERCIALIZADORA	Concession
Mortgage	Fuel and Lubricant Supply Contract	259 SOCIEDAD COMERCIAL URQUIETA H	Concession
Mortgage	Fuel and Lubricant Supply Contract	257 COMERCIAL Y SERVICIOS BALMA L	Concession
Mortgage	Fuel and Lubricant Supply Contract	256 COM Y SERVICIOS SAN ALFONSO LTDA	Concession
Mortgage	Fuel and Lubricant Supply Contract	254 ANGELA HENRIQUEZ MAGGIOLO Y	Concession
Mortgage	Fuel and Lubricant Supply Contract	250 MARIA DE LOS ANGELES PRADO DE	Concession
Mortgage	Fuel and Lubricant Supply Contract	248 SOCIEDAD HERRERA PRADO LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	247 COMERCIAL GRONA LIMITADA	Concession
Mortgage	Fuel and Lubricant Supply Contract	243 SOC COMERCIAL SHARPE HNAS. LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	240 COMERCIAL Y SERVICIOS RIGAL T	Concession
Mortgage	Fuel and Lubricant Supply Contract	240 GEOMAZ COMERCIAL Y SERVICIOS LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	239 COMERCIAL E INVERSIONES BORQUEZ	Concession
Mortgage	Fuel and Lubricant Supply Contract	239 COMERCIAL Y SERVICIOS BRAXO	Concession
Mortgage	Fuel and Lubricant Supply Contract	238 COMERCIAL Y SERVICIOS LENGA	Concession
Mortgage	Fuel and Lubricant Supply Contract	237 COMERCIAL Y SERVICIOS R & R L	Concession
Mortgage	Fuel and Lubricant Supply Contract	237 DISTRIBUIDORA DIAZ Y COMPAÑIA	Concession
Mortgage	Fuel and Lubricant Supply Contract	236 COMERCIAL Y SERVICIO ALESANDRIA LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	196 COMERCIAL LOS CONQUISTADORES LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	165 DIST DE COMBUST SAN IGNACIO LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	95 COMERCIAL Y SERVICIOS MEDNAV LTDA.	Concession
Mortgage	Fuel and Lubricant Supply Contract	940 VALLE DORADO S.A.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	792 DISTRIBUIDORA DE LUB. SAN JAVIER	Distributor
Mortgage	Fuel and Lubricant Supply Contract	537 SOCIEDAD LUBRICANTES Y SERVIC	Distributor
Mortgage	Fuel and Lubricant Supply Contract	577 COMERCIAL. RENGU LUBRICANTES S.A.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	484 LUBRICANTES ARTIGUES S.A.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	484 LUBRICANTES ARTIGUES S.A.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	529 COMERCIAL. HARAMBOUR LTDA.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	418 SOC. COM. NUEVA LONCOMILLA LTDA.	Distributor
Mortgage	Fuel and Lubricant Supply Contract	1,238 TRANSPORTES MARITIMOS KOCHIFAS S.A.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	876 BUSES METROPOLITANA S.A.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	764 PULLMAN CARGO S.A.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	876 BUSES METROPOLITANA S.A.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	757 FUENTES SALAZAR SANDRA	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	480 SOTALCO II LTDA.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	479 COMERCIAL CALAMA S.A.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	470 PINTO LAGOS MIGUEL ANGEL	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	398 PETROMAULE LTDA.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	306 SOCIEDAD COMERCIAL E INMOBILIARIA	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	398 PETROMAULE LTDA.	Industrial Customer
Mortgage	Fuel and Lubricant Supply Contract	269 OSCAR GILBERTO HURTADO LOPEZ	Industrial Customer
Promissory Note	Fuel and Lubricant Supply Contract	589 ASOC. GREMIAL DE DUEÑOS DE CAMIONES	Industrial Customer
Promissory Note	Fuel and Lubricant Supply Contract	294 SOC. ELECTRICAS DE MEDELLIN S.A.	Industrial Customer
Promissory Note	Fuel and Lubricant Supply Contract	110 HUILO HUILO DESARROLLO TURISTICO	Industrial Customer
Promissory Note	Fuel and Lubricant Supply Contract	122 DISTRIBUIDORA DE COMBUSTIBLES	Industrial Customer
Promissory Note	Fuel and Lubricant Supply Contract	135 TRANSP. PUBLICO PASAJEROS RUTA LAS PLAYAS	Industrial Customer
Pledge	Fuel and Lubricant Supply Contract	110 FUENTES SALAZAR SANDRA	Industrial Customer
Pledge	Fuel and Lubricant Supply Contract	110 RICARDO LEIVA Y CIA. LTDA.	Industrial Customer
Pledge	Fuel and Lubricant Supply Contract	105 SALAZAR CRANE JULIA	Industrial Customer
Pledge	Fuel and Lubricant Supply Contract	105 RICARDO LEIVA Y CIA. LTDA.	Industrial Customer
Instrument	Fuel and Lubricant Supply Contract	53 SOCIEDAD HERRERA BRAVO LTDA.	Concession
Instrument	Fuel and Lubricant Supply Contract	20 COMERCIAL. MAR Y SOL LTDA.	Concession

Guarantees Granted

Celulosa Arauco y Constitución S.A.

At the date of these consolidated financial statements, the affiliate Arauco has approximately US\$40 million in financial assets transferred to third parties (beneficiaries), as direct guarantees. If the obligation is not satisfied by Arauco, the beneficiary may enforce this guarantee.

As of December 31, 2019 there are assets pledged as indirect guarantees amounting to US\$543 million. Unlike direct guarantees, indirect guarantees are provided to safeguard an obligation assumed by a third party.

On September 29, 2011, Arauco signed a Guarantee Agreement under which it granted a non-several commitment to guarantee 50% of the obligations of two Uruguayan companies (joint operations) Celulosa y Energía Punta Pereira S.A. and Zona Franca Punta Pereira S.A., under the IDB Facility Agreement for US\$454 million and the Finnvera Guaranteed Facility Agreement for US\$900 million.

Below is a breakdown of the main direct and indirect guarantees granted by Arauco:

Direct

Affiliate	Guarantee	Asset Committed	Currency	ThUS\$	Guarantee Beneficiary
Celulosa Arauco y Constitución S.A.	Performance bond	-	Chilean peso	488	General Directorate of Maritime Territory and the Merchant Navy
Celulosa Arauco y Constitución S.A.	Performance bond	-	Chilean peso	209	General Directorate of Maritime Territory and the Merchant Navy
Arauco Forest Brasil S.A.	Endorsement of ADB	-	Reals	529	Banco Votorantim S.A.
Arauco Forest Brasil S.A.	Mortgage of ADB's Jaguariava Industrial Plant	Property, plant and equipment	Reals	38,036	BNDES
Arauco Florestal Arapoti S.A.	Endorsement of ADB	-	Reals	597	Banco Votorantim S.A.
Total				39,859	

Indirect

Affiliate	Guarantee	Asset Committed	Currency	ThUS\$	Guarantee Beneficiary
Celulosa Arauco y Constitución S.A.	Non several and non cumulative guarantee	-	US dollars	236,117	Joint Ventures (Uruguay)
Celulosa Arauco y Constitución S.A.	Full guarantee	-	US dollars	300,000	Arauco North America (ex Flakeboard America Ltd.) (USA)
Celulosa Arauco y Constitución S.A.	Guarantee letter	-	US dollars	1,996	Arauco Forest Brasil y Mahal (Brazil)
Celulosa Arauco y Constitución S.A.	Guarantee letter	-	Reals	5,029	Arauco Forest Brasil y Mahal (Brazil)
Total				543,142	

Abastible S.A.

The indirect affiliate Solgas pledged to Banco Scotiabank Perú S.A.A. assets equivalent to ThUS\$112,238, to guarantee borrowings from financial institutions of ThUS\$92,188 (equivalent to PS/.303,300,000). The term is 7 years from January 2019.

Compañía de Petróleos de Chile Copec S.A.

The Company has furnished performance bonds to guarantee delivery of fuels to customers and to guarantee works on public thoroughfares and other similar roads for a total of ThUS\$ 60,108 (ThUS\$ 57,159 as of December 31, 2018).

Pesquera Iquique – Guanaye S.A.

The indirect affiliate Orizon S.A. pledged 124,150 shares in the associate Boat Parking S.A. in favor of that company, in order to ensure compliance with all current or future contractual obligations of Orizon S.A. to Boat Parking S.A.

Alxar Internacional SpA

On May 16, 2018 at an Extraordinary Shareholders' Meeting held by Empresas Copec and in relation to the Mina Justa project, it was agreed to provide guarantees under the following terms:

- 1) To secure during the project's construction and commissioning phase up to 40% of Marcobre's obligations with a syndicate of loan agencies, financial institutions and banks, who would provide a "Project Finance" loan. This loan would be between US\$ 800 million and US\$ 900 million, and the guarantee is limited to US\$360 million, which is 40% of the maximum figure.
- 2) Provided it is acceptable to the respective counterparties, to assume 40% of the guarantees provided by Minsur in favor of Ausenco, to guarantee Marcobre obligations under EPCM contracts in relation to the project. Or if for any reason it could not assume these guarantees, to authorize Empresas Copec to sign a back-to-back guarantee agreement, provided Minsur requires it, in order to reimburse Minsur or its related parties (as the case may be), of 40% of all costs payable by Minsur or its related parties under such guarantee. These contracts are valued at US\$75.4 million, and the guarantee was limited to 40% of this value, plus 10%, being US\$33.176 million.

Accordingly, on August 15, 2018, Grupo Cumbres Andinas S.A.C. signed a syndicated loan with a group of lenders composed of Export Development Canada, Export Finance and Insurance Corporation, KFW IPEX-Bank GMBH, The Export-Import Bank of Korea, Banco Bilbao Viscaya Argentaria, S.A.A., Hong Kong, Banco de Crédito del Perú and others, where it obtained a credit line of US\$900 million with a Libor variable interest rate. As of December 31, 2019, the Group had received disbursements of US\$522 million.

There are no other contingencies which could significantly affect the company's financial or operating conditions as of the reporting date.

Disclosure information regarding provisions:

Provisions are recognized when there is a legal or constructive obligation as a consequence of past events, it is likely that a payment will be necessary to settle the obligation, and the amount of such payment can be reliably estimated. The amount is the best possible estimate at each reporting date.

	Current		Non-Current	
	12.31.2019 ThUS\$	12.31.2018 ThUS\$	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Provisions				
Legal claims provision	9,693	8,889	11,286	14,205
Onerous contracts provision	0	0	23,188	23,188
Decommissioning, restoration and rehabilitation provision	260	214	20,256	27,508
Profit share and bonuses provision	0	1,042	304	304
Other provisions	9,046	9,618	25,522	25,025
Total	18,999	19,763	80,556	90,230

Changes in provisions ThUS\$	Guarantee provision	Legal claims provision	Onerous contracts provision	Decommissioning, restoration and rehabilitation provision	Profit share and bonuses provision	Other provisions	Total
Opening balance as of January 1, 2019	0	23,094	23,188	27,722	1,346	34,643	109,993
Changes in provisions							
Increase (decrease) in provisions	0	757	0	(519)	0	35,402	35,640
Current provision for onerous contracts	0	0	0	0	0	0	0
Acquisitions through business combinations	0	815	0	0	0	0	815
Disposals through sales of businesses	0	0	0	(289)	(1,042)	(1,109)	(2,440)
Provisions used	0	(4,263)	0	0	0	(35,213)	(39,476)
Reversal of unused provisions	0	(251)	0	0	0	0	(251)
Increase for adjustment of the time value of money	0	1,438	0	1,628	0	0	3,066
Increase (decrease) from changes in discount rate	0	0	0	0	0	0	0
Exchange differences	0	0	0	0	0	0	0
Increase (decrease) in foreign currency translation	0	(2,453)	0	(1,419)	0	(35)	(3,907)
Additional provisions	0	1,196	0	0	0	866	2,062
Other increases (decreases)	0	646	0	(6,607)	0	14	(5,947)
Total changes in provisions	0	(2,115)	0	(7,206)	(1,042)	(75)	(10,438)
Closing balance as of December 31, 2019	0	20,979	23,188	20,516	304	34,568	99,555

Changes in provisions ThUS\$	Guarantee provision	Legal claims provision	Onerous contracts provision	Decommissioning, restoration and rehabilitation provision	Profit share and bonuses provision	Other provisions	Total
Opening balance as of January 1, 2018	0	27,948	0	26,453	1,053	34,922	90,376
Changes in provisions							
Increase (decrease) in provisions	0	4,232	0	2,703	412	12,799	20,146
Current provision for onerous contracts	0	0	0	0	0	0	0
Acquisitions through business combinations	0	0	23,622	0	0	0	23,622
Disposals through sales of businesses	0	0	0	0	0	0	0
Provisions used	0	(3,229)	0	(76)	0	(12,409)	(15,714)
Reversal of unused provisions	0	(2,469)	0	0	0	0	(2,469)
Increase for adjustment of the time value of money	0	0	0	0	0	0	0
Increase (decrease) from changes in discount rate	0	0	0	0	0	0	0
Exchange differences	0	0	0	0	0	0	0
Increase (decrease) in foreign currency translation	0	(5,502)	(434)	(1,322)	2	(67)	(7,323)
Additional provisions	0	0	0	0	0	141	141
Other increases (decreases)	0	2,114	0	(36)	(121)	(743)	1,214
Total changes in provisions	0	(4,854)	23,188	1,269	293	(279)	19,617
Closing balance as of December 31, 2018	0	23,094	23,188	27,722	1,346	34,643	109,993

The provision for legal claims primarily corresponds to labor and tax related lawsuits, and the term of payment is undetermined. The recognition of investments in associates with negative equity at the reporting date is presented in Other provisions.

The Group recognizes a provision for the present value of the dismantling, restoration and rehabilitation costs that will be incurred in the restoration of the locations of certain plants and service stations on property belonging to third parties and mine closures. The expected payment date is not yet known.

Other Matters

As a result of purchasing the Cartagena plant, Organización Terpel S.A. undertakes to indemnify the Third Party Acquirer (Inversiones Primax S.A.S. and Primax Holdings S.A.S.) against any of the following events:

- Any lawsuit or claim related to the Mobil lubricants business that was transferred by DAC to Terpel, for a maximum term equal to the statute of limitations under Colombian law (10 years) and up to an amount equal to the final price of the Fuels Resale SPA -Share Purchase Agreement (after adjustments). This value has not yet been defined since the adjustments have not been made.
- On environmental issues, only for a breach or inaccuracy in the representations and guarantees established in the SPA, for a period of 10 years and limited to US\$5 million.
- On transfer prices, only for a breach or inaccuracy of the representations and guarantees established in the Fuels Resale SPA for a period of five and a half years and limited to US\$5 million.

NOTE 20. EMPLOYEE BENEFITS OBLIGATIONS

These amounts are mainly obligations for service termination indemnities for certain employees, based on the provisions of collective and individual employment contracts.

Description	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Vacation benefits	141	140
Post-employment benefits	11,669	11,015
Other employee benefits	0	0
Total current benefits	11,810	11,155
Post-employment benefits	113,753	111,463
Other employee benefits	0	0
Total non-current benefits	113,753	111,463
Total employee benefits	125,563	122,618
Reconciliation of post-employment benefits	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Opening balance	122,618	129,840
Current service cost	10,947	4,702
Gain on business combination	462	2,249
Interest costs	5,927	6,219
Actuarial (gains) losses on changes in assumptions	6,787	(85)
- Demographic and financial assumptions	0	0
Past service costs	58	4,710
Actuarial (gains) losses due to experience	1,211	(281)
Benefits paid (provisioned)	(12,409)	(9,818)
Increase (decrease) on changes in foreign currency	(10,038)	(14,918)
Changes for the period	2,945	(7,222)
Closing Balance	125,563	122,618

The liability recognized in the consolidated statement of financial position is the present value of the obligation for defined benefits as of the reporting date based on actuarial calculations using the projected unit-credit method. This liability is for the defined benefits based on actuarial calculations in accordance with the projected unit-credit method. This calculation discounts the estimated future outflows of cash at interest rates on instruments denominated in the currency in which such benefits will be paid and with terms similar to those of the corresponding obligations.

Actuarial gains or losses arising from experience and from changes in actuarial assumptions are charged or credited to the changes in net equity statement in the period in which they occur.

Costs for past services are recognized immediately in the consolidated statement of net income.

NOTE 21. INVESTMENTS IN AFFILIATES AND ASSOCIATES ACCOUNTED FOR USING *THE EQUITY METHOD*

1. The ownership interest of the Empresas Copec S.A. Group in its main associates accounted for using the equity method are the following:

As of December 31, 2019

Chilean ID Number	Name	Interest %	Country	Relationship	Functional Currency	Costs Investments in associates ThUS\$	Income (Loss) ThUS\$
-	Vale do Corisco S.A.	49.00	Brazil	Indirect associate	Real	38,370	4,120
-	Cumbres Andinas S.A.	40.00	Peru	Indirect associate	US dollar	345,701	(4,316)
96,722,460-K	Metrogas S.A.	39.83	Chile	Associate	Chilean peso	87,156	26,388
96,893,820-7	Corpesca S.A.	39.79	Chile	Indirect associate	US dollar	94,564	(11,948)
82,777,100-7	Puertos y Logística S.A.	23.16	Chile	Indirect associate	US dollar	0	2
96,785,680-0	Inversiones Puerto Coronel S.A.	50.00	Chile	Indirect associate	US dollar	55,029	3,301
96,636,520-K	Gasmar S.A.	36.25	Chile	Indirect associate	US dollar	0	8,978
99,500,140-3	Eka Chile S.A.	50.00	Chile	Joint venture	Chilean peso	22,522	1,677
76,307,309-2	Naviera Los Inmigrantes S.A.	50.00	Chile	Joint venture	Chilean peso	7,436	(398)
76,384,550-8	Sociedad Nacional Marítima S.A.	39.33	Chile	Indirect associate	US dollar	0	1,182
96,942,120-8	AIR BP Copec S.A.	50.00	Chile	Joint venture	Chilean peso	6,221	594
-	Unilin Arauco Pisos Ltda.	49.99	Brazil	Joint venture	Real	3,441	21
-	Montagas S.A. ESP	33.33	Colombia	Indirect associate	Colombian peso	3,725	1,399
82,040,600-1	Sociedad de Inversiones de Aviación Ltda.	33.33	Chile	Indirect associate	Chilean peso	3,462	2,121
96,953,090-2	Boat Parking S.A.	21.36	Chile	Joint venture	Chilean peso	983	15
76,349,706-2	Hualpén Gas S.A.	50.00	Chile	Indirect associate	US dollar	1,765	528
70,037,855-0	Inversiones Laguna Blanca S.A.	50.00	Chile	Joint venture	US dollar	51,776	(155,727)
-	PGN Gasnorte S.A.C	50.00	Colombia	Indirect associate	Colombian peso	1,453	560
-	PGN Gasur S.A.C	50.00	Colombia	Indirect associate	Colombian peso	721	309
76,122,974-5	Algae Fuels S.A.	44.64	Chile	Indirect associate	Chilean peso	0	(89)
-	Energas S.A. ESP	28.33	Colombia	Indirect associate	Colombian peso	542	83
96,925,430-1	Servicios Corporativos Sercor S.A.	20.00	Chile	Indirect associate	Chilean peso	173	(7)
76,659,730-0	Elemental S.A.	40.00	Chile	Indirect associate	Chilean peso	253	6
76,077,468-5	Consorcio Tecnológico Bionercel S.A.	20.00	Chile	Indirect associate	Chilean peso	7	0
76,839,949-2	Parque Eólico Ovejeras del Sur SpA.	49.99	Chile	Indirect associate	Chilean peso	796	(12)
76,879,577-0	E2E S.A.	49.99	Chile	Indirect associate	Chilean peso	1,738	(618)
76,743,130-9	Genómica Forestal S.A.	25.00	Chile	Indirect associate	Chilean peso	0	0
76,044,336-0	Golden Omega S.A.	25.00	Chile	Indirect associate	US dollar	21,981	(4,274)
76,456,800-1	Mina Invierno S.A.	0.10	Chile	Joint venture	US dollar	648	(66)
76,242,018-K	Forestal y Ganadera Estancia Invierno S.A.	14.39	Chile	Joint venture	Chilean peso	8	0
76,037,858-5	Producción y Servicios Mineros Ltda.	0.01	Chile	Joint venture	Chilean peso	(22)	(17)
-	Sonae Arauco	50.00	Spain	Joint venture	Euros	168,880	(709)
76,578,731-9	Aprovisionadora Global de Energía S.A.	39.83	Chile	Associate	US dollar	25,321	22,315
76,188,378-K	Compañía Minera Sierra Norte S.A.	50.00	Chile	Joint venture	US dollar	0	0
76,037,872-0	Rentas y Construcciones Fitz Roy Ltda.	0.01	Chile	Joint venture	Chilean peso	(101)	(47)
96,919,150-4	Minera Invierno S.A.	0.01	Chile	Joint venture	US dollar	(24)	(9)
76,037,864-K	Portuaria Otway Ltda.	0.01	Chile	Joint venture	US dollar	(80)	(52)
-	Fibroacero S.A.	26.00	Ecuador	Indirect associate	US dollar	3,018	50
76,996,827-K	Inversiones Caleta Vitor S.A.	39.79	Chile	Indirect associate	US dollar	62,121	11,939
96,783,150-6	St Andrews Smoky Delicacies S.A.	0.17	Chile	Indirect associate	US dollar	10,791	1,449
84,764,200-9	Empresa Pesquera Apiao S.A.	0.17	Chile	Indirect associate	Chilean peso	3,727	156
77,750,270-0	Agrícola San Gerardo SpA	0.00	Chile	Joint venture	Chilean peso	2,162	0
76,037,869-0	Equipos Mineros Río Grande Ltda.	0.01	Chile	Joint venture	Chilean peso	(91)	(32)
TOTAL						1,026,173	(91,128)

Empresas Copec S.A. - Consolidated Financial Statements as of December 31, 2019

As of December 31, 2018

Chilean ID Number	Name	Interest %	Country	Relationship	Functional Currency	Costs Investments in associates ThUS\$	Income (Loss) ThUS\$
-	Vale do Corisco S.A.(ex Centaurus Holding Brasil)	49.00	Brazil	Indirect associate	Real	38,497	(296)
-	Cumbres Andinas S.A.	40.00	Peru	Indirect associate	US dollar	225,250	(7,788)
96,722,460-K	Metrogas S.A.	39.83	Chile	Associate	Chilean peso	113,656	25,952
96,893,820-7	Corpesca S.A.	39.79	Chile	Indirect associate	US dollar	158,237	4,996
82,777,100-7	Puertos y Logística S.A.	23.16	Chile	Indirect associate	US dollar	71,888	688
96,785,680-0	Inversiones Puerto Coronel S.A.	50.00	Chile	Indirect associate	US dollar	51,760	3,040
96,636,520-K	Gasmar S.A.	36.25	Chile	Indirect associate	US dollar	34,134	7,072
99,500,140-3	Eka Chile S.A.	50.00	Chile	Joint venture	Chilean peso	21,341	1,654
76,307,309-2	Naviera Los Inmigrantes S.A.	50.00	Chile	Joint venture	Chilean peso	7,835	1,442
76,384,550-8	Sociedad Nacional Marítima S.A.	39.33	Chile	Indirect associate	US dollar	0	(12,773)
96,942,120-8	AIR BP Copec S.A.	50.00	Chile	Joint venture	Chilean peso	6,107	660
-	Unillin Arauco Pisos Ltda.	49.99	Brazil	Joint venture	Real	3,555	(2)
-	Montagas S.A. ESP	33.33	Colombia	Indirect associate	Colombian peso	3,463	1,309
82,040,600-1	Sociedad de Inversiones de Aviación Ltda.	33.33	Chile	Indirect associate	Chilean peso	3,753	2,121
96,953,090-2	Boat Parking S.A.	21.36	Chile	Joint venture	Chilean peso	898	19
76,349,706-2	Hualpén Gas S.A.	50.00	Chile	Indirect associate	US dollar	1,490	497
70,037,855-0	Inversiones Laguna Blanca S.A.	50.00	Chile	Joint venture	US dollar	207,654	3,183
-	PGN Gasnorte S.A.C	50.00	Colombia	Indirect associate	Colombian peso	1,557	521
-	PGN Gasur S.A.C	50.00	Colombia	Indirect associate	Colombian peso	636	317
76,122,974-5	Algae Fuels S.A.	44.64	Chile	Indirect associate	Chilean peso	28	29
-	Energas S.A. ESP	28.33	Colombia	Indirect associate	Colombian peso	604	165
96,925,430-1	Servicios Corporativos Sercor S.A.	20.00	Chile	Indirect associate	Chilean peso	193	18
76,659,730-0	Elemental S.A.	40.00	Chile	Indirect associate	Chilean peso	269	(3)
76,077,468-5	Consorcio Tecnológico Bionerel S.A.	20.00	Chile	Indirect associate	Chilean peso	7	(2)
76,839,949-2	Parque Eólico Ovejeras del Sur SpA.	49.99	Chile	Indirect associate	Chilean peso	597	(147)
76,879,577-0	E2E S.A.	49.99	Chile	Indirect associate	Chilean peso	2,044	(185)
76,743,130-9	Genómica Forestal S.A.	25.00	Chile	Indirect associate	Chilean peso	0	2
76,044,336-0	Golden Omega S.A.	25.00	Chile	Indirect associate	US dollar	7,381	(4,493)
76,456,800-1	Mina Invierno S.A.	0.10	Chile	Joint venture	US dollar	716	(9)
76,242,018-K	Forestal y Ganadera Estancia Invierno S.A.	14.39	Chile	Joint venture	Chilean peso	9	0
76,037,858-5	Producción y Servicios Mineros Ltda.	0.01	Chile	Joint venture	Chilean peso	(5)	(1)
-	Sonae Arauco	50.00	Spain	Joint venture	Euros	177,548	12,551
76,578,731-9	Aprovisionadora Global de Energía S.A.	39.83	Chile	Associate	US dollar	12,851	21,698
76,188,378-K	Compañía Minera Sierra Norte S.A.	50.00	Chile	Joint venture	US dollar	0	0
76,037,872-0	Rentas y Construcciones Fitz Roy Ltda.	0.01	Chile	Joint venture	Chilean peso	(54)	0
96,919,150-4	Minera Invierno S.A.	0.01	Chile	Joint venture	US dollar	(15)	2
76,037,864-K	Portuaria Otway Ltda.	0.01	Chile	Joint venture	US dollar	(28)	4
-	Fibroacero S.A.	26.00	Ecuador	Indirect associate	US dollar	2,944	68
76,037,869-0	Equipos Mineros Río Grande Ltda.	0.01	Chile	Joint venture	Chilean peso	(58)	(8)
TOTAL						1,156,742	62,301

Summarized financial information of associates:

	12.31.2019		12.31.2018	
	Assets ThUS\$	Liabilities ThUS\$	Assets ThUS\$	Liabilities ThUS\$
Associates, current	144,531	97,547	1,018,079	806,864
Associates, non-current	1,130,299	494,975	3,466,245	1,541,512
Total Associates	1,274,830	592,522	4,484,324	2,348,376

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Associates, operating revenue	433,843	3,540,528
Associates, operating expenditure	(377,784)	(3,374,491)
	56,059	166,037

2. Interest in joint ventures:

Interests in joint ventures is accounted for using the equity method.

3. Movements in investments in associates are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Equity method investments in associates		
Opening balance	1,156,742	995,512
Additions, investments in associates and joint ventures	158,545	249,004
Disposals, investments in associates and joint ventures	(67,324)	0
Immediately recognized purchased goodwill	0	0
Gain on incorporating joint ventures	0	14,203
Share of associates net profit (loss)	(91,128)	48,098
Share of prior period amounts	0	0
Dividends received	(67,408)	(70,998)
Impairment losses	0	0
Impairment loss reversals	0	0
Increase (decrease) in foreign currency translation	(33,274)	(64,894)
Other increases (decreases)	(9,295)	(24,536)
Exchange differences	(20,685)	10,353
Total changes	(130,569)	161,230
Closing balance	1,026,173	1,156,742

4. The principal purchases and sales of shares, capital increases and decreases, mergers and divisions for indirect affiliates and associates are as follows.

A) Energy Sector

Exxon Mobil

On November 16, 2016, Compañía de Petróleos de Chile Copec S.A. signed an agreement with Mobil Petroleum Overseas Company Limited and ExxonMobil Ecuadoris Holding B.V. This is a regional agreement to develop and distribute Mobil lubricants, which includes:

- i) Operating and marketing of fuels for the Jorge Chavez International Airport in Lima, Peru;
- ii) Transfer of the fuels business currently operated by ExxonMobil in Colombia and Ecuador.

The objective of the agreement is to expand the distribution networks for lubricants in other countries within the Andean area of South America and capture growth opportunities offered by markets in Chile, Colombia, Peru and Ecuador.

The agreement was subject to approval by governmental authorities in each country.

The transaction was closed on March 15, 2018, which resulted in:

1. Organización Terpel Corporation (an affiliate of Terpel), acquired the companies ExxonMobil Andean Holding LLC.; ExxonMobil del Peru S.R.L.; ExxonMobil Aviacion Peru S.R.L.; ExxonMobil de Colombia S. A. and ExxonMobil de Colombia Sociedad Portuaria S.A.
2. Terpel acquired ExxonMobil Ecuador Ltda.
3. In accordance with the conditions imposed on the transaction by the Colombian Superintendent of Industry and Commerce:
 - 3.1) Organización Terpel Corporation transferred ownership of the shares in ExxonMobil Colombia S. A. to an autonomous entity, controlled by a third party.
 - 3.2) This autonomous entity should transfer the lubricants business with all the associated logistics to Terpel as soon as possible, and then sell the fuel business to a third party.
4. The total indexed price was US\$ 714.7 million, which includes the cash held by the companies included in the transaction of approximately US\$ 230 million, subject to reconciliation.

Finally, on November 30, 2018, the indirect affiliate Organización Terpel S.A. was notified by its shareholders that a contract was signed to sell the share capital of ExxonMobil Colombia S.A. to Inversiones Primax S.A.S. and Primax Holdings S.A.S., both companies belonging to Corporación Primax and Grupo Romero for US\$ 231.9 million.

ExxonMobil's businesses in Peru, Ecuador and Colombia contributed ThUS\$385,448 in operating revenue and ThUS\$461 in net losses after tax to the Group's results for 2019, net of financing costs for these acquisitions.

Creation and acquisition of companies from the affiliate Compañía de Petróleos de Chile Copec S.A.

- On October 14, 2019, Compañía de Petróleos de Chile Copec S.A. took control of Flux Solar Energías Renovables S.P.A. when it acquired an 80% interest for ThUS\$1,969. Flux Solar is a specialist in the engineering, design, development and construction of solar energy and energy efficiency projects, focusing on distributed injection solar projects under the Net-Billing Law 20,571 and Small Distributed Generation Projects (PMGD). It is also a distributor and provides technical services for solar products and integrated solutions.

- On October 22, 2019, Pronto Box SpA was incorporated through Compañía de Petróleos de Chile Copec S.A. with a total subscribed share capital of ThUS\$1. Its main purpose is to develop and commercialize technological applications and operate retail establishments.

- On December 10, 2019, Copec Voltex SpA was incorporated through Compañía de Petróleos de Chile Copec S.A. with a total subscribed share capital of ThUS\$1,556. Its main purpose is to store and commercialize energy and provide electrical services.

Nortesantandereana de Gas S.A.E.S.P. Merger

During 2019, there were changes to the shareholder composition of Inversiones del Nordeste and its affiliates, which was formalized on November 1, 2019. This process resulted in the absorption by Nortesantandereana de Gas S.A.E.S.P (Norgas) of: Compañías Asociadas de Gas S.A.E.S.P, Colgas de Occidente S.A.E.S.P, Gases de Antioquia S.A.E.S.P, Servicios del Nordeste S.A. and Inversiones del Nordeste S.A.

B) Forestry Sector

On December 31, 2018, Arauco Wood Products Inc. and Arauco Panels USA, LLC were merged into Flakeboard America Limited (now Arauco North America, Inc). This transaction did not affect Arauco's results.

- On August 3, 2018, Arauco Wood (China) Company Limited was created through the affiliate Arauco Internacional Ltda. with a share capital of ThUS\$500, although only ThUS\$150 has been paid to date.

- On May 7, 2018 Arauco created Maderas Arauco Costa Rica S.A. through Inversiones Arauco Internacional Ltda., and its share capital is 10,000 colones (equivalent to US\$ 18). On December 24, 2018, Inversiones Arauco Internacional Ltda. contributed capital of ThUS\$300 to Sociedad Maderas Arauco Costa Rica S.A.

- On May 2, 2018 the affiliate Maderas Arauco S.A. created E2E S.A. in Chile, with share capital of ThUS\$6,000, where Arauco has a 50% interest. At the close of these consolidated financial statements ThUS\$2,711 was contributed.

- On January 19, 2018, the Chilean company Parque Eólico Ovejera Sur SpA was created through the affiliate Arauco Bioenergy S.A. where Arauco has a 50% interest. The capital contributed by Arauco was ThUS\$892.

- On January 31, 2019, the affiliates Inversiones Arauco Internacional Ltda. and Arauco Mex, S.A. de C.V.

acquired all the shares of the Mexican companies Maderas y Sintéticos de México, S.A. de C.V. (currently Arauco Industria de Mexico, S.A. de C.V.), Maderas y Sintéticos Servicios S.A. de C.V. (currently Araucomex Servicios, S.A. de C.V.), Masisa Manufactura, S.A. de C.V. (currently Arauco Serviquirex, S.A. de C.V.), Placacento Masisa México, S.A. de C.V. (currently Tablered Araucomex, S.A. de C.V.) and Masnova Química, S.A. de C.V. (currently Arauco Química S.A. de C.V.). The final transaction price was ThUS\$168,680, which was paid during this year.

After estimating fair values for acquiring these companies in Mexico, Arauco recorded in Other gains (losses) in the consolidated statement of net income a gain of ThUS\$21,674 during 2019.

- On September 1, 2019, Prime-Line, Inc. was acquired through the affiliate Arauco North America, Inc. The price paid was ThUS\$12,626. This acquisition generated goodwill of ThUS\$732.

C) Fishing Sector

- On December 27, 2018, Pesquera Iquique-Guanaye S.A. together with Empresa Pesquera Eperva S.A. acquired from Sociedad Pesquera Coloso S.A. 205,719,290 shares that it owned in Orizon S.A., which represents 20% of that company's subscribed and paid share capital, for ThUS\$20,000. Therefore, Pesquera Iquique-Guanaye S.A. agreed to pay ThUS\$16,700 to Coloso for an increase of 16.7% in its interest in Orizon, giving it an 83.5% interest in this indirect affiliate.

- On December 27, 2018, the shareholders agreed to split Corpesca S.A. at an Extraordinary Shareholders' Meeting. A new company was formed called Inversiones Caleta Vitor S.A. with a share capital of ThUS\$110,232, leaving Corpesca with ThUS\$265,602. The split became effective for taxation and financial purposes as of January 1, 2019.

- During January 2019, the indirect affiliate Orizon S.A. approved a capital increase of ThUS\$50,000, of which ThUS\$41,750 was contributed by Pesquera Iquique-Guanaye S.A.

- On January 29, 2019, Orizon S.A. signed a capital increase and supply agreement with St. Andrews Smoky Delicacies S.A. and Empresa Pesquera Apiao S.A. in order to consolidate its mitylid production and processing, and market it abroad. This transaction was completed by the indirect affiliate Orizon S.A. contributing the assets used in this business (fixed assets such as the freezing plant machinery and equipment, inventories, biomass, concessions and associated land and production inputs) to both companies for ThUS\$14,299, as payment of a capital increase agreed on the same date by both receiving companies, equivalent to 20% of their respective capital.

- On July 19, 2019, the Financial Market Commission approved the request to cancel the registration of Pesquera Iquique-Guanaye S.A. in the Securities Registry, which was agreed at the Extraordinary Shareholders' Meeting held on April 24, 2018. In accordance with Article 69 of Law 18,046 on Corporations, some Igemar shareholders exercised the right of withdrawal of 14,621,618 shares totaling ThUS\$761. This resulted in a capital decrease from ThUS\$347,457 to ThUS\$346,696.

- During September 2019, a document called "Confirmation of Put Option Exercise" was signed with the CJ Cheil Jedang Corporation group, containing the terms of a transaction to sell 10% of the shares in Selecta held by the indirect associate Corpesca do Brasil. On October 11, 2019, the share transfer and corresponding payment of ThUS\$40,448 were completed.

D) Other Investments

- On May 11, 2018, the shareholders of the associate Sociedad Nacional Marítima S.A. agreed to increase the company's capital to cover a cashflow shortfall, which increased the Group's interest to 39.3319% through a capital contribution of ThUS\$12,865.

- During May 2018 Empresas Copec S.A. acquired a 40% interest in the Peruvian company Cumbres Andinas S.A.C., which wholly owns Marcobre S.A.C., through the affiliate Alxar Internacional SpA for ThUS\$182,447.

Marcobre is implementing the "Mina Justa" mining project in the Ica Department in southern Peru. It began construction during the second half of 2018 and it was close to 75% complete by December 2019. Mina Justa is expected to begin commercial operations during the first half of 2021, subject to obtaining the required environmental permits and approvals. It is forecast to produce over 100,000 tons of fine copper concentrates and cathodes per year on average. The mine has a total resource base of over 400 million tons and is expected to operate for 18 years, without considering the potential growth associated with exploring other mining concessions within the project.

- On April 5, 2019, the Group sold its interest in Puertos y Logística S.A. to the DP World Group for ThUS\$117,268. This transaction generated net income after tax of ThUS\$22,089.

5. Interests in joint arrangements

- On April 1, 2019, Arauco entered into a shareholders' agreement regarding Agrícola San Gerardo SpA through its affiliate Forestal Arauco S.A. Agrícola San Gerardo SpA was formed for the special purpose of developing an agricultural project in Molina. The capital committed by Forestal Arauco S.A. was ThCh\$1,570,000 (equivalent to ThUS\$2,097 as of December 31, 2019). Arauco had contributed the equivalent of ThUS\$796 by the end of 2019.

- Arauco has a 50% interest in Sonae Arauco, which manufactures and markets wooden MDF, PB and OSB panels and cut timber, at two panel plants and a sawmill in Spain; two panel plants and one resin plant in Portugal; four panel plants in Germany and two panel plants in South Africa.

- The investments in Uruguay are considered a joint operation. As stated in the "*Pulp Supply Agreement*", both Arauco and its partner Stora Enso are obliged to acquire all the total annual production of pulp produced by the joint operation. Arauco has recognized assets, liabilities, income and expenses in connection with its ownership interest from January 1, 2013 in accordance with IFRS 11.

- Arauco has a 50% interest in a Brazilian company Unilin Arauco Pisos Laminados Ltda., and in Eka Chile SA, which sells sodium chlorate to pulp mills in Chile. Arauco has a contractual agreement with it that involves a financial undertaking under joint control, classified as a joint venture.

- The Group also has an interest in Air BP Copec S.A. This company is the result of a joint venture established in 2001 between Copec and BP Global Investments Ltd., in which each partner holds a 50% interest. The company sells fuel for commercial and civil aviation. Currently, Air BP Copec operates in eight airports throughout the country and holds the leading market share in Chile, supplying the fuel needs of Latam and international airlines arriving in Santiago, such as American Airlines, Aerolíneas Argentinas, Delta, Avianca and other airlines. The company also serves important consumers in the cargo air industry such as Polar Cargo and Cielos Airlines and numerous civil aviation customers.

- The Company has a 50% ownership interest in Inversiones Laguna Blanca S.A. through its affiliate Camino Nevado Limitada. The former is the result of a strategic alliance started in 2007 between Empresas Copec S.A. and Inversiones Ultraterra in equal parts. The company was incorporated in order to develop the Mina Invierno project, to explore and produce coal from Riesco Island, located north of Punta Arenas in the Magellan Region. Therefore, in 2007 the company was awarded CORFO tenders for coal exploration with purchase options on two coal areas located in that island, where the biggest proven sub-bituminous coal reserves in Chile are located.

During 2019, the restrictions imposed on blasting by the Third Environmental Court of Valdivia, as a complementary method to remove overburden, severely affected the operations and finances of Inversiones Laguna Blanca S.A. The situation initially appeared at the end of 2018, through several precautionary measures issued by this court that limited blasting. The situation was aggravated in August 2019 when this court annulled the Environmental Qualification Resolution that authorized blasting.

As a result of these decisions by the authority, production schedules were not met. Overburden extraction finally ceased in June 2019, while coal extraction in Phase 10 continued for the rest of the year, as it had already been cleared, plus other complementary tasks. As a consequence ceasing to extract overburden, manpower and third party services had to be drastically reduced, and mining was restricted to the operational activities described above. These are being progressively wound down as the remaining cleared coal is mined and the last coal shipments associated with supply contracts are completed, which are estimated to be cease by the end of March 2020.

Specifically, there was a 77.5% reduction in overburden extraction, a 48.1% reduction in coal extraction, and a 53.2% reduction in coal shipments, compared to forecasts for 2019. This has resulted in higher unit costs and lower revenues for the company.

As it is technically and operationally impossible to extract overburden to develop new coal phases, the company has had to temporarily shutdown, in compliance with the requirements of Law 20,551, which regulates the Closure of Mining Sites and Facilities and its respective regulations. This has resulted in preparing temporary shutdown plans for both the mine and the port complex. Both plans have already been submitted to the National

Geology and Mining Service (Sernageomin) and the shutdown plan for the mine has already been approved by that Service.

The company is trying to reverse the unfavorable ruling of the Third Environmental Court of Valdivia by appealing to the Supreme Court. The workers and the Executive Directorate of the Environmental Assessment Service have also filed appeals. The company is convinced that the Environmental Impact Statement for blasting has sufficient information to rule out any significant impact, in particular, any effect on the paleo-botanical legacy, as the Environmental Assessment Service pointed out when it approved the aforementioned project through Resolution 1,113/2018 issued by its Executive Directorate.

The company retained the lawyers Ortuzar, Vergara & Boetsch to represent it before the Supreme Court, who believe that there are sufficient reasons for the Supreme Court to revoke the resolution of the Third Environmental Court of Valdivia, due to the current status of the case, their experience, and their original ruling not being unanimous.

At the end of 2019, Inversiones Laguna Blanca S.A. reviewed the impairment indicators with respect to its non-current assets and assessed their recoverable values as of December 31, 2019. As a result of this evaluation, an impairment loss was calculated on property, plant and equipment, intangible assets and tax credits as of December 31, 2019. The recoverable value of coal inventories as work in progress and spare parts and components inventories was evaluated and write-offs were recognized for both inventories, considering their recoverability over the short-term. The impairment losses recognized by Inversiones Laguna Blanca S.A. (Mina Invierno project) in 2019 amounted to US\$245 million. The proportional result of US\$122 million is reflected in the statement of net income for Empresas Copec S.A. as associated company losses via the direct affiliate Minera Camino Nevado Ltda. which has a 50% interest in Inversiones Laguna Blanca S.A.

The assets associated with this investment by Empresas Copec S.A. as of December 31, 2019 amount to US\$52 million.

There are no contingent liabilities relating to the Group's interest in joint ventures.

6. The most significant joint arrangements are outlined below:

December 31, 2019									
		Assets		Liabilities		Net Equity	Revenue	Expenses	Gain (Loss)
		Current	Non-Current	Current	Non-Current				
Joint venture	Eka Chile S.A.	21,449	33,442	4,930	4,917	45,044	43,458	(40,104)	3,354
	Inversiones Laguna Blanca S.A.	26,037	144,567	13,775	52,545	104,284	54,388	(366,271)	(311,883)
	Air BP Copec S.A.	50,520	5,075	42,541	611	12,443	421,603	(420,416)	1,187
	Sonae Arauco S.A.	216,342	695,902	215,632	358,851	337,761	885,812	(887,230)	(1,418)
	Agrícola San Gerardo SpA.	0	2,162	2,162	0	0	0	0	0
	Unillín Arauco Pisos Ltda	6,674	4,024	3,761	55	6,882	13,591	(13,549)	42
Joint operation	Forestal Conor Sur S.A.	37,625	172,913	2,180	9,046	199,312	14,041	(5,074)	8,967
	Eurofores S.A.	148,550	808,647	209,665	117,443	630,089	245,209	(246,332)	(1,123)
	Celulosa Energía Punta Pereira S.A.	346,498	2,158,586	206,683	444,181	1,854,220	859,874	(628,553)	231,321
	Zona Franca Punta Pereira S.A.	5,823	464,151	115,627	19,740	334,607	18,206	(27,081)	(8,875)

December 31, 2018									
		Assets		Liabilities		Net Equity	Revenue	Expenses	Gain (Loss)
		Current	Non-Current	Current	Non-Current				
Joint venture	Eka Chile S.A.	19,840	32,363	4,443	5,078	42,682	47,798	(44,490)	3,308
	Inversiones Laguna Blanca S.A.	108,706	342,095	18,398	15,929	416,474	131,003	(124,636)	6,367
	Air BP Copec S.A.	38,928	5,743	31,768	689	12,214	405,834	(404,515)	1,319
	Sonae Arauco S.A.	272,030	655,856	221,393	351,397	355,096	1,057,535	(1,032,435)	25,100
	Unillin Arauco Pisos Ltda	6,165	4,574	3,591	37	7,111	16,894	(16,881)	13
Joint operation	Forestal Conor Sur S.A.	23,528	170,443	1,668	1,957	190,346	25,642	(19,748)	5,894
	Eurofores S.A.	160,708	638,832	159,988	8,282	631,270	284,039	(261,683)	22,356
	Celulosa Energía Punta Pereira S.A.	220,699	2,044,534	204,455	441,010	1,619,768	904,853	(611,444)	293,409
	Zona Franca Punta Pereira S.A.	5,482	472,539	106,676	27,863	343,482	17,880	(23,975)	(6,095)

7. Dividends received from associates

As of December 31, 2019, the parent company Empresas Copec S.A. received ThUS\$931 from Puertos y Logística S.A., ThUS\$39,604 from Metrogas and ThUS\$12,011 from Aprovisionadora Global de Energía (as of December 31, 2018 it received ThUS\$28,222 from Metrogas S.A. and ThUS\$29,621 from Aprovisionadora Global de Energía).

Celulosa Arauco y Constitución S.A. received ThUS\$13,007 in dividends from its associates during 2019 (during 2018 it received ThUS\$ 10,880).

Compañía de Petróleos de Chile Copec S.A. and affiliates received ThUS\$3,094 in dividends from its associates during 2019 (ThUS\$2,475 during 2018).

Abastible S.A. received ThUS\$4,233 from its associates as of December 31, 2019 (ThUS\$7,926 as of December 31, 2018).

Pesquera Iquique-Guanaye S.A. received ThUS\$601 from its associates during 2019 (during 2018 it did not receive any dividends from its associates).

NOTE 22. NATIONAL AND FOREIGN CURRENCY

Foreign Currency Assets	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Liquid assets	2,339,805	1,933,646
US dollar	1,775,886	1,257,653
Euros	2,301	8,335
Other currencies	204,563	186,074
Non-indexed Chilean peso	357,048	481,576
UF	7	8
Cash and cash equivalents	2,214,887	1,713,803
US dollars	1,674,913	1,067,995
Euros	2,301	8,335
Other currencies	204,346	185,276
Non-indexed Chilean peso	333,320	452,189
UF	7	8
Other financial assets, current	124,918	219,843
US dollars	100,973	189,658
Euros	0	0
Other currencies	217	798
Non-indexed Chilean peso	23,728	29,387
UF	0	0
Receivables, current and non-current	1,767,909	2,029,038
US dollars	431,461	777,152
Euros	8,483	7,399
Other currencies	339,555	382,688
Non-indexed Chilean peso	942,834	848,847
UF	45,576	12,952
Trade and other receivables, current	1,675,937	1,970,882
US dollars	588,374	763,415
Euros	8,483	7,399
Other currencies	339,094	382,486
Non-indexed Chilean peso	699,302	810,227
UF	40,684	7,355
Related party receivables, current	84,516	50,289
US dollars	(164,369)	13,737
Euros	0	0
Other currencies	461	202
Non-indexed Chilean peso	243,532	31,234
UF	4,892	5,116
Non-current receivables from related parties	7,456	7,867
US dollars	7,456	0
Euros	0	0
Other currencies	0	0
Non-indexed Chilean peso	0	7,386
UF	0	481
Other assets	21,060,196	19,524,591
US dollars	14,331,074	13,501,743
Euros	172,945	177,935
Other currencies	3,418,225	3,051,810
Non-indexed Chilean peso	3,133,444	2,789,196
UF	4,508	3,907
Total assets	25,167,910	23,487,275
US dollars	16,538,421	15,536,548
Euros	183,729	193,669
Other currencies	3,962,343	3,620,572
Non-indexed Chilean peso	4,433,326	4,119,619
UF	50,091	16,867

Foreign Currency Liabilities	12.31.2019		12.31.2018	
	ThUS\$		ThUS\$	
	Under 90 days	91 days to 1 year	Under 90 days	91 days to 1 year
Current liabilities				
Other financial liabilities, current	250,430	674,521	453,436	690,587
US dollars	138,426	254,492	326,396	443,064
Euros	24	69	0	0
Other currencies	86,414	26,875	115,529	70,545
Non-indexed Chilean peso	8,792	109,372	2,407	98,302
UF	16,774	283,713	9,104	78,676
Bank loans	183,406	245,550	414,159	379,045
US dollars	106,246	145,041	298,902	226,338
Euros	0	41	0	0
Other currencies	76,925	18,003	115,059	69,075
Non-indexed Chilean peso	235	82,465	198	83,632
UF	0	0	0	0
Finance leases	44,762	84,466	10,233	28,718
US dollars	11,993	10,804	582	1,341
Euros	24	28	0	0
Other currencies	9,489	8,872	470	1,470
Non-indexed Chilean peso	8,557	25,659	2,209	4,447
UF	14,699	39,103	6,972	21,460
Bank overdraft	0	0	0	0
US dollars	0	0	0	0
Euros	0	0	0	0
Other currencies	0	0	0	0
Non-indexed Chilean peso	0	0	0	0
UF	0	0	0	0
Other loans	22,262	344,505	29,044	282,824
US dollars	20,187	98,647	26,912	215,385
Euros	0	0	0	0
Other currencies	0	0	0	0
Non-indexed Chilean peso	0	1,248	0	10,223
UF	2,075	244,610	2,132	57,216
Other current liabilities	1,545,210	623,981	1,583,014	683,270
US dollars	610,647	324,269	665,507	473,481
Euros	20,473	0	7,506	0
Other currencies	444,870	5,825	394,352	41,278
Non-indexed Chilean peso	437,353	239,009	483,429	167,080
UF	31,867	54,878	32,220	1,431
Total Current Liabilities	1,795,640	1,298,502	2,036,450	1,373,857
US dollars	749,073	578,761	991,903	916,545
Euros	20,497	69	7,506	0
Other currencies	531,284	32,700	509,881	111,823
Non-indexed Chilean peso	446,145	348,381	485,836	265,382
UF	48,641	338,591	41,324	80,107

	12.31.2019		12.31.2018	
	ThUS\$		ThUS\$	
	1 to 5 years	Over 5 years	1 to 5 years	Over 5 years
Non-current liabilities				
Other financial liabilities, non-current	3,269,828	5,077,923	1,962,971	4,358,073
US dollars	2,481,574	2,971,710	1,164,648	2,218,392
Euros	65,190	73,327	0	0
Other currencies	356,746	378,147	253,437	437,162
Non-indexed Chilean peso	108,359	89,220	100,429	95,870
UF	257,959	1,565,519	444,457	1,606,649
Bank loans	1,309,370	518,242	948,413	648,376
US dollars	972,715	82,254	630,650	214,772
Euros	51,884	64,334	0	0
Other currencies	251,990	371,654	247,175	433,604
Non-indexed Chilean peso	32,781	0	70,588	0
UF	0	0	0	0
Finance leases	470,244	188,460	57,167	59,985
US dollars	177,582	44,974	244	0
Euros	13,306	8,993	0	0
Other currencies	104,756	6,493	6,262	3,558
Non-indexed Chilean peso	74,087	116	11,448	0
UF	100,513	127,884	39,213	56,427
Bank overdraft	0	0	0	0
US dollars	0	0	0	0
Euros	0	0	0	0
Other currencies	0	0	0	0
Non-indexed Chilean peso	0	0	0	0
UF	0	0	0	0
Other loans	1,490,214	4,371,221	957,391	3,649,712
US dollars	1,331,277	2,844,482	533,754	2,003,620
Euros	0	0	0	0
Other currencies	0	0	0	0
Non-indexed Chilean peso	1,491	89,104	18,393	95,870
UF	157,446	1,437,635	405,244	1,550,222
Other non-current liabilities	1,201,559	1,350,420	1,293,019	1,269,005
US dollars	417,714	635,760	352,017	612,831
Euros	0	0	0	0
Other currencies	457,155	35,354	493,904	0
Non-indexed Chilean peso	326,690	78,590	445,906	121,236
UF	0	600,716	1,192	534,938
Total non-current liabilities	4,471,387	6,428,343	3,255,990	5,627,078
US dollars	2,899,288	3,607,470	1,516,665	2,831,223
Euros	65,190	73,327	0	0
Other currencies	813,901	413,501	747,341	437,162
Non-indexed Chilean peso	435,049	167,810	546,335	217,106
UF	257,959	2,166,235	445,649	2,141,587

NOTE 23. EQUITY**1) Share capital**

The Company's subscribed and paid capital as of December 31, 2019 was ThUS\$686,114 (ThUS\$686,114 as of December 31, 2018). Such capital is composed of 1,299,853,848 ordinary shares, all of the same value.

There were no capital increases as of December 31, 2019 and 2018.

2) Reserves

Other reserves as of December 31, 2019 and 2018 were as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Legal reserves	3	3
Financial assets available for sale reserve	218	(309)
Foreign currency translation reserves	(1,759,090)	(1,644,811)
Defined benefit plan reserves	(34,666)	(27,068)
Hedge reserves	12,715	34,917
Other miscellaneous reserves	478,587	457,481
Total Reserves	(1,302,233)	(1,179,787)

Movements in reserves for the periods indicated are the following:

	Legal reserves	Financial assets available for sale reserve	Foreign currency translation reserves	Defined benefit plan reserves	Hedge reserves	Other miscellaneous reserves	Total Reserves
Opening balance 01.01.2019	3	(309)	(1,644,811)	(27,068)	34,917	457,481	(1,179,787)
Effect on comprehensive income	0	527	(114,279)	(7,598)	(22,202)	17,638	(125,914)
No effect on comprehensive income	0	0	0	0	0	3,468	3,468
Closing balance 12.31.2019	3	218	(1,759,090)	(34,666)	12,715	478,587	(1,302,233)

	Legal reserves	Financial assets available for sale reserve	Foreign currency translation reserves	Defined benefit plan reserves	Hedge reserves	Other miscellaneous reserves	Total Reserves
Opening balance 01.01.2018	3	(4)	(1,318,279)	(28,047)	16,695	443,418	(886,214)
Increase (decrease) due to changes in accounting policy	0	0	0	0	(1,918)	0	(1,918)
Effect on comprehensive income	0	(305)	(326,532)	979	20,140	14,063	(291,655)
No effect on comprehensive income	0	0	0	0	0	0	0
Closing balance 12.31.2018	3	(309)	(1,644,811)	(27,068)	34,917	457,481	(1,179,787)

3) Other comprehensive income

The Parent Company includes movements under this concept for conversion adjustments from the recognition of foreign investments, adjustments to financial instruments, its other adjustments, and those of its affiliates. The amounts are shown in the consolidated statement of changes in equity.

4) Retained earnings (accumulated losses)

Movements in retained earnings during the years ended December 31, 2019 and 2018 were as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Opening balance	11,202,802	10,598,425
Increase (decrease) due to changes in accounting policy	(107)	173
Net income for the year	172,019	1,070,698
Dividends paid	0	0
Interim dividends	(73,643)	(462,374)
Actuarial (loss) gain	0	0
Others	(17,593)	(4,120)
Closing balance	11,283,478	11,202,802

5) Non-controlling interests

Non-controlling interests as of December 31, 2019 and 2018 were as follows:

Chilean ID Number	Company	Non- controlling interest	Non-controlling interests		Non-controlling interests	
			Equity 12.31.2019 ThUS\$	Net Income 12.31.2019 ThUS\$	Equity 12.31.2018 ThUS\$	Net Income 12.31.2018 ThUS\$
	- Organización Terpel S.A.	41.49%	289,488	28,680	272,382	27,744
	- Nortesantandereana de Gas S.A.E.S.P	49.00%	61,599	9,708	56,518	8,959
96,929,960-7	Orizon S.A.	33.20%	38,372	(662)	31,000	(5,556)
91,123,000-3	Pesquera Iquique - Guanaye S.A.	18.07%	32,442	(1,580)	34,663	(2,363)
	- Arauco Forestal Arapoti S.A.	20.00%	20,476	(227)	22,834	574
78,049,140-K	Forestal Los Lagos S.A.	20.00%	7,623	72	7,551	375
93,838,000-7	Forestal Cholguan S.A.	1.48%	5,122	348	4,996	352
91,806,000-6	Abastible S.A.	0.80%	3,566	536	3,452	509
93,458,000-1	Celulosa Arauco y Constitución S.A.	0.02%	1,610	14	1,603	159
76,172,285-9	FluxSolar SpA	20.00%	259	27	0	0
96,668,110-1	Compañía Latinoamericana Petrolera S.A.	40.00%	218	3	232	7
93,838,000-7	Solgas S.A.	0.14%	194	(8)	291	(26)
96,657,900-5	Consorcio Protección Fitosanitaria Forestal S.A.	42.86%	183	(12)	210	3
76,268,260-5	Muelle Pesquero María Isabel Ltda.	32.00%	174	(5)	179	(17)
	- Arauco Argentina S.A.	0.02%	112	(1)	113	(10)
	- Lutexsa Industrial Comercial Cía. Ltda.	0.01%	18	0	13	0
81,095,400-0	Sociedad Nacional de Oleoductos S.A.	47.20%	45,223	16,944	48,734	17,352
Total			506,679	53,837	484,771	48,062

6) Earnings per share

The Board of Directors of Empresas Copec S.A. agreed to establish as a general policy that the net income eligible for distribution as dividends shall be based on earned income, subtracting any significant variations in the value of unrealized assets and liabilities, which shall be included when those assets and liabilities are recovered or settled.

Therefore, the Company's net distributable income to calculate mandatory minimum and additional dividends excludes the following unrealized income for the period:

a) Income related to the recording at fair value of forestry assets regulated by IAS 41; such income is reintegrated into net income when these assets are recovered. For this purpose, the portion of such increases in fair value are recovered when such assets are sold or disposed of by some other means.

b) Income from the acquisition of entities. These results will be reintegrated into net income upon recovery. For this purpose, this is when income is generated by the entities following their acquisition, or when these entities are sold.

The effects of deferred taxes associated with the items mentioned in points a) and b) will follow the same accounting procedure as the originating item.

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Income attributable to owners	172,019	1,070,698
Adjustments:		
Biological assets		
Unrealized	(153,463)	(83,225)
Realized	197,847	208,316
Deferred taxes	(10,628)	(30,475)
Biological assets (net)	33,756	94,616
Gain on incorporating joint venture	0	0
Net gain on advantageous purchase	(21,669)	(9,379)
Total adjustments	12,087	85,237
Net Distributable Income	184,106	1,155,935

The general dividend policy for future periods consists of distributing 40% of net distributable income for each period, including a potential interim dividend at the end of the year.

As of December 31, 2019, the minimum dividend provision for 2019 was ThUS\$ 73,643 (ThUS\$ 206,906 as of December 31, 2018) and was presented in the Consolidated Statement of Classified Financial Position under "Other non-financial liabilities, current".

At Ordinary Shareholders Shareholders' Meeting 84 held on April 24, 2019, a final dividend of US\$ 0.2053353 per share was agreed, which was paid on May 9, 2019.

On November 28, 2019, the Company's Board of Directors agreed not to distribute an interim dividend out of net distributable income for 2019.

On November 16, 2018 the Board agreed to distribute an interim dividend of US\$ 0.150377 per share, to be paid on December 13, 2018, from net distributable income for 2018.

At Annual General Shareholders Meeting 83 held on April 25, 2018, a final dividend of US\$ 0.147374 per share was agreed, which was paid on May 10, 2018.

Earnings per share are calculated by dividing income attributable to the Company's shareholders by the weighted average number of common shares in circulation. The Company does not have diluted shares.

Earnings (losses) per share	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Earnings (loss) attributable to owners of the parent company	172,019	1,070,698
Weighted average number of shares	1,299,853,848	1,299,853,848
Earnings (loss) per share (US\$ per share)	0.132337	0.823706

Rights, Privileges and Restrictions on Ordinary Share Capital:

As at December 31, 2019 and 2018, there were no rights, privileges nor restrictions.

NOTE 24. OPERATING REVENUE

Operating revenue is as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Goods sold	23,176,977	23,503,250
Services provided	539,428	466,819
Total	23,716,405	23,970,069

NOTE 25. EXPENDITURE AND INCOME BY FUNCTION:

Expenditure and income by function for Empresas Copec S.A. as of December 31, 2019 and 2018 is detailed as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Cost of sales	(20,452,761)	(19,804,796)
Distribution costs	(1,353,340)	(1,344,531)
Administrative expenses	(1,062,120)	(1,066,232)
Other expenses, by function	(297,898)	(147,845)
Other income, by function	302,355	188,258

Cost of sales are as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Direct production costs	18,374,686	18,022,983
Depreciation	653,821	522,933
Remuneration costs	410,649	369,274
Maintenance costs	294,853	280,715
Other production costs	669,094	553,360
Amortization	49,658	55,531
Total cost of sales	20,452,761	19,804,796

Distribution costs are as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Transportation costs	685,963	654,907
Remuneration	111,068	127,208
Insurance and basic service costs	45,284	54,593
Marketing and promotion costs	197,453	210,910
Consultancy and professional service costs	32,184	56,024
Maintenance and repair costs	68,273	73,078
Other distribution costs	107,078	87,265
Lease costs	35,990	33,449
Depreciation	47,776	20,574
Unrecoverable taxes	18,190	15,214
Amortization	4,081	11,309
Total Distribution Costs	1,353,340	1,344,531

Sales and administration expenses are as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Remuneration	459,497	484,041
Marketing and promotional expenses	29,657	22,886
Maintenance expenses	39,417	48,218
Insurance and basic service expenses	66,184	55,128
Consultancy and professional service expenses	108,314	96,554
Depreciation	48,499	38,971
Amortization	42,800	37,863
Subscriptions, property and municipal taxes	18,624	20,497
Computational services	48,017	40,361
Unrecoverable taxes	9,505	4,363
Donations	10,995	15,052
Lease expenses	8,813	17,469
Other administrative expenses	171,798	184,829
Total Administration and Sales Expenses	1,062,120	1,066,232

Other expenses by function are as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Asset impairment	121,083	4,427
Unrecoverable taxes	34,050	35,658
Plant closure expenses	35,139	19,838
Other expenses, by function	14,126	17,436
Consultancy and professional service expenses	9,316	21,217
Depreciation	0	6,341
Derecognition and write-off of property, plant and equipment	53,468	36,073
Compensation	13,407	0
Accident expenses	3,066	768
Fines and sanctions	4,306	1,373
Donations	2,396	2,130
Forestry incidents	7,541	2,584
Total Other Expenses by Function	297,898	147,845

Other income by function is as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Dividends on investments in other companies	1,284	2,116
Tax indexation, prepaid tax, tax credits	1,394	900
Reimbursement of costs and expenses	8,174	11,200
Fair value of biological assets	154,705	84,476
Income from export promotion	1,185	3,570
Easements	296	260
Sale of fishing rights	0	604
Gain on sales of property, plant and equipment	45,151	34,382
Income from compensation claims	2,366	2,103
Real estate leases	3,835	3,253
Sale of fishing rights	55,727	1,686
Gain on business combination	8,002	22,737
Others	20,236	20,971
Total income, by function	302,355	188,258

Finally, depreciation and amortization are as follows:

Description	For the year ended 12.31.2019 ThUS\$	For the year ended 12.31.2018 ThUS\$
Depreciation	750,096	588,819
Amortization	96,539	104,703
Total	846,635	693,522

NOTE 26. FINANCIAL INCOME AND COSTS

Financial costs are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Interest and inflation adjustments on bank loans	(116,589)	(129,247)
Employee obligations	(1,989)	(2,265)
Other financial costs	(26,093)	(30,357)
Bond interest and issue expenses	(241,747)	(188,626)
Financial expenses on right-of-use assets	(29,396)	(19,784)
Interest on leasing liabilities	(21,690)	0
Financial cost of remediation provision	(396)	(326)
Foreign currency translation differences	0	(14)
Total financial costs	(437,900)	(370,619)

Financial income is as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Interest income on financial instruments	21,853	9,443
Interest on loans and receivables	28,205	28,084
Other income	10,542	9,806
Total financial income	60,600	47,333

NOTE 27. EXCHANGE DIFFERENCES

The effect of exchange differences is as follows:

	12.31.2019	12.31.2018
	ThUS\$	ThUS\$
Exchange differences generated by assets		
Cash equivalents	(9,312)	(5,341)
Mutual Fund investments, term deposits and covenants	(13,729)	(25,532)
Trade and other receivables	(13,643)	(6,970)
Tax receivables	(16,460)	(24,057)
Related company receivables	(902)	7,922
Other financial assets	6,413	(2,629)
Other assets	(10,943)	(38,869)
Total	(58,576)	(95,476)
Exchange differences generated by liabilities		
Trade and other payables	14,818	52,739
Related party payables	(3,300)	(381)
Loans from financial institutions (includes bonds)	(1,428)	(3,615)
Dividends payable	883	6,620
Other financial liabilities	(305)	1,180
Other liabilities	8,627	6,465
Total	19,295	63,008
Total	(39,281)	(32,468)

NOTE 28. ASSET IMPAIRMENT**Asset impairment details for the affiliate Celulosa Arauco y Constitución S.A.**

Impairment provisions at two timber plants in the USA totaled ThUS\$43,181 as of December 31, 2019, comprised of ThUS\$38,913 on property, plant and equipment and ThUS\$4,268 on spare part inventories, as a result of market conditions and impairment tests carried out on the CGUs.

A CGU impairment provision has been recorded for the assets of Line 1 of the Arauco Plant Modernization and Expansion project ("MAPA"). As of December 31, 2019 this loss totaled ThUS\$ 33,570.

Both of these impairment losses are presented in the consolidated statement of net income under "Other Expenditure by Function".

As of December 31, 2019 and 2018 there are impairment provisions for property, plant and equipment as a result of obsolescence at the affiliate Arauco.

Disclosure of asset impairment

Principal asset classes affected by impairment losses and reversals Principal facts and circumstances that led to impairment losses and reversals	Machinery and equipment Technical obsolescence and claims	
	12.31.2019 ThUS\$	12.31.2018 ThUS\$
Impairment information	13,774	11,395

Impairment provisions for the affiliate Inversiones Alxar S.A.

The detail of impaired intangible assets recognized by the indirect affiliate Inversiones Alxar S.A. during 2019 is shown in Note 11.

NOTE 29. THE ENVIRONMENT

Sustainability at Empresas Copec S.A. and its affiliates requires a management strategy that incorporates values, commitments and standards, together with the adoption of the best practices and technologies available in the industry, to secure constant improvements in the company's environmental management. The Environment department has specialists in each business area, and ensures that these guidelines are put into practice every day.

All the production units at the affiliate Arauco have certified environmental management systems that reinforce the Company's commitment to environmental performance and ensure the traceability of raw materials.

The affiliate Arauco uses various inputs, such as timber, chemicals, water, etc., in its production processes, which in turn generate liquid and gaseous emissions. Significant advances have been made in reducing consumption and emissions, in order to improve the company's operating efficiency.

Environmental investments relating to atmospheric emission control, processes improvements, water management, waste management and sewage treatments have been undertaken, in order to improve environmental performance within business units of the affiliate Arauco.

These investments are reflected in Arauco's consolidated financial statements in property, plant and equipment when they relate to disbursements for major works and are reflected in the expenditure when they relate to improvements or disbursements not directly connected with investment projects.

The affiliate Abastible S.A. has continued to make investments this year that mitigate the impact on the environment, with regard to the Maritime Terminal located in the Biobio Region. These investments are referred to within the environmental appraisal report on the project.

The indirect affiliate Orizon S.A. invested in its production facilities, which were aimed at recovering solids, avoiding unscheduled stoppages in productive processes, reducing thermal energy leakage, increasing the overall system efficiency, and ensuring compliance with environmental regulations. Similarly, improvements to the unloading and storage of raw materials systems increased the storage capacity in temperature controlled conditions so avoiding raw material deterioration, improved raw material unloading time, and ensured that rails complied with environmental commitments.

On April 3, 2018, Sernageomin approved the closure plan presented by Compañía Minera Paso San Francisco S.A. for the Plant and Filtered Gravel Deposit mining operation by issuing Resolution 0946, whose guarantee was duly extended until April 3, 2020.

On July 25, 2016, Sernageomin approved the closure plan submitted by the indirect affiliate Compañía Minera Can-Can S.A. for the El Bronce mine, by issuing Resolution 1530, whose guarantee was duly extended until July 25, 2020.

Expenditures incurred and committed during the period relating to environmental protection are detailed as follows.

Forestry Sector

Company	12.31.2019	Disbursements in 2019				Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$	Estimated Date
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	21,927	Expense	Administrative expenses	0	
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	267	Asset	Property, plant and equipment	792	2020
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	3,535	Asset	Property, plant and equipment	6,595	2020
Celulosa Arauco y Constitución S.A.	Managing the implementation of environmental improvements	In progress	15,570	Expense	Operational costs	0	
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	375	Expense	Operational costs	0	
Celulosa Arauco y Constitución S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	348	Asset	Property, plant and equipment	0	
Celulosa Arauco y Constitución S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	7,745	Expense	Operational costs	0	
Arauco Argentina S.A.	Construction of outlets	In progress	40	Asset	Property, plant and equipment	697	2020
Arauco Argentina S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	1,174	Asset	Property, plant and equipment	1,816	2020
Arauco Argentina S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	987	Asset	Property, plant and equipment	343	2020
Maderas Arauco S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	208	Expense	Operational costs	0	
Maderas Arauco S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	647	Expense	Operational costs	0	
Maderas Arauco S.A.	Managing the implementation of environmental improvements	In progress	305	Asset	Property, plant and equipment	0	
Celulosa y Energía Punta Pereira S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	684	Asset	Property, plant and equipment	2,567	2020
Celulosa y Energía Punta Pereira S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	400	Asset	Property, plant and equipment	100	2020
Celulosa y Energía Punta Pereira S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	Finished	448	Asset	Property, plant and equipment	0	
Forestal Arauco S.A. (formerly Forestal Celco S.A.)	Managing the implementation of environmental improvements	In progress	626	Expense	Administrative expenses	401	2020
Forestal Los Lagos S.A.	Managing the implementation of environmental improvements	In progress	210	Expense	Operational costs	63	2020
Arauco North America, Inc.	Managing the implementation of environmental improvements	In progress	945	Asset	Property, plant and equipment	530	2020
Total			56,441			13,904	

Company	12.31.2018	Disbursements in 2018				Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$	Estimated Date
Arauco do Brasil S.A.	Managing the implementation of environmental improvements	In progress	1,771	Asset	Property, plant and equipment	4,001	2019
Arauco do Brasil S.A.	Managing the implementation of environmental improvements	In progress	3,284	Expense	Administrative expenses	2,723	2019
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	6,467	Asset	Property, plant and equipment	8,271	2019
Celulosa Arauco y Constitución S.A.	Managing the implementation of environmental improvements	In progress	29,419	Asset	Property, plant and equipment	63,035	2019
Celulosa Arauco y Constitución S.A.	Investment projects for the control and management of gases produced in industrial processes	In progress	563	Expense	Operational costs	0	
Celulosa Arauco y Constitución S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	21,978	Asset	Property, plant and equipment	9,233	2019
Celulosa Arauco y Constitución S.A.	Managing the implementation of environmental improvements	In progress	25,684	Asset	Property, plant and equipment	0	
Arauco Argentina S.A.	Construction of outlets	In progress	1,454	Asset	Property, plant and equipment	797	2019
Maderas Arauco S.A.	Expansion of solid industrial waste landfill sites to manage future demand	In progress	499	Expense	Operational costs	0	
Maderas Arauco S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	1,471	Expense	Operational costs	0	
Maderas Arauco S.A.	Managing the implementation of environmental improvements	In progress	0	Asset	Property, plant and equipment	291	2019
Celulosa y Energía Punta Pereira S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	In progress	52	Asset	Property, plant and equipment	3,266	2019
Celulosa y Energía Punta Pereira S.A.	Investment projects to control hazardous liquids and optimize the energy required for water in industrial plants	Finished	281	Asset	Property, plant and equipment	0	
Forestal Arauco S.A. (formerly Forestal Celco S.A.)	Managing the implementation of environmental improvements	In progress	1,547	Expense	Administrative expenses	1,957	2019
Forestal Los Lagos S.A.	Managing the implementation of environmental improvements	In progress	236	Expense	Operational costs	273	2019
Total			94,706			93,847	

Fuel Sector

Company	12.31.2019	Disbursements in 2019			Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$ Estimated Date
Compañía de Petróleos de Chile Copec S.A.	Sprinklers	Current	1	Asset	Work in Progress	0
Compañía de Petróleos de Chile Copec S.A.	Waste disposal	Current	94	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Wastewater treatment and environmental assessment	Current	11	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Plant repairs	In progress	2	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Environmental evaluation	Current	43	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Treatment plants for effluents and sewage	Current	4	Asset	Work in Progress	0
Compañía de Petróleos de Chile Copec S.A.	Foam supplies	Current	132	Asset	Work in Progress	16 2020
Via Limpia SpA.	Removal of oils, filters, batteries and industrial waste	Current	10	Expense	Operating costs	0
Mapco Express, Inc.	Contamination from leaking tanks	In progress	68	Expense	Administrative expenses	0
Abastible S.A.	Managing the implementation of environmental improvements	In progress	149	Expense	Expense	149 2020
Abastible S.A.	Environmental management	In progress	79	Expense	Expense	79 2020
Sonacol S.A.	Cathodic protection system improvements	In progress	1,061	Asset	Work in Progress	0
Sonacol S.A.	Improving and deepening pipelines in agricultural areas SF-M	In progress	1,090	Asset	Work in Progress	0
Sonacol S.A.	Improving pipeline post inspection CC-M-LPG	Finished	1,146	Asset	Work in Progress	0
Sonacol S.A.	Improving internal post inspection and post integrity evaluation for San Fernando pipeline	In progress	2,613	Asset	Deferred charges	0
Sonacol S.A.	Improving pipeline integrity CC-M10" and 16" and LPG Q-CC10"	In progress	503	Asset	Deferred charges	0
Total			7,006		244	

Company	12.31.2018	Disbursements in 2018			Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$ Estimated Date
Compañía de Petróleos de Chile Copec S.A.	Sprinklers	Current	166	Asset	Work in Progress	30 2019
Compañía de Petróleos de Chile Copec S.A.	Waste disposal	Current	106	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Wastewater treatment and environmental assessment	Current	9	Asset	Work in Progress	0
Compañía de Petróleos de Chile Copec S.A.	Wastewater treatment and environmental assessment	Current	70	Expense	Administrative expenses	0
Compañía de Petróleos de Chile Copec S.A.	Treatment plants for effluents and sewage	Current	236	Asset	Work in Progress	1 2019
Via Limpia SpA.	Removal of oils, filters, batteries and industrial waste	Current	8	Expense	Operating costs	0
Mapco Express, Inc.	Contamination from leaking tanks	In progress	0	Expense	Administrative expenses	85 2019
Abastible S.A.	Environmental management	In progress	346	Expense	Expense	0
Abastible S.A.	Managing the implementation of environmental improvements	In progress	53	Investment	Property, plant and equipment	199 2019
Sonacol S.A.	Cathodic protection system improvements	In progress	1,603	Asset	Work in Progress	0
Sonacol S.A.	Improving and deepening pipelines in agricultural areas SF-M	In progress	3,534	Asset	Work in Progress	0
Sonacol S.A.	Improving pipeline post inspection CC-M-LPG	Finished	8,066	Asset	Work in Progress	0
Sonacol S.A.	Improving internal post inspection and post integrity evaluation for San Fernando pipeline	In progress	3,534	Asset	Deferred charges	0
Total			17,731		315	

Fishing Sector

Company	12.31.2019	Disbursements in 2019				Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$	Estimated Date
Pesquera Iquique - Guanaye S.A.	Suitability of systems in plants	In progress	284	Asset	Property, plant and equipment	284	2020
Pesquera Iquique - Guanaye S.A.	Improvements in unloading local fishing catches	In progress	364	Asset	Property, plant and equipment	364	2020
Total			648			648	

Company	12.31.2018	Disbursements in 2018				Committed Future Disbursements	
	Project Name	Project Status	Value ThUS\$	Asset Expense	Asset/Expense Category	Value ThUS\$	Estimated Date
Pesquera Iquique - Guanaye S.A.	Improvements in unloading local fishing catches	In progress	25	Asset	Property, plant and equipment	81	2019
Total			25			81	

NOTE 30. OPERATING SEGMENTS

Operating segments have been defined in accordance with the manner in which senior management internally analyze segments in order to make operating decisions and to allocate resources. In addition, the availability of relevant financial information has also been considered when defining operating segments.

Segments have been defined according to the main direct affiliates: Celulosa Arauco y Constitución S.A., Compañía de Petróleos de Chile Copec S.A., Abastible S.A., Pesquera Iquique-Guanaye S.A. and Sociedad Nacional Oleoductos S.A. These companies together represent more than 90% of the sales, EBITDA, net income, and consolidated assets and liabilities.

- **Celulosa Arauco y Constitución S.A.**

Arauco has provided a wide variety of high quality and sustainable products for the paper, construction, packaging and furniture industries since 1979, in order to improve people's lives. It has established itself as one of the leading forestry companies in Latin America, in terms of area and plantation yields, kraft pulp manufacturing, and sawn timber and panel production.

Arauco's plantations and land cover 1.8 million hectares in Chile, Argentina, Brazil and Uruguay. It has modern industrial facilities that include 7 pulp mills, 5 in Chile, 1 in Argentina and 1 in Uruguay (50% owned by Arauco) with a total production capacity of 4 million tons. It has 8 sawmills, 7 in Chile and 1 in Argentina, which process 3.1 million m³ of timber per year and 23 panel plants, 5 in Chile, 2 in Argentina, 4 in Brazil, 2 in Mexico and 10 in the United States and Canada, with a total production capacity of 8.9 million m³.

It has a joint venture called Sonae Arauco (Arauco has a 50% interest in its results), which manufactures and sells MDF, PB and OSB panels, and sawn timber. It has 2 panel plants and 1 sawmill in Spain; 2 panel plants and 1 resin plant in Portugal; 4 panel plants in Germany and 2 panel plants in South Africa, with a total production capacity of 1.5 million m³ of MDF, 2.3 million m³ of PB, 516,000 m³ of OSB and 50,000 m³ of sawn timber.

Arauco has plants with a total production capacity of 4.9 million m³ of MDF, 5.1 million m³ of PB, 258,000 m³ of OSB and 3.1 million m³ of sawn timber, including 50% of Sonae Arauco.

As of December 31, 2019, Arauco's production totaled 3.7 million tons of cellulose and 9.1 million m³ of sawn timber and panels.

Sales totaled US\$5,329 million, of which 44.5% was for pulp, 52.9% for sawn timber and panels and 2.6% for other segments.

37.4% of total sales was sold in the Chilean market and the rest overseas, primarily to Asia and the Americas.

- **Compañía de Petróleos de Chile Copec S.A.**

Compañía de Petróleos de Chile Copec S.A. is one of the country's most important sellers and distributors of fuel for domestic and industrial use. It was established in 1934 and the following year began selling gasoline. Over time it expanded its business and diversified its activities. Copec has 668 service stations throughout the country, forming the most extensive network in Chile, which includes 982 Pronto convenience stores and 310 Punto stores. The company also manages an industrial channel that supplies nearly 4,000 customers, belonging to the most important segments of the Chilean economy. It manages the lubricant trademark Mobil and Esso for vehicles and machinery. This requires 15 fuel storage plants between Arica and the Chacabuco Port, with a total capacity of 384 thousand m³.

Copec's physical sales in Chile totaled 10.3 million m³ during 2019, and its market share of the liquid fuels business was 57.8%.

It began to internationalize its fuels business following the takeover of the Colombian company Terpel in 2010, and now operates in five markets: Colombia, Ecuador, Panama, Peru and Mexico.

Organizacion Terpel has a network of 2,303 service stations and 1,764 of these are service stations for liquid fuels in Colombia its home country.

The Company also has 243 natural gas sales points for vehicles through its brand Gazel, which represents 46.7%² of this segment in Colombia.

It is the main wholesale distributor in Colombia with more than 3,100 customers in industry, transport and aviation. It has a 40%¹ share of the diesel market, a 42%² share of the gasoline market and a 76.4%² share of the jet fuel market in the country.

- **Abastible S.A.**

Abastible S.A. was incorporated in 1956 to market liquefied petroleum gas for domestic, commercial and industrial use. Today this company has become a major player in the Chilean energy sector, basing its strategy on delivering a quality, safe and timely service to all customers. In 2011, Abastible S.A. started to internationalize through the acquisition of a 51% interest in Inversiones del Nordeste (now Nortesantandereana de Gas), a Colombian company. Abastible S.A. acquired a Liquefied Petroleum Gas (LPG) business in Peru and Ecuador from Repsol S.A. in April 2016, and became the third largest LPG supplier in Latin America. In June 2016, Abastible took operational control of Solgas S.A. and Solgas de la Amazonía in Peru. In October it took operational control of Duragas, in Ecuador.

The Company operates throughout Chile from the northernmost city (Arica) to the southernmost (Magallanes) with a complete and modern infrastructure for its liquefied gas business. The Company has 10 storage and filling facilities, plus 7.6 million cylinders and 67 thousand tanks, supported by a network of approximately 1,360 distributors and 29

¹ Figures as of December 2019

² Figures as of December 2019

sales, distribution and agency offices in all the major cities of the country. Additionally, in the Biobio Region it has a port terminal for loading and unloading liquefied gas and liquid fuels and a plant with a capacity for storing 40,000 m³ managed by a related company Hualpén Gas S.A.

- **Pesquera Iquique-Guanaye S.A.**

Empresas Copec S.A. Invested in the Chilean commercial fishing sector in 1980 through Pesquera Guanaye Ltda., which many years later merged with Pesquera Iquique S.A. producing Pesquera Iquique-Guanaye Igemar as a result.

Igemar operates in the north of Chile through its associates Corpesca S.A. and Inversiones Caleta Vitor S.A., while in the country's central-south region it operates with its affiliate Orizon S.A.

These companies' products include fishmeal, which is mainly used as a raw material in food production for aquaculture and livestock, due to its high level of protein, Omega 3 fatty acids and favorable digestibility. Another of its products is fish oil, which is used extensively in aquaculture. However, in recent years, it has been gaining importance as a nutritional supplement in human nutrition and the pharmaceutical industry. Canned and frozen products, using mackerel as the main raw material, are produced for human consumption. Canned and frozen mussels are produced.

In an effort to expand its portfolio of products, the company entered the grocery market selling beans, rice and lentils under the brand San Jose, for the domestic market. In August 2018, the indirect affiliate Orizon S.A. purchased two businesses from Sociedad Comercializadora Novaverde S.A. These distribute General Mills' products in Chile, and distribute and market processed avocado pears.

- During January 2019, Orizon S.A. signed a capital increase and supply agreement with St. Andrews Smoky Delicacies S.A. and Empresa Pesquera Apiao S.A. in order to consolidate its mitylid production and processing, and market it abroad.

The primary destinations for these products are local, Asian, African and European markets.

- **Sociedad Nacional Oleoductos S.A.**

Sonacol has served the energy industry in Chile since 1957, providing a permanent transport system to develop productive activities in the central area.

The company's revenues are from transporting fuels through a network of 465 km of its own pipe lines from Quintero to San Fernando, which transport 98% of the fuel for the Metropolitan Region. Additionally, the company has 9 pump stations, a delivery terminal and a dispatch center strategically located at its corporate headquarters.

Sonamar sold the four tankers it owned, leaving it without assets as of December 31, 2018.

The financial figures associated with these segments, as of December 31, 2019 and 2018 are as follows:

Segments 2019	Arauco ThUS\$	Copec ThUS\$	Abastible ThUS\$	Sonacol ThUS\$	Igemar ThUS\$	Others ThUS\$	Subtotal ThUS\$	Eliminations	Total ThUS\$
Operating revenues from external customers	5,329,129	16,960,126	1,181,301	52,468	192,584	797	23,716,405	0	23,716,405
Inter-segment operating revenues	85	89,858	7,955	27,593	2	1,085	126,578	(126,578)	0
Interest income	32,582	9,085	2,523	114	588	15,708	60,600	0	60,600
Interest expense	(273,639)	(126,460)	(21,743)	(3,523)	(10,137)	(2,398)	(437,900)	0	(437,900)
Interest expense, net	(241,057)	(117,375)	(19,220)	(3,409)	(9,549)	13,310	(377,300)	0	(377,300)
Operating income	277,925	404,153	116,131	54,038	16,079	(20,142)	848,184	0	848,184
Depreciation	506,243	167,676	52,665	9,712	12,789	1,011	750,096	0	750,096
Amortization	13,137	73,058	9,961	0	366	17	96,539	0	96,539
Fair value of timber harvested	323,271	0	0	0	0	0	323,271	0	323,271
EBITDA	1,120,576	644,887	178,757	63,750	29,234	(19,114)	2,018,090	0	2,018,090
Income (loss) from the reporting segment	61,970	226,357	76,853	35,898	(9,413)	(165,809)	225,856	0	225,856
Share in income (loss) of associates	7,775	18,691	16,061	0	(2,663)	(130,992)	(91,128)	0	(91,128)
Income tax expense	(535)	(99,617)	(29,933)	(13,394)	4,908	14,064	(124,507)	0	(124,507)
Investments by segment									
Additions to property, plant and equipment	1,002,937	237,061	104,306	19,698	10,181	19	1,374,202	0	1,374,202
Acquisitions of other long-term assets	247,802	0	386	0	0	0	248,188	0	248,188
Payments to acquire affiliates and associates	171,841	40,346	0	0	20,000	122,920	355,107	0	355,107
Acquisitions of intangible assets	32,032	46,138	2,305	0	0	0	80,475	0	80,475
Payments to acquire other investments	0	0	0	0	0	0	0	0	0
Total investments	1,454,612	323,545	106,997	19,698	30,181	122,939	2,057,972	0	2,057,972
Operating revenue by country									
Operating revenue from Chilean companies	2,895,839	8,306,542	515,069	52,468	192,584	797	11,963,299	0	11,963,299
Operating revenue from foreign companies	2,433,290	8,653,584	666,232	0	0	0	11,753,106	0	11,753,106
Total operating revenue	5,329,129	16,960,126	1,181,301	52,468	192,584	797	23,716,405	0	23,716,405
Assets by segment	16,190,766	5,729,017	1,319,345	275,620	496,000	1,157,162	25,167,910	0	25,167,910
Equity method investments	293,118	12,110	9,050	0	194,167	517,728	1,026,173	0	1,026,173
Segment liabilities	8,821,351	3,853,800	810,435	179,810	277,864	50,612	13,993,872	0	13,993,872
Non-current assets by country									
Chile	7,817,259	1,704,953	503,911	0	383,661	743,709	11,153,493	0	11,153,493
Foreign	4,442,126	1,993,944	543,957	0	0	0	6,980,027	0	6,980,027
Total non-current assets	12,259,385	3,698,897	1,047,868	0	383,661	743,709	18,133,520	0	18,133,520
Cash flows by segment									
Cash flows from (used by) operating activities	675,401	547,316	182,237	21,558	4,838	(6,553)	1,424,797	23,303	1,448,100
Cash flows from (used by) investing activities	(1,320,305)	(262,395)	(101,944)	(20,479)	(28,367)	260,839	(1,472,651)	(245,244)	(1,717,895)
Cash flows from (used by) financing activities	1,147,432	(329,004)	(65,070)	(1,306)	(17,396)	(145,744)	588,912	222,081	810,993
Net increase (decrease) in cash and cash equivalents before effect of exchange rate changes	502,528	(44,083)	15,223	(227)	(40,925)	108,542	541,058	140	541,198

Segments 2018	Arauco ThUS\$	Copec ThUS\$	Abastible ThUS\$	Sonacol ThUS\$	Igemar ThUS\$	Others ThUS\$	Subtotal ThUS\$	Eliminations ThUS\$	Total ThUS\$
Operating revenues from external customers	5,954,758	16,458,640	1,310,920	52,411	192,749	591	23,970,069	0	23,970,069
Inter-segment operating revenues	75	105,496	11,390	31,275	138	1,240	149,614	(149,614)	0
Interest income	20,895	10,739	4,143	96	538	10,922	47,333	0	47,333
Interest expense	(214,779)	(119,019)	(22,180)	(3,844)	(7,525)	(3,272)	(370,619)	0	(370,619)
Interest expense, net	(193,884)	(108,280)	(18,037)	(3,748)	(6,987)	7,650	(323,286)	0	(323,286)
Operating income	1,113,995	469,806	122,727	55,607	14,094	(21,719)	1,754,510	0	1,754,510
Depreciation	395,073	117,884	48,950	10,527	14,966	1,419	588,819	0	588,819
Amortization	12,349	79,605	11,962	0	776	11	104,703	0	104,703
Fair value of timber harvested	319,448	0	0	0	0	0	319,448	0	319,448
EBITDA	1,840,865	667,295	183,639	66,134	29,836	(20,289)	2,767,480	0	2,767,480
Income (loss) from the reporting segment	726,759	292,391	72,751	36,762	(18,651)	8,748	1,118,760	0	1,118,760
Share in income (loss) of associates	17,246	12,094	6,922	0	522	25,517	62,301	0	62,301
Income tax expense	(226,765)	(108,675)	(34,241)	(13,630)	(3,289)	8,905	(377,695)	0	(377,695)
Investments by segment									
Additions to property, plant and equipment	675,958	228,705	119,663	19,495	16,125	36	1,059,982	0	1,059,982
Payments to acquire biological assets	222,029	0	0	0	0	0	222,029	0	222,029
Payments to acquire affiliates and associates	20,072	585,160	6,606	0	20,414	234,113	866,365	(1,000)	865,365
Acquisitions of intangible assets	2,682	57,563	6,182	0	0	7,072	73,499	0	73,499
Payments to acquire other investments	0	0	0	0	0	0	0	0	0
Total investments	920,741	871,428	132,451	19,495	36,539	241,221	2,221,875	(1,000)	2,220,875
Operating revenue by country									
Operating revenue from Chilean companies	3,679,151	8,212,379	596,600	52,411	192,749	591	12,733,881	0	12,733,881
Operating revenue from foreign companies	2,275,607	8,246,261	714,320	0	0	0	11,236,188	0	11,236,188
Total operating revenue	5,954,758	16,458,640	1,310,920	52,411	192,749	591	23,970,069	0	23,970,069
Assets by segment	14,801,137	5,361,864	1,283,750	293,468	520,175	1,226,881	23,487,275	0	23,487,275
Equity method investments	358,053	54,477	55,025	0	166,516	522,671	1,156,742	0	1,156,742
Segment liabilities	7,462,166	3,488,693	794,157	190,217	297,118	61,024	12,293,375	0	12,293,375
Non-current assets by country									
Chile	7,077,429	1,579,105	517,171	283,783	370,834	816,270	10,644,592	0	10,644,592
Foreign	4,282,548	1,731,594	524,837	0	0	0	6,538,979	0	6,538,979
Total non-current assets	11,359,977	3,310,699	1,042,008	283,783	370,834	816,270	17,183,571	0	17,183,571
Cash flows by segment									
Cash flows from (used by) operating activities	1,280,921	305,024	108,754	16,261	(4,804)	(19,768)	1,686,388	23,428	1,709,816
Cash flows from (used by) investing activities	(893,982)	(492,148)	(129,667)	(19,393)	(32,236)	66,343	(1,501,083)	(302,177)	(1,803,260)
Cash flows from (used by) financing activities	129,871	140,107	2,318	2,795	62,490	(107,146)	230,435	280,376	510,811
Net increase (decrease) in cash and cash equivalents before effect of exchange rate changes	516,810	(47,017)	(18,595)	(337)	25,450	(60,571)	415,740	1,627	417,367

Revenue by country is as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$	12.31.2019 %	12.31.2018 %
Operating revenue by country				
Argentina	395,689	479,698	1.7%	2.0%
Brazil	542,676	504,589	2.3%	2.1%
Chile	11,963,299	12,733,881	50.4%	53.1%
Colombia	5,376,239	5,150,269	22.7%	21.5%
Panama	748,193	705,751	3.2%	2.9%
Dominican Republic	458,037	158,445	1.9%	0.7%
Ecuador	298,348	487,105	1.3%	2.0%
Mexico	401,775	0	1.7%	0.0%
Peru	367,973	604,521	1.6%	2.5%
Uruguay	439,565	475,652	1.9%	2.0%
USA/Canada	2,724,611	2,670,158	11.5%	11.1%
Total	23,716,405	23,970,069	100.0%	100.0%

Non-current assets by country are as follows:

	12.31.2019 ThUS\$	12.31.2018 ThUS\$	12.31.2019 %	12.31.2018 %
Non-current assets				
Argentina	781,693	825,915	4.3%	4.8%
Brazil	947,265	984,746	5.2%	5.7%
Chile	11,153,493	10,644,592	61.5%	62.0%
Colombia	935,749	848,839	5.2%	4.9%
Panama	613,417	156,186	3.4%	0.9%
Dominican Republic	266,186	3,923	1.5%	0.0%
Ecuador	299,352	57,143	1.7%	0.3%
USA	3,267	569,632	0.0%	3.3%
Mexico	155,900	0	0.9%	0.0%
Peru	416,194	620,708	2.3%	3.6%
Uruguay	1,724,698	1,661,426	9.5%	9.7%
Spain	3,736	0	0.0%	0.0%
USA/Canada	832,570	810,461	4.6%	4.7%
Total	18,133,520	17,183,571	100.0%	100.0%

NOTE 31. BORROWING COSTS

The Group capitalizes interest on current investment projects. Interest is calculated using the average rate on loans intended to finance such investment projects.

At the date these financial statements were issued, the affiliate Arauco had capitalized financial interests associated with the Arauco Plant Modernization and Expansion (MAPA) project in Chile and the Grayling project (until its commissioning date) in the United States of America.

Capitalized interest for property, plant and equipment	January - December	
	2019 ThUS\$	2018 ThUS\$
Rate of capitalized interest for property, plant and equipment	4.38%	3.65%
Capitalized interest for property, plant and equipment	25,302	17,481

NOTE 32. SUBSEQUENT EVENTS

Between December 31, 2019 and the date these consolidated financial statements were issued, the following significant events have occurred.

1. Empresas Copec S.A.

On March 3, 2020, it communicated the following

"The undersigned, in his authority as Chief Executive Officer of the publicly-held corporation EMPRESAS COPEC S.A. (hereinafter "Empresas Copec"), both domiciled in the Metropolitan Region at 150, El Golf Avenue, floor 17, Las Condes, registered in the Securities Registry as No. 0028, Chilean Identification Number 90,690,000-9, and fully authorized, communicate the following essential information about the Company and its businesses, its publically quoted securities or an offer for them, in accordance with Articles 9 and paragraph 2 of Article 10 of Law 18,045 and General Standard 30 issued by the Financial Market Commission:

At yesterday's meeting, the Board of Directors of associate Inversiones Laguna Blanca S.A. (parent company of Mina Invierno S.A. and related companies) approved its financial statements as of December 31, 2019, which recorded impairment losses affecting "property, plant and equipment", "coal inventories", "recoverable taxes", and other assets. These losses arise from impairment tests performed by Management at the associate on its assets, as a result of its current operational and commercial circumstances, which is mainly due to restrictions imposed by court decisions, one of which is still pending final resolution.

This company was unable to participate in tenders to supply coal and had to cease mining in view of the constraints on extracting overburden to expand coal mining.

Empresas Copec has a 50% interest in Inversiones Laguna Blanca S.A. so shall record a corresponding extraordinary loss of approximately US\$122 million in its financial statements for 2019."

2. Celulosa Arauco y Constitución S.A. reported to the Financial Markets Commission

On January 31, 2020, it communicated the following

"The undersigned, as representative of the privately-held corporation Celulosa Arauco y Constitución S.A., hereinafter the "Company" or "Arauco", both domiciled in the Metropolitan Region at Avenida El Golf 150, floor 14, Las Condes, registered in the Securities Registry as 42, Chilean Identification Number 93,458,000-1, and fully authorized, communicates the following material information about the company and its businesses in accordance with Articles 9 and paragraph 2 of Article 10 of Law 18,045 and General Regulation 30 issued by the Financial Market Commission:

On this date, the Board of Directors of Celulosa Arauco y Constitución S.A. agreed to amend the Company's dividend policy, in accordance with the resolution regarding the distribution of net distributable income adopted by the Extraordinary Shareholders' Meeting held on October 28, when the Company's statutes were amended. Without prejudice to the authority of the Shareholders' Meeting to determine the portion of annual net distributable income to be distributed as a dividend, it is proposed that no dividends are distributed from net distributable income for 2019 and 2020, due to the financial requirements facing the Company over the coming months, especially those related to the MAPA Project."

Between December 31, 2019 and the date these consolidated financial statements were issued, there have been no other significant financial or other events to report.