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Report on review of condensed consolidated interim financial statements

To the Board of Directors and Stockholders Votorantim S.A.

Introduction

We have reviewed the accompanying condensed consolidated interim balance sheet of Votorantim S.A. and its subsidiaries (the "Company") as at June, 30, 2020 and the related condensed consolidated interim statements of income and comprehensive income for the quarter and six-month period then ended, and the condensed consolidated interim statements of changes in equity and cash flows for the six-month period then ended, and a summary of significant accounting policies and other explanatory notes.

Management is responsible for the preparation and presentation of these condensed consolidated interim financial statements in accordance with the accounting standard CPC 21 - "Interim Financial Reporting", and International Accounting Standard (IAS) 34 - "Interim Financial Reporting", of the International Accounting Standards Board (IASB). Our responsibility is to express a conclusion on these condensed consolidated interim financial statements based on our review.

Scope of review

We conducted our review in accordance with Brazilian and International Standards on Reviews of Interim Financial Information (NBC TR 2410 - "Review of Interim Financial Information Performed by the Independent Auditor of the Entity" and ISRE 2410 - "Review of Interim Financial Information Performed by the Independent Auditor of the Entity", respectively). A review of interim information consists in making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Brazilian and International Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion on the consolidated condensed interim financial statements

Based on our review, nothing has come to our attention that causes us to believe that the accompanying condensed interim financial statements referred to above are not prepared, in all materials respects, in accordance with CPC 21 - "Interim Financial Reporting", and IAS 34, as issued by *International Accounting Standards Board* (IASB).

Curitiba, August 6, 2020

PricewaterhouseCoopers
Auditores Independentes

CRC 2SP000160/O-5

Carlos Eduardo Guaraná Mendonça Contador CRC 1SP196994/O-2

Summary

Condensed consolidated interim financial statements

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รเล	tem	ıen	ITS

Condensed consolidated interim balance sheet	2
Condensed consolidated interim statement of income	4
Condensed consolidated interim statement of comprehensive income	5
Condensed consolidated interim statement of charges in equity	
Condensed consolidated Interim statement of cash flows	

General considerations

1	General considerations	. 9
1.1	Main events that occurred during the first semester of	
	2020	. 9
2	Presentation of the condensed consolidated interim	
	financial statements	14
2.1	Basis of preparation	14
	Consolidation	14
2.2	Restatement of comparative figures	14
3	Changes in accounting policies and disclosures	
3.1	Transitions of accounting standards	
	9	

Liabilities and equity

14	Borrowing	31
15	Current and deferred income tax and social	
	contribution	37
16	Provision	39
17	Equity	40
	' '	

Estimates and assumptions

4	Critical accounting estimates and judgments	15
5	Financial risk management	15
5.1	Financial risk factors	15
5.1.1	Derivatives contracted	18
5.1.2	Fair value estimation	19
5.1.3	Sensitivity analysis	21
6	Credit quality of financial assets	23

Results

18	Net revenue from products sold and services	
rendered		42
19	Expenses by nature	42
20	Other operating expenses, net	43
21	Finance results, net	44

Assets

7	Trade receivables	24
8	Inventory	24
9	Financial Instruments - shares	25
10	Taxes recoverable	26
11	Investments	25
12	Property, plant and equipment	27
13	Intangible assets	
	8	

Supplementary information

22	Supplementary information – Business segments	45
23	Subsequent events	56

	Note	6/30/2020	12/31/2019
Assets			
Current assets			
Cash and cash equivalents		9,112	6,262
Financial investments		4,988	4,444
Derivative financial instruments	5.1.1 (a)	225	62
Trade receivables	7	3,014	2,196
Inventory	8	4,729	4,129
Taxes recoverable	10	2,043	1,968
Dividends receivable		123	81
Financial instruments - firm commitment		31	
Other assets		531	621
		24,796	19,763
Assets classified as held-for-sale		9	
	_		
		24,805	19,763
Non-current assets			
Long-term receivables			
Financial investments		20	23
Financial instruments - shares	9	2,965	2,749
Derivative financial instruments	5.1.1 (a)	1,359	337
Derivative financial instruments - put option	5.1.1 (b)	370	655
Taxes recoverable	10	3,649	3,477
Related parties		255	229
Deferred income tax and social contribution	15 (b)	4,276	3,341
Judicial deposits	16 (b)	231	345
Financial instruments - firm commitment	, ,	17	29
Securitization of receivables		336	140
Other assets		737	586
	_	14,215	11,911
		,	,
Investments	11 (b)	12,465	11,720
Property, plant and equipment	12	29,832	27,148
Intangible assets	13	15,227	13,283
Right-of-use assets		868	813
Biological assets		89	85
		72,696	64,960
Total assets		97,501	84,723
10(a) a330(3		97,301	04,723

	Note	6/30/2020	12/31/2019
Liabilities and equity			
Current assets			
Borrowing	14 (a)	2,789	954
Lease liabilities		246	210
Derivative financial instruments	5.1.1 (a)	484	69
Confirming payables		1,287	1,415
Trade payables		4,219	4,429
Salaries and payroll charges		896	836
Taxes payable		571	424
Advances from clients		389	102
Dividends payable		64	120
Use of public assets		90	87
Financial instruments - firm commitment		68	81
Deferred revenue - silver streaming		136	106
Other liabilities		999	870
		12,238	9,703
Liabilities related to assets held-for-sale	_	2	2
		12,240	9,705
		12,210	3,703
Non-current assets			
Borrowing	14 (a)	26,669	18,801
Lease liabilities		675	631
Derivative financial instruments	5.1.1 (a)	1,863	383
Deferred income tax and social contribution	15 (b)	2,446	2,087
Related parties		11	50
Provision	16 (a)	3,499	3,137
Use of public assets		1,181	1,151
Pension plan and post-employment health care benefits		532	367
Financial instruments - firm commitment		157	122
Deferred revenue - silver streaming		783	621
Other liabilities		772	761
		38,588	28,111
Total liabilities		50,828	37,816
	_		
Equity			
Share capital	17 (a)	28,656	28,656
Revenue reserves		10,800	11,165
Retained (loss) earnings		(2,611)	
Carrying value adjustments	17 (c)	5,140	1,948
Total equity attributable to the owners of the Company		41,985	41,769
Non-controlling interests	_	4,688	5,138
Total equity		46,673	46,907
	_	05	
Total liabilities and equity	_	97,501	84,723

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All amounts in millions of	T reals liniess otherwise stated

	Note	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
Continuing					
Continuing operations Net revenue from products sold and services rendered	18	7,562	7,853	14,391	14,573
Cost of products sold and services rendered	19	(6,531)	(6,435)	(12,599)	(12,285)
Gross profit	15_	1,031	1,418	1,792	2,288
Operating income (expenses)	40	(207)	(240)	(424)	(422
Selling General and administrative	19 19	(207) (568)	(218) (559)	(431)	(432
	20	(213)	. ,	(1,148)	(1,079
Other operating income (expenses), net	20_	(988)	(130) (907)	(2,309) (3,888)	6,864 5,353
				4 1	
Operating profit (loss) before equity results and finance results	_	43	511	(2,096)	7,641
Results from equity investments					
Equity in the results of investees	11 (b)_	(79)	215	(212)	304
Realization of other comprehensive income on disposal of investments	_		108		108
	<u> </u>	(79)	323	(212)	412
Finance results, net	21				
Finance income		242	233	416	644
Finance costs		(683)	(667)	(1,275)	(1,454)
Result of derivative financial instruments		26	(100)	7	(159)
Foreign exchange losses, net	_	(157)	59	(1,257)	40
		(572)	(475)	(2,109)	(929)
Profit (loss) before income tax and social contribution		(608)	359	(4,417)	7,124
Income tax and social contribution	15 (a)				
Current		(91)	(45)	(229)	(1,296)
Deferred	_	54	(51)	558	(1,174)
Profit (loss) from continuing operations		(645)	263	(4,088)	4,654
Discontinued operations					
Loss on discontinued operations	_		(38)	(1)	(38)
Profit (loss) for the quarter attributable to the owners of the Company	_	(645)	225	(4,089)	4,616
Profit (loss) attributable to the owners of the Company		(422)	189	(2,611)	4,577
Profit (loss) attributable to non-controlling interests		(223)	36	(1,478)	39
Profit (loss) for the quarter		(645)	225	(4,089)	4,616
Weighted average number of shares - thousands (to the owners of the Company)		18,278,789	18,278,789	18,278,789	18,278,789
Basic and diluted earnings (loss) per thousand shares, in reais		(23.09)	10.34	(142.84)	250.40
From continuing operations					
Basic and diluted earnings (loss) per thousand shares, in reais		(23.09)	12.42	(142.79)	252.48
From discontinued operations					
Basic and diluted loss per thousand shares, in reais			(2.08)	(0.05)	(2.08)

All amounts in millions of reais

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	Note	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 t 6/30/201
rofit for the quarter		(645)	225	(4,089)	4,61
other components of comprehensive income to be subsequently reclassified to profit or loss					
Attributable to the owners of the Company					
Foreign exchange variations	17 (c)	771	(166)	3,998	(13
Hedge accounting for net investments abroad, net of taxes	5.1 (b) e 17 (c)	(11)	25	(403)	10
Hedge accounting for the operations of subsidiaries	17 (c)	(155)	(34)	(816)	(!
Fair value of financial assets available-for-sale of the non-consolidated investments	17 (c)	(2)	35	(2)	(-
Realization of comprehensive results in the sale of investments	17 (c)	(2)	33	(2)	(:
Adjust the fair value of the shares, net of the tax	17 (c)	38	(680)	142	(30
Loss on capital contribution to investee	17 (c)	30	(000)	142	(5)
Inflation adjustment for hyperinflationary economies	17 (c)	60	45	122	- '
Fair value - measurement of credit risk	17 (c)	(149)	43	137	,
Realization of comprehensive results on investment settlement	17 (c)	(143)	(108)	137	(10
Participation in other comprehensive results of investees	17 (c)		(14)		(1)
raticipation in other comprehensive results of investees	17 (c)		(14)		(-
Attributable to non-controlling					
Foreign exchange variations attributable to non-controlling interests		138	(105)	1,119	(1)
Hedge accounting for the operations of subsidiaries			1		
Participation in other comprehensive results of investees	_	12	(21)	12	(2
		702	(1,022)	4,309	(58
ther components of comprehensive income that will not be reclassified to profit or loss					
Attributable to the owners of the Company					
Remeasurement of retirement benefits, net of tax	17 (c)	8	(1)	14	
Attributable to non-controlling			` '		
Remeasurement of retirement benefits, net of taxes		(1)	(2)		
ther components of comprehensive income for the quarter	<u> </u>	709	(1,025)	4,323	(58
			(/ /	,	1
omprehensive income (loss) from					
Continuing operations		65	(763)	235	4,06
Discontinued operations		(1)	(37)	(1)	(3
		64	(800)	234	4,03
omprehensive income attributable to					
Owners of the Company		138	(709)	581	4,1:
Non-controlling interests		(74)	(91)	(347)	4,1.
tron condoming interests	_	64	(800)	234	4,03

	to the owners									
				Rev	enue reserves					
					5 6					
						Retained (loss)	Carrying value		on-controlling	
	Note	Share capital	Tax incentives	Legal	retention	earnings	adjustments	Total	interests	Total equity
At January 1, 2019		28,656	10	771	6,307		1,475	37,219	5,623	42,842
IAS 29 adjustment (i)					(295)		419	124		124
St Marys goodwill (i)					94		43	137		137
CESP purchase allocation (i)					356			356		356
At January 1, 2019 after restatement impacts		28,656	10	771	6,462		1,937	37,836	5,623	43,459
Profit for the semester						4,577		4,577	39	4,616
Other comprehensive income							(466)	(466)	(120)	(586)
Comprehensive income for the semester						4,577	(466)	4,111	(81)	4,030
Acquisition of non-controlling interest									4	4
Distribuition of dividends					(1,475)			(1,475)	(154)	(1,629)
Reversal of deliberate dividends					415			415		415
Total contributions and distributions to shareholders					(1,060)			(1,060)	(150)	(1,210)
At June 30, 2019		28,656	10	771	5,402	4,577	1,471	40,887	5,392	46,279
At January 1, 2020		28,656	10	1,032	10,123		1,948	41,769	5,138	46,907
Loss for the semester						(2,611)		(2,611)	(1,478)	(4,089)
Other comprehensive income	17 (c)						3,192	3,192	1,131	4,323
Comprehensive income (loss) for the semester						(2,611)	3,192	581	(347)	234
Distribution of dividends	17 (b)				(401)			(401)	(103)	(504)
Effect of liquidation of related parties on the spin-off of subsidiary					36			36		36
Total contributions and distributions to shareholders					(365)			(365)	(103)	(468)
At June 30, 2020		28,656	10	1,032	9,758	(2,611)	5,140	41,985	4,688	46,673

(i) Effects of restatement of comparative balances, according to Note 2.3 of the latest annual financial statements.

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	Note	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
ash flow from operating activities					
Profit (loss) before income tax and social contribution		(607)	358	(4,417)	7,124
Loss on discontinued operations		(1)	(37)	(1)	(38
Adjustments to items that do not represent changes in cash and cash equivalents					
Depreciation, amortization and depletion	20	793	762	1,549	1,491
Equity in the results of investees	12 (b)	79	(215)	212	(304
Interest, indexation and foreign exchange variations (i)		334	282	1,723	424
Provision (reversal) for the impairment of fixed, intangible assets and investments	12 e 13	273	(6)	2,428	(15
Loss (gain) on sales of fixed and intangible assets, net		6	(33)	6	(31)
Fair value adjustment		(59)	9	(194)	
Constitution of provision		(18)	(71)	52	64
Derivative financial instruments		5	128	(156)	188
Financial instruments - firm commitment		37	32	3	80
Net revenue on investment sale					(6,772
Net gain from financial instrument - put option	5.1.1 (b)	82	32	285	
Gain oninvestee purchase	21	13		(151)	
Credit of ICMS on the calculation bases of PIS and COFINS		(156)	(117)	(156)	(702
Net gain on the sale of investments			50		50
Estimated loss on allowance for loan losses			17		17
Realization of comprehensive income in the sale of investment			(108)		(108
		781	1,083	1,183	1,468
Decrease (increase) in assets					
Financial investments		40	(958)	(375)	(1,260)
Derivative financial instruments		(17)	(40)	(18)	(37
Trade accounts receivable		(71)	(309)	467	(446
Inventory		230	(14)	152	(213
Taxes recoverable		37	(201)	72	(263
Related parties		(8)	(3)	(26)	(116
Judicial deposits		94	21	109	348
Other accounts receivable and other assets		(33)	(135)	(44)	(198
Increase (decrease) in liabilities					
Trade payables		(191)	130	(1,504)	(514
Salaries and social charges		186	114	(39)	(144
Use of public assets		(16)	(13)	(19)	(15
Taxes payable		79	3	68	13
Advances from customers		171	(11)	271	(7
Other obligations and other liabilities		(191)	53	(474)	(354)
Cash used in operating activities		1,091	(280)	(177)	(1,738)
Interest paid on borrowing and use of public assets		(456)	(363)	(622)	(656
Income tax and social contribution paid		(73)	(38)	(210)	(3)
Net cash used in operating activities		562	(681)	(1,009)	(2,397)

All amounts in millions of reais

(A free translation of the original in Portuguese)

	Note	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
Cash flow from investment activities					
Proceeds from disposals of fixed and intangible assets		25	51	36	58
Investment sale					8,181
Dividends received		18	9	20	9
Acquisitions of property, plant and equipment	12	(686)	(719)	(1,351)	(1,182)
Increase in biological assets		(8)		(3)	
Acquisitions of investments	11		87	(228)	(116)
Increase in intangible assets	13	(1)	1	(7)	(8)
Income tax and social contribution paid					(1,287)
Net cash provided by (used in) investment activities		(652)	(571)	(1,533)	5,655
Cash flow from financing activities					
New borrowing		5,782	2,010	9,407	2,299
Repayment of borrowing		(3,506)	(2,522)	(4,805)	(6,894)
Repayment of leasing contracts		(47)	(32)	(112)	(84)
Derivative financial instruments		(35)	(68)	68	(8)
Dividends paid		(70)	(28)	(560)	(1,167)
Net cash provided by (used in) financing activities		2,124	(640)	3,998	(5,854)
Increase (decrease) in cash and cash equivalents		2,034	(1,892)	1,456	(2,596)
Effect of companies excluded from consolidation				7	
Effect of fluctuations in exchange rates		299	(85)	1,387	(127)
Cash and cash equivalents at the beginning of semester		6,779	6,921	6,262	7,667
Cash and cash equivalents at end of semester		9,112	4,944	9,112	4,944

All amounts in millions of reais unless otherwise stated

1 General considerations

Votorantim S.A. (the "Company", the "Parent Company", or "VSA"), is a Brazilian long-term holding company. With its headquarters in the city of São Paulo, Brazil, the Company's purpose is to manage assets and companies, as well as to invest in other companies in order to further its objectives.

The Company, through its subsidiaries and associates, operates in: construction, metals and mining, aluminum, electrical energy, long steel, agribusiness and finance.

1.1 Main events that occurred during the first semester of 2020

(a) Acquisition of a manufacturing unit

The subsidiary Companhia Brasileira de Alumínio ("CBA") announced, in August 2019, the signing of a share purchase and sale agreement with the purpose of fully acquiring the shares of the company Arconic Indústria e Comércio de Metais Ltda., a unit located in Pernambuco, in the Brazilian Northeast, which will complement CBA's laminated product line.

In accordance with IFRS3 / CPC 15 (R1) - "Business combination", in the event of an advantageous purchase, the acquirer must recognize the resulting gain in the income statement for the year, on the acquisition date. Before recognizing the gain resulting from an advantageous purchase, the subsidiary CBA carried out a prior review to make sure that all assets acquired and liabilities assumed were correctly identified and recognized them during the review. The subsidiary has already started the process of contracting a specialized company to issue a PPA (purchase price allocation) report, which is expected to be concluded in 2020. In February 2020, the corporate name of the investment acquired was renamed CBA Itapissuma Ltda..

The price paid for the acquisition totaled R\$ 224, generating a gain for an advantageous purchase of R\$ 152, in the application of the acquisition method provided for in CPC 15, recorded under "other operating income (expenses)".

The preliminary composition of the acquired net assets is detailed below:

At February 1, 2020

7.10.00.00.7 2) 2020	
Cash	224
Total transferred	224
Valores reconhecidos de ativos identificáveis adquiridos e	
passivos assumidos	
Cash and cash equivalents	7
Financial investments	20
Trade receivables	58
Inventory	139
Property, plant and equipment	216
Other assets	21
Trade payables	(69)
Other liabilities	(16)
Total assets	376
Gain on Itapissuma purchase	152
Deferred taxes (34%)	(52)
Total gain on Itapissuma purchase, net from tax	100

All amounts in millions of reais unless otherwise stated

(b) Option to purchase Piauí II and III

In January 2020, the joint venture VTRM Energia Participações SA ("VTRM"), with shared control between Votorantim Geração de Energia ("VGE") and CPP Investments exercised its option to purchase the Ventos do Piauí II and III wind complexes for the development of new wind farms in the Northeast region of Brazil, with an investment of approximately R\$ 2,000.

The construction of the parks is scheduled to begin in 2021, and will start operating in 2022. Each complex will consist of five wind farms located in the Serra do Inácio region. Ventos do Piauí II will have 100% of its structure distributed between 3 Piauí municipalities (Curral Novo, Paulistana and Betânia do Piauí) and the Ventos do Piauí III complex will have wind turbines installed in Curral Novo (Piauí), Araripina and Ouricuri (Pernambuco). Together, the new complexes will have an installed power generation capacity of 409.2 MW and will make VTRM responsible for approximately 1 GW of installed generation capacity in that region.

(c) Amendment to the loan agreement under Law No. 4,131/1962 by VCSA

On January 30, 2020, the subsidiary Votorantim Cimentos S.A. ("VCSA") renegotiated the contractual terms of the loan under Law No. 4,131/1962, contracted in March 2018, in the total amount of USD 100 million. VCSA extended the final maturity from 2023 to 2025 and renegotiated the cost of the swap (derivative financial instrument) from 112.00% to 107.00% of the CDI.

On March 9, 2020, the indirect subsidiary Votorantim Cimentos N / NE SA ("VCNNE") renegotiated the contractual conditions of the loan under the terms of Law 4,131 / 1962, contracted in September 2018, in the total amount of USD 50 million (R \$249 million). VCNNE extended the final maturity from 2023 to 2025 and contracted a new swap (derivative financial instrument) at a cost of 111.00% of the CDI. The previous swap, at a cost of 108.00% of the CDI, was extinguished at the time of renegotiating the main loan agreement.

The swaps tied to the operations were contracted jointly with the same financial institution as the loan and aims at both the exchange of exposure to the floating rate LIBOR to the floating rate CDI, as well as the exchange of currency from dollar to real (debt in USD + swap to BRL in%) CDI).

(d) Borrowing under the terms of Law No. 4,131 / 1962 by Votorantim Cimentos S.A.

On March 16, 2020, VCSA entered into a loan agreement under Law No. 4,131 / 1962 in the total amount of USD 50 million (R \$ 249 million) with maturity on March 20, 2025.

The operation has a swap contract (derivative financial instrument) that aims at both the exchange of exposure from the fixed dollar rate to the floating rate CDI, as well as the exchange of dollar to real currency, resulting in a final cost of 110.80% a.a. of the CDI. This swap was contracted jointly with the same financial institution as the loan (debt in USD + swap to BRL in% of CDI).

(e) Distribution of dividends by the subsidiary Nexa

On February 13, 2020, the Board of Directors of the subsidiary Nexa approved, in accordance with the laws of Luxembourg, distribution of dividends to its shareholders registered on March 16, 2020, in the amount of R\$ 260 (USD 50 million), paid on March 30, 2020.

(f) Resolution of dividends by VSA

On January 20, 2020, the Company resolved to pay R \$ 401 to its parent company Hejoassu Administração S.A., corresponding to dividends related to the portion of the "profit reserves" account balance, accumulated from previous years. The amount was paid in full on February 10, 2020.

All amounts in millions of reais unless otherwise stated

(g) Loan agreement - Nexa

On March 12, 2020, in order to expand its short-term liquidity, the subsidiary Nexa contracted a loan with a global financial institution in the principal amount of R \$ 477 (approximately USD 100 million) at a fixed cost in reais of 8.5 % pa, maturing in 5 years. At the same time, the subsidiary Nexa contracted a swap to exchange the pre-fixed interest rate in US dollars of 2.45% p.a., as well as the currency of the debt service payments from BRL to USD. It is noteworthy that the loan is characterized as "green financing" based on the guidelines of the Green Loan Principles.

(h) Export credit notes ("NCE")

In February 2020, the subsidiary CBA signed an NCE contract to finance its exports in the amount of R \$ 250, with final maturity in 2029. The operation has a swap contract linked to it (derivative financial instrument - hedge accounting), which aims to the exchange of exposure to the floating rate CDI in reais for a fixed rate in US dollars, resulting in a weighted average cost of 4.25% per year. It is noteworthy that the loan is characterized as "green financing" based on the guidelines of the Green Loan Principles.

At the end of March 2020, to expand its short-term liquidity in Brazil, the subsidiary Nexa signed 4 NCE contracts in the total principal amount of R \$ 1,247 (approximately USD 250 million) at costs between 134.2% of the CDI and CDI + 1.80% to 4.20%, with maturities between 1 and 5 years.

On April 9, 2020, the subsidiary Nexa entered into an additional NCE contract in the total principal amount of R \$ 230 (approximately USD 45 million) and CDI cost + 3.90%, maturing in 1 year.

(i) Revolving credit facility

During the first half of 2020, the indirect subsidiaries St. Mary's and VCI made several movements in the available revolving credit line, with the net amount between prepayment and new withdrawals totaling an additional balance of approximately USD 247 million compared to the balance December 2019. These movements were necessary to reinforce the liquidity position and to face the seasonality period that recurrently affects North America.

As at June 30, 2020, the amount of USD 290 million was in use, considering the exchange rate on the withdrawal date. At the end of the semester, the updated amount of this line is USD 221 million and CAD 94 million (USD 69 million).

On May 13, 2020, the indirect subsidiary Votorantim Cimentos Europe, Asia and Africa ("VCEAA") withdrew the revolving credit line in the amount of USD 200 million. The proceeds from this withdrawal were used to repurchase the euro bonds (bonds) of the indirect subsidiary VCI with maturity in April 2021.

This credit line was contracted by VCSA and its subsidiaries in the total amount of USD 500 million and maturing in August 2023. The remaining balance of USD 300 million remains available.

On April 14, 2020, in order to increase its short-term liquidity, the subsidiary Nexa fully withdrew its revolving credit line in the amount of USD 300 million. On June 30, 2020, the amount was fully reimbursed with the funds obtained with the bond offering, as detailed in note 1.1 (j). The revolving credit line remains available to the subsidiary until October 2024.

(j) Bond Offering - Nexa

On June 15, 2020, the subsidiary Nexa made a bond offering in the amount of R\$ 2,738 (USD 500 million), maturing in January 2028 at an interest rate of 6.50% per year. This new offer was made in accordance with the subsidiary's strategy of increasing its liquidity and refinancing part of its current debt, extending its average term.

(k) Recognition of impairment loss

The subsidiary Nexa recognized, during the first quarter of 2020, an impairment loss on the Jarosita project, classified in property, plant and equipment, in the amount of R \$ 170 in progress.

All amounts in millions of reais unless otherwise stated

In addition, the subsidiary Nexa recognized an impairment loss in its cash generating unit ("CGU") Cerro Pasco in the amount of R \$ 791 and goodwill in the mining segment in the amount of R \$ 1,191. The impairment loss represents an overvaluation of the book value of the assets included in the UGC and in the Peruvian mining segment over their respective fair values less disposal costs (FVLCD) of the included assets.

Such impairment losses occurred mainly as a result of the drop in metal prices, suspension of production and increase in operating costs, totaling an impairment loss in the amount of R \$ 2,152, recognized in other operating results, net. For the subsidiary VCSA, within the Europe, Asia and Africa segment, Turkey's operations are considered, in a manner consistent with previous years, as a single CGU. Through the value in use method, impairment was identified in the classes of fixed assets of land and land, buildings and constructions, and in the classes of intangible assets of software, rights of exploitation of natural resources, asset retirement obligation and others, in the amount of R \$ 143, mainly due to the update of sales volume assumptions for the coming years. Likewise, Spain's operations are considered, in a manner consistent with previous years, to be a single CGU. Through the value-in-use method, impairment reversal was identified in the fixed assets classes of machinery and equipment, buildings and constructions, and in the intangible asset class, rights to exploit natural resources, in the amount of R \$ 6, which were inactive and went into operation.

In the Latin America segment, Bolivia's operations are considered, in a manner consistent with previous years, to be a single CGU. Through the value in use method, impairment was identified in the asset classes of machinery and equipment, in the amount of R \$ 137, mainly due to the increase in the discount rate, due to the upward revision of the country risk and cost of debt, and the reduction in cement sales volumes expected for 2020.

(I) Return of the mining sector in Peru

After the end of the period of operational restrictions on non-essential industries, imposed by the Peruvian government due to COVID-19, economic activities have been resuming gradually and progressively since May 11, 2020. Consequently, operations at the mining Cerro Lindo and El Porvenir, owned by the subsidiary Nexa, are in the recovery phase following strict health and safety protocols. In addition, in view of the current macroeconomic environment and uncertain recovery time, it was also decided that the Atacocha high-cost underground mine will remain suspended, following the subsidiary's efforts to reduce costs and improve its operational efficiency. Currently, the subsidiary has not defined how long this suspension will last, the determination will depend on the duration and severity of the economic uncertainty related to COVID-19

(m) Effects of the pandemic caused by the novel Coronavirus ("COVID-19")

In view of the emergence of the novel Coronavirus pandemic, which caused impacts on public health and the economy of Brazil and several countries, the Company states that it has been taking preventive and risk mitigation measures according to the guidelines established by health authorities national and international, aiming to minimize impacts on the health and safety of employees, family, partners and communities, as well as the continuity of all its operations. These measures are in accordance with the laws in force in the countries in which the Company operates and its internal regulations.

The extent of the impacts of COVID-19 will depend on the duration of the pandemic, possible restrictions imposed by governments and other possible developments in the countries in which the Company and its subsidiaries operate. The Company and its subsidiaries constantly evaluate and implement action plans together with customers, suppliers and other stakeholders involved, according to the current scenario and the best possible projections. In this scenario, the Company and its subsidiaries have been monitoring the effects on the main critical accounting estimates and judgments, as well as other balances with the potential to generate uncertainties and impacts on the financial information disclosed. Below, the most relevant evaluations:

(i) Impairment of non-financial assets

The Company and its subsidiaries consider that the potential effects of the pandemic represent a change in the facts and circumstances considered in the future scenarios projected by Management for the annual analysis of the recoverability of non-financial assets prepared for the consolidated financial statements for the year ended December 31 2019. Therefore, the

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Company and its subsidiaries are constantly reassessing and monitoring the indications of impairment of non-financial assets, with the intention of identifying evidence of impairment losses.

In the semester ended June 30, 2020, the subsidiaries Nexa and VCSA recorded impairment of R \$ 2,426, as detailed in note 1.1 (h).

(ii) Recoverability of deferred tax assets

The Company and its subsidiaries assessed deferred tax assets on tax loss / negative basis and temporary differences recorded in their balance sheet as at June 30, 2020, and even in the face of uncertainty, they did not identify the need for a provision for loss on the balances already recorded.

(iii) Analysis of liquidity ratios and available credit lines

The Company has a solid liquidity position, reinforced by revolving credit lines available in the amount of USD 200 million. Its subsidiaries Votorantim Cimentos and Nexa also have similar lines. Votorantim Cimentos has a line of USD 500 million, of which USD 200 million was used. As a result, USD 300 million is still available. Nexa, on the other hand, has a credit line in the amount of USD 300 million. This position provides the Company with conditions to mitigate, even if not fully known, the initial impacts of this adverse scenario.

Considering the aforementioned uncertainty, added to the review of ratings of Brazilian and foreign institutions by specialized agencies, the Company and its subsidiaries continue to monitor their liquidity ratios.

(iv) Compliance with obligations contained in debt contracts (covenants)

In accordance with current contracts, the financial ratios that are monitored by the Company have been achieved, since they are calculated in accordance with the annual financial statements. Considering that the Company and its subsidiaries are exposed to risks arising from COVID-19 which may cause their operating results to deteriorate it is not possible to ensure that these covenants will be reached in the future. Accordingly, Management assiduously monitors the covenants assumed in its financial contracts, making it possible to anticipate possible non-compliance.

(v) Compliance with obligations assumed with customers and suppliers

The Company and its subsidiaries evaluated their main supply and supply contracts with customers and suppliers, respectively, and concluded that, despite the impacts caused by the COVID-19 pandemic, their main contractual obligations were fulfilled.

(vi) Risk matrix for calculating the estimate of losses due to doubtful accounts

The Company and its subsidiaries are monitoring the need for reassessment of the risk classification assumptions of the customers that base the calculation of the estimate of losses due to doubtful accounts. Until the issuance of these financial statements, the Company and its subsidiaries did not identify the need for a relevant change in the risk rating of their customers that would generate a material increase in the estimated amount of loss on doubtful accounts recorded on June 30, 2020 or other effects adverse effects to be accounted for in the group of accounts receivable from customers.

(vii) Inventory loss estimate due to low turnover and change in realizable value

The Company and its subsidiaries are monitoring the inventory turnover, considering that this represents the main premise for the constitution of the estimated loss recorded by the Company and its subsidiaries. Assumptions for the net realizable value of inventories were revised after the effects of the pandemic caused by COVID-19 in the normal course of business. Until the issuance of these financial statements, the Company and its subsidiaries did not identify any material changes in the realizable value of inventories, nor did they identify the need to increase the estimated loss of inventories accounted for, due to the pandemic caused by COVID-19, considering the inventory turnover analysis.

All amounts in millions of reais unless otherwise stated

(viii) Final considerations

At the time of issuing these interim financial statements, the Company and its subsidiaries have not identified any other relevant impacts to be disclosed and have no visibility of impacts or accounting evidence arising from the pandemic caused by COVID-19 that imply changes in accounting policies, in the main established estimates and in the critical accounting judgments mentioned above.

2 Presentation of the condensed consolidated interim financial statements

2.1 Basis of preparation

(a) Condensed consolidated interim financial statements

The financial statements have been prepared and are being presented in accordance with Technical Pronouncement CPC 21 (R1) Interim Statement, and International Accounting Standard IAS 34 - Interim Financial Reporting, issued by the International Accounting Standards Board (IASB) and disclose all relevant information in the interim financial statements, which is consistent with that used by management in its administration. For this reason, the condensed consolidated interim financial statements as at June 30, 2020 do not contain all explanatory notes and disclosures required by the accounting standards applicable to annual financial statements, as their purpose is to provide an update on any changes to significant activities, events and circumstances relative to those financial statements. As a consequence, they should be read together with the consolidated financial statements at December 31, 2019, issued on March 3, 2020, and available on the investor relations website (www.votorantim.com.br/ri).

The Company voluntarily opted for the presentation of the condensed interim cash flow statement for the six-month period ended June 30, 2020. The condensed consolidated interim financial statements have been prepared in a manner consistent with the accounting policies disclosed in the consolidated financial statements at December 31, 2019.

(b) Approval of the financial statements

The Board of Directors approved the consolidated financial statements for issue on August 05, 2020.

All amounts in millions of reais unless otherwise stated

3 Changes in accounting policies and disclosures

3.1 Changes in accounting standards

In the semester ended June 30, 2020, there were no changes in the accounting practices adopted by the Company and its subsidiaries, in relation to those detailed in the latest annual financial statements.

4 Critical accounting estimates and judgments

In the semester ended June 30, 2020, there were no changes in the estimates and assumptions that presented a significant risk of causing material adjustments to the carrying amounts of assets and liabilities for the current fiscal year, compared to those detailed in the most recent annual financial statements.

5 Financial risk management

5.1 Foreign exchange risk

(a) Foreign exchange risk

The Company and its subsidiaries have certain investments in foreign operations, the net assets of which are exposed to foreign exchange risk. The foreign exchange exposure arising from the Company's and its subsidiaries' participation in foreign operations is mainly hedged by borrowing in the same currency as these investments, classified as net investment hedges.

Presented below are the accounting balances of assets and liabilities indexed to the foreign currency at the closing date of the balance sheets:

Note	6/30/2020	12/31/2019
Assets denominated in foreign currency		
Cash and cash equivalents	8,239	5,125
Financial investments	93	96
Trade receivables	1,765	1,178
Derivative financial instruments	584	234
Related parties	71	82
	10,752	6,715
Liabilities denominated in foreign currency		
Borrowing (i)	23,254	15,172
Lease liabilities	699	567
Derivative financial instruments	1,130	155
Trade payables	2,485	2,227
Confirming payables	987	1,159
Deferred revenue - silver streaming	919	727
	29,474	20,007
Net exposure	(18,722)	(13,292)

(i) Does not consider borrowing costs.

All amounts in millions of reais unless otherwise stated

(b) Hedge of net investments in foreign operations

The investments presented in the following table were designated as hedged objects and the debt portion of the Company and its subsidiaries Companhia Brasileira de Alumínio, Votorantim Cimentos International SA and St. Marys Cement Inc., denominated in euros and dollars.

			6/30/2020
Investment		Debt	
Nexa Resources Cajamarquilla S.A.	1,725	Votorantim S.A.	1,315
		CBA	788
St. Marys Cement Inc.	2,738	St. Marys Cement Inc.	2,738
Votorantim Cimentos EAA Inversiones, S.L.	2,147	Votorantim Cimentos International S.A.	2,147
	6,610		6,988
			12/31/2019
Investment			Debt
Nexa Resources Cajamarquilla S.A.	1,616	Votorantim S.A.	968
		CBA	580
St. Marys Cement Inc.	2,015	St. Marys Cement Inc.	2,015
Votorantim Cimentos EAA Inversiones, S.L.	1,581	Votorantim Cimentos International S.A.	1,581
	5,212	<u> </u>	5,144

The Company and its subsidiaries document and evaluate the effectiveness of the investment hedge operations on a monthly basis, as required under IFRS 9 - "Financial instruments: recognition and measurement".

The foreign exchange loss on the conversion of debts, net of income tax and social contribution, recognized as equity valuation adjustments on March 31, 2020, was R\$ 403 (June 30, 2019, net income of R\$ 106) (Note 17 (c)).

(c) Liquidity risk

The following table analyzes the financial liabilities of the Company and its subsidiaries, by maturity, corresponding to the period remaining from the balance sheet date up to the contractual maturity date. The amounts disclosed in the table represent the undiscounted contractual cash flows, these amounts may not be reconciled with the amounts disclosed in the balance sheet.

All amounts in millions of reais unless otherwise stated

		Up to one	From one to	From three	From five to	From ten	
	Note	year	three years	to five years	ten years	years	Total
At June 30, 2020							
Borrowing (i)		3,659	6,841	9,435	14,167	6,043	40,145
Lease		228	345	175	142	31	921
Derivative financial instruments		484	280	518	1,052	13	2,347
Confirming payables		1,287					1,287
Trade payables		4,219					4,219
Dividends payable		64					64
Related parties		11					11
Use of public assets	_	90	155	268	749	1,155	2,417
		10,042	7,621	10,396	16,110	7,242	51,411
At December 31, 2019							
Borrowing (i)		1,362	5,506	6,918	9,126	4,544	27,456
Lease		229	288	177	119	28	841
Derivative financial instruments		69	117	51	213	2	452
Confirming payables		1,415					1,415
Trade payables		4,429					4,429
Dividends payable		120					120
Related parties		50					50
Use of public assets	_	88	152	254	732	1,233	2,459
	_	7,762	6,063	7,400	10,190	5,807	37,222

⁽i) Does not include the recorded fair value of the debts contracted under Law 4131/1962.

5.1.1 Derivatives contracted

(a) Effects of derivative financial instruments on the balance sheet and cash flow

The table below summarizes the derivative financial instruments and the underlying hedged items:

										1/1/2020 to	0 6/30/2020						
	P	rincipal Value		12/31/2019						Changes	in fair value	6/30/2020				Fair value b	y maturity
							Cost of	Other									
						Net revenue from	products	operating									
						products sold	sold and	income		Other							
						and services	services	(expenses),		comprehensive	Gain (lon)						
Programs	6/30/2020	12/31/2019	As per unit	Fair value In	ventory	rendered	rendered	net	results, net	income	Realized	Fair value	2020	2021	2022	2023	2024+
Hedges for sale of zinc at a fixed price																	
Zinc forward	24,230	15,252	ton	(4)				(31)			(27)	(8)	(8)				
				(4)			,	(31)			(27)	(8)	(8)				
Hedges for mismatches of quotational period																	
Zinc forward	221,643	258,220	ton	(3)	2	(35)	73	(14)		(1)	27	(5)	(5)				
				(3)	2	(35)	73	(14)		(1)	27	(5)	(5)				
Operating margin hedging																	
Aluminum forward	249,000	151,800	ton	(19)		73				21	58	17	70	(46)	(7)		
Collars	13	18	USD millions	3		(5)				(4)	(4)	(2)	(7)	5			
USD forward	415	273	USD millions	42		(94)				(209)	(72)	(189)	(146)	(43)			
				26		(26)				(192)	(18)	(174)	(83)	(84)	(7)		
Foreign exchange risk																	
Collars	100	181	USD milhões	(2)					(98)		(27)	(73)	(62)	(11)			
				(2)					(98)		(27)	(73)	(62)	(11)			
Interest rates risk																	
LIBOR floating rate vs. CDI floating rate swaps	315	315	USD millions	54					413		106	361	(5)	(24)	(54)	(29)	473
IPCA floating rate vs. CDI floating rate swaps	760	227	BRL	6					(10)		2	(6)	2		(13)	(20)	25
USD vs. CDI floating rate swaps	50		BRL						24			24		(3)	(9)	(12)	48
CDI floating rate swaps vs.USD floating swaps	1,335	747	BRL	(127)		(14)				(646)	(14)	(773)	(27)	(45)	(11)	(10)	(680)
IPCA floating rate vs. USD floating rate swaps	160	139	BRL	(3)		1				(60)	1	(63)	(1)	(5)	(5)	(5)	(47)
BRL vs. USD floating rate swaps	477		BRL						(46)			(46)		29	27	25	(127)
				(70)		(13)			381	(706)	95	(503)	(31)	(48)	(65)	(51)	(308)
	Total v	alue of the deriv	ative instruments	(53)	2	(74)	73	(45)	283	(899)	50	(763)	(189)	(143)	(72)	(51)	(308)

As at June 30, 2020, the operational hedge accounting operations, recognized in "carrying value adjustments" totaled a loss in the amount of R\$ 816 (June 30, 2019, loss in the amount of R\$ 51). In addition, there were investee hedge accounting operations, net of taxes, with a loss in the amount of R\$ 403 (June 30, 2019, gain in the amount of R\$ 106), in unconsolidated subsidiaries also recognized in "carrying value adjustments".

All amounts in millions of reais unless otherwise stated

(b) Derivative financial instruments – Put-option

During the year ended on December 31, 2018, a transaction was concluded as a result of which Votorantim Siderurgia S.A. became a subsidiary of ArcelorMittal Brasil S.A. ("AMB"). In accordance with the agreement between the parties, VSA now holds a minority interest of 15% in AMB's combined long steel business which, in compliance with accounting rules, was recognized as a financial instrument, in accordance with CPC 48 - "Financial instruments". The variation in the fair value of this operation in the semester, resulted in a loss in the amount of R\$ 285 (June 30, 2019, gain of R\$ 367 thousand), recorded in the item "net financial result".

5.1.2 Fair value estimation

The main financial assets and liabilities are described below, as well as the assumptions for their valuation:

Financial assets - considering the nature and terms, the amounts recorded are close to the realizable values.

Financial liabilities - are subject to interest at usual market rates. The market value was calculated based on the present value of the future cash disbursement, using interest rates currently available for issuing debts with similar maturities and terms.

The Company and its subsidiaries disclose the fair value measurements at the level of the following measurement hierarchy at fair value:

Level 1 - Quoted prices (not adjusted) in active markets for identical assets and liabilities;

Level 2 - Information, in addition to quoted prices, included in level 1 that are adopted by the market for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices);

Level 3 - Inputs for assets or liabilities that are not based on data adopted by the market (ie, unobservable inputs).

As at June 30, 2020, financial assets measured at fair value and financial liabilities disclosed at fair value were classified in levels 1 and 2 of the fair value hierarchy, see the classification below.

All amounts in millions of reais unless otherwise stated

		rair v	alue measured based on	6/30/2020
			Valuation supported by	
		Prices quoted in an	observable prices	
	Note	active market (Level 1)	(Level 2)	Fair value
Assets				
Cash and cash equivalents		7,920	1,192	9,112
Financial investments		1,647	3,361	5,008
Derivative financial instruments			1,584	1,584
Derivative financial instruments - put option			370	370
Financial instruments - shares			2,965	2,965
		9,567	9,472	19,039
Liabilities				
Borrowing	14	17,893	11,912	29,805
Derivative financial instruments		· ·	2,347	2,347
Confirming payables			1,287	1,287
Deferred revenue - silver streaming			919	919
Leasing			921	921
		17,893	17,386	35,27 9
		Fair v	alue measured based on	12/31/2020
		I dil V	Valuation supported by	12/31/2020
		Prices quoted in an	observable prices	
		•	•	
	Note	active market (Level 1)	(Level 2)	Fair value
Assets	Note	active market (Level 1)	(Level 2)	Fair value
Assets Cash and cash equivalents	Note	active market (Level 1) 3,833	(Level 2) 2,429	
	Note		, ,	6,262
Cash and cash equivalents	Note	3,833	2,429	6,262 4,467
Cash and cash equivalents Financial investments	Note	3,833	2,429 3,075	6,262 4,467 399
Cash and cash equivalents Financial investments Derivative financial instruments	Note	3,833	2,429 3,075 399	6,262 4,467 399 655
Financial investments Derivative financial instruments Derivative financial instruments - put option	Note	3,833	2,429 3,075 399 655	6,262 4,467 399 655 2,749
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option	Note	3,833 1,392	2,429 3,075 399 655 2,749	6,262 4,467 399 655 2,749
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option Financial instruments - shares	Note	3,833 1,392	2,429 3,075 399 655 2,749	6,262 4,467 399 655 2,749 14,532
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option Financial instruments - shares Liabilities		3,833 1,392 5,225	2,429 3,075 399 655 2,749 9,307	6,262 4,467 399 655 2,749 14,532
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option Financial instruments - shares Liabilities Borrowing Derivative financial instruments		3,833 1,392 5,225	2,429 3,075 399 655 2,749 9,307	6,262 4,467 399 655 2,749 14,532 21,082 452
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option Financial instruments - shares Liabilities Borrowing Derivative financial instruments Confirming payables		3,833 1,392 5,225	2,429 3,075 399 655 2,749 9,307 8,068 452	6,262 4,467 399 655 2,749 14,532 21,082 452 1,415
Cash and cash equivalents Financial investments Derivative financial instruments Derivative financial instruments - put option Financial instruments - shares Liabilities Borrowing Derivative financial instruments		3,833 1,392 5,225	2,429 3,075 399 655 2,749 9,307	6,262 4,467 399 655 2,749

All amounts in millions of reais unless otherwise stated

5.1.3 Sensitivity analysis

The main risk factors affecting the pricing of cash and cash equivalents, financial investments, loans and financing and derivative financial instruments are exposure to the fluctuation in the US Dollar, Euro, Turkish Lira, New Peruvian Sun, Argentine Peso and Bolivian interest rates, LIBOR, CDI, US Dollar coupon, commodity prices and electricity purchase and sale contracts. The scenarios for these factors are prepared using both market sources and specialized sources of information, in line with the Company's governance.

The scenarios as at June 30, 2020 are described below:

Scenario I - Considers a shock to the market curves and quotations at June 30, 2020, according to the base scenario defined by management as at September 30, 2020;

Scenario II - Considers a shock of + or - 25% in the market curves at June 30, 2020;

Scenario III - Considers a shock of + or - 50% in the market curves at June 30, 2020.

				Impact	s on profit (loss)				Impacts	on comprehe	nsive income				
					Scenario I	Scena	rios II & III				Scenario I ice	enarios II & III			
Risk factors	Cash and cash equivalents and financial investments (i)	Borrowing and related parties (i)	Derivative financial instruments/As per unit		Changes from 6/30/2020	Results of scenario I	-25%	-50%	+25%	+50%	Results of scenario I	-25%	-50%	+25%	+50%
Foreign exchange rates	,,		•												
USD	7,385	20,543	2,158	USD millions	-1.4%	138	657	1,327	(686)	(1,373)	(255)	3,496	6,991	(3,496)	(6,993)
ARS	152				-9.0%						(14)	(38)	(76)	38	76
ВОВ	30	630			-3.2%						19	150	300	(150)	(300)
CAD	126	417			-2.7%	(3)	(30)	(59)	30	59	11	102	205	(102)	(205)
CLP	3				0.5%							(1)	(2)	1	2
EUR	233	1,242			-20.2%	241	298	596	(298)	(596)	(37)	(46)	(92)	46	92
MAD	148				-1.4%	(2)	(37)	(74)	37	74					
PEN	63	15			1.2%		(9)	(17)	9	17		(3)	(7)	3	7
TND	58				-4.7%	(3)	(15)	(29)	15	29					
TRY	12	72			-3.1%	2	15	30	(15)	(30)					
UYU	19	14			-4.7%							(1)	(2)	1	2
	8,229	22,933	2,158			373	879	1,774	(908)	(1,820)	(276)	3,659	7,317	(3,659)	(7,319)
Interest rates															
BRL - CDI	5.702	4,461	7,622	BRL milhões	-24 bps	278	284	572	(280)	(557)		(5)	(11)	4	6
BRL - IPCA	-,	919	.,	Ditte illinio es	-38 bps	77	4	9	(4)	(9)		(5)	(11)	•	Ü
BRL - TJLP		1,359			-15 bps	10	16	33	(16)	(33)					
USD - LIBOR 3M		2,638	1,307	USD millions	7 bps	(106)	10	1	(1)	(2)		1	2	(1)	(2)
Cupom Dólar		2,030	1,032	USD millions	-46 bps	53	22	46	(22)	(43)	(120)	(61)	(125)	58	114
USD - LIBOR 6M		805	1,032	U3D IIIIIIUIIS	7 bps	(151)					(120)	(01)	(123)	36	114
OSD - LIBOR GIM	5,702	10,182	9,961		7 bps	(151) 161	328	662	(1)	(1) (645)	(120)	(65)	(134)	61	118
		·	· · · · · · · · · · · · · · · · · · ·		_				•	• •	` ′	` '	` '		
Price of commodities															
Zinco			245,873	ton	-5.2%	25	122	244	(122)	(244)	(3)	(16)	(31)	16	31
Alumínio			249,000	ton	-4.5%	25	422	244	(422)	(244)	97	537	1,074	(537)	(1,074)
			494,873			25	122	244	(122)	(244)	94	521	1,043	(521)	(1,043)
Firm Commitment - electric energy															
Purchase and sale contracts - fair value			177	BRL			3	7	(3)	(7)					
			177				3	7	(3)	(7)					

⁽i) The balances presented do not reconcile with the line items "cash and cash equivalents", "short-term investments", "related parties", "loans and financing", as the analysis carried out included only the most significant currencies and rates. Interest rates only include the principal amount.

Credit quality of financial assets

			6/30/2020			12/31/2019
	Local rating	Global rating	Total	Local rating	Global rating	Total
Cash and cash equivalents						
AAA	1,774		1,774	1,563		1,563
AA	1		1	1	446	447
AA-		117	117	416	295	711
A+		3,486	3,486		884	884
A		1,061	1,061		994	994
A-		1,740	1,740		259	259
BBB+		529	529		384	384
BBB		82	82		130	130
BBB-		140	140		102	102
BB+		12	12			
BB					29	29
BB-					9	9
B+		31	31		9	9
B-		19	19		76	76
CCC+		4	4			
CCC		49	49		16	16
CCC-		4	4			
Unrated (i)	1	62	63		649	649
	1,776	7,336	9,112	1,980	4,282	6,262
Financial investments						
AAA	4,116		4,116	3,840		3,840
AA+	89		89	45		45
AA	121		121	74	2	76
AA-	514		514	373	12	385
A+	70	28	98	20	13	33
A-		3	3			
BB-						
B+						
В						
CCC		47	47		36	36
CCC+		12	12			
Unrated (i)	5	3	8	19	4	23
	4,915	93	5,008	4,371	96	4,467
Derivative financial instruments						
AAA	1,426		1,426	377		377
AA					4	4
AA-				7		7
A+		10	10		2	2
Unrated (i)	5		5			
	1,431	153	1,584	384	15	399
Financial instruments						
AAA	2,965		2,965	2,749		2,749
	2,965		2,965	2,749		2,749
	11,087	7,582	18,669	9,484	4,393	13,877

The local and global ratings were obtained from ratings agencies (Standard & Poor's, Moody's and Fitch Ratings). The Company considered the ratings of Standard & Poor's and Fitch Ratings for presentation purposes, and the classification as established in the Company's Financial Policies.

(i) Refers to values invested in offshore banks, which are not rated by any ratings agency.

All amounts in millions of reais unless otherwise stated

Trade receivables

(a) Breakdown

	6/30/2020	12/31/2019
Trade receivables - Brazil	1,403	1,144
Trade receivables - foreign customers	1,810	1,230
Related parties	30	13
	3,243	2,387
Allowance for doubtful accounts	(229)	(191)
	(229)	(191)
	3,014	2,196

(b) Aging of trade receivables

	6/30/2020	12/31/2019
Current	2,596	1,864
Up to three months past due	323	282
Three to six months past due	36	4
Over six months past due	288	237
	3,243	2,387

8 Inventory

	6/30/2020	12/31/2019
Finished products	1,031	862
Semi-finished products	1,773	1,587
Raw materials	861	826
Auxiliary materials and consumables	1,312	995
Imports in transit	141	79
Other	93	173
Provision for inventory losses	(482)	(393)
	4,729	4,129

9 Financial Instruments - shares

	6/30/2020	12/31/2019
Suzano Papel e Celulose S.A.	2,965	2,749
Fair value	216	(183)
Income tax and social contribution	(74)	62
Adjustment to the fair value, net of tax	142	(121)

All amounts in millions of reais unless otherwise stated

10 Taxes recoverable

	6/30/2020	12/31/2019
Corporate Income Tax ("IRPJ") and Social Contribution on Net Income ("CSLL")	1,914	1,826
Social Contribution on Revenue ("COFINS") (i)	1,938	1,963
State Value-added Tax on Sales and Services ("ICMS")	731	695
Social Integration Program ("PIS")	413	400
Value-added Tax ("VAT") (foreign companies)	267	249
Withholding Income Tax ("IRRF")	62	47
State VAT on Sales and Services on PP&E	88	76
Excise Tax ("IPI")	30	31
"IRPJ/CSLL" - " <i>Plano verão</i> "	32	32
Social Security Credit	20	20
Other	197	106
	5,692	5,445
Current	2,043	1,968
Non-current	3,649	3,477
	5,692	5,445

11 Investiments

(a) Breakdown

	Investing entity		Percentage of total capital		Percentage of voting capital	Headquarters	Main activity
	investing entity	6/30/2020	12/31/2019	6/30/2020	12/31/2019	ricadquarters	widin delivity
Main non-consolidated companies	_	.,,		2,23,232			
Associates							
Cementos Avellaneda S.A.	Votorantim Cimentos S.A.	49.00	49.00	49.00	49.00	Argentina	Cement
Alunorte - Alumina do Norte S.A.	Companhia Brasileira de Alumínio	3.03	3.03	3.52	3.52	Brazil	Mining
IMIX Empreendimentos Imobiliários Ltda.	Votorantim Cimentos S.A.	25.00	25.00	25.00	25.00	Brazil	Mining
Mineração Rio do Norte S.A.	Companhia Brasileira de Alumínio	10.00	10.00	12.50	12.50	Brazil	Mining
Supermix Concreto S.A.	Votorantim Cimentos S.A.	25.00	25.00	25.00	25.00	Brazil	Concrete
Cementos Especiales de las Islas S.A.	Votorantim Cimentos S.A.	50.00	50.00	50.00	50.00	Spain	Cement
Joint ventures							
Citrosuco GmbH	Votorantim S.A.	50.00	50.00	50.00	50.00	Austria	Agribusiness
Banco Votorantim S.A.	Votorantim S.A.	50.00	50.00	50.00	50.00	Brazil	Finance
Citrosuco S.A. Agroindústria	Votorantim S.A.	50.00	50.00	50.00	50.00	Brazil	Agribusiness
Juntos Somos Mais Fidelização S.A.	Votorantim Cimentos S.A.	45.00	45.00	45.00	45.00	Brazil	Services
VTRM Energia Participações S.A.	Votorantim Geração de Energia S.A.	50.00	50.00	50.00	50.00	Brazil	Electric power
Hutton Transport Ltda.	Votorantim Cimentos S.A.	25.00	25.00	25.00	25.00	Canada	Transportation
Midway Group, LLC.	Votorantim Cimentos S.A.	50.00	50.00	50.00	50.00	USA	Cement
RMC Leasing, LLC.	Votorantim Cimentos S.A.	50.00	50.00	50.00	50.00	USA	Equipament leasing
Superior Materials Holdings, LLC.	Votorantim Cimentos S.A.	50.00	50.00	50.00	50.00	USA	Cement

All amounts in millions of reais unless otherwise stated

(b) Changes in investees and subsidiaries information

		At March 31, 2020		Equity in the results		Investment balance
	Equity	Profit (loss) for the quarter	1/1/2020 to 3/31/2020	1/1/2019 to 3/31/2019	3/31/2020	12/31/2019
Investments accounted for based on the equity method - Associates		·				
Cementos Avellaneda S.A.(i)	1,297	47	23	70	828	578
Alunorte - Alumina do Norte S.A.	3,359	(159)	(5)	1	102	107
IMIX Empreend. Imobiliários Ltda.	11	3	1	1	3	5
Mineração Rio do Norte S.A.	846	(136)	(13)	3	85	98
Supermix Concreto S.A.	220	(12)	(3)	(1)	55	58
Cementos Especiales De Las Islas, S.A.	242	26	14	11	121	77
Others			(2)	(1)	93	81
Joint ventures	4.000	67	44	2	2.500	2.642
Citrosuco GmbH (i)	4,990	67	11	3	3,599	2,643
Banco Votorantim S.A. (ii)	11,010	378	192	331	5,467	5,383
Citrosuco S.A. Agroindústria (i)	(1,009)	(908)	(473)	(69)	(226)	387
Jaguatirica Empreendimento Imobiliário SPE S.A. (i)	202	4	2	(4)	106	111
Juntos Somos Mais Fidelização S.A.	26	(1)		(1)	12	12
VTRM Energia Participações S.A. (i)	3,837	68	37	(42)	2,056	2,058
Hutton Transport Ltda.	49	5	1	1	24	19
Midway Group, LLC.	66	(4)	(2)	(1)	33	26
RMC Leasing LLC	49				24	15
Superior Materials Holdings, LLC	167	10	5	(2)	83	62
			(212)	304	12,465	11,720

	1/1/2020 a	1/1/2019 a
	30/6/2020	30/6/2019
Opening balance for the semester	11,720	10,882
Equity in the results of investees	(212)	304
Foreign exchange variations	1,156	(87)
Increase	4	116
Dividends	(53)	(209)
Fair value of assets		56
Cash flow hedge	(227)	10
Others	77	23
Closing balance for the semester	12,465	11,095

(i) The following investments consider the goodwill paid on the acquisition of investments and the surplus value, which is amortized in the income statement of the Parent Company:

	Goodwill		Added value	
	6/30/2020	12/31/2018	6/30/2020	12/31/2018
Citrosuco GmbH	153	145	952	718
Citrosuco S.A. Agroindústria	194	194	84	103
Cementos Avellaneda S.A.	192	117		
Jaguatirica Empreendimento Imobiliário SPE S.A.	5	5		
VTRM Energia Participações S.A.			138	141

(ii) On June 30, 2020 the investment included the adjustment to fair value amounting to R\$ 495 (December 31, 2019 - R\$ 495)

12 Property, plant and equipment

(a) Breakdown and changes

										1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
	Land and improvements	Buildings and construction	Machinery, equipment and facilities	Vehicles	Furniture and fittings	Construction in progress	Asset retirement obligation	Leasehold improvements	Other	Total	Total
Opening balance for the semester											
Cost	2,100	11,246	36,839	1,381	236	3,580	1,058	564	548	57,552	54,507
Accumulated depreciation	(67)	(5,014)	(22,888)	(1,041)	(178)		(533)	(335)	(348)	(30,404)	(28,327)
Net opening balance for the semester	2,033	6,232	13,951	340	58	3,580	525	229	200	27,148	26,180
Additions	1		23	9		1,317			1	1,351	1,182
Disposals	(2)	(19)	(16)	(1)						(38)	(25)
Depreciation	(3)	(223)	(857)	(46)	(7)		(22)	(15)	(1)	(1,174)	(1,085)
Foreign exchange variation	258	607	1,625	81	7	339	87	61	10	3,075	(173)
Effect of subsidiaries included in consolidation (i)	1	31	161	7	2	13				215	39
Reversal (constitution) for impairment (ii)	(40)	(192)	(209)			(231)	(56)			(728)	14
Revision of estimated cash flow											(11)
Reclassification to assets classified as held-for-sale	(1)	(1)	(4)							(6)	
Transfers (iii)	28	157	579	72	2	(860)		11		(11)	(91)
Closing balance for the semester	2,275	6,592	15,253	462	62	4,158	534	286	210	29,832	26,030
Cost	2,345	12,704	43,379	1,738	283	4,158	1,268	733	559	67,167	55,040
Accumulated depreciation	(70)	(6,112)	(28,126)	(1,276)	(221)		(734)	(447)	(349)	(37,335)	(29,010)
Net closing balance for the semester	2,275	6,592	15,253	462	62	4,158	534	286	210	29,832	26,030
Average annual depreciation rates - %	1	4	9	20	11		5	9			

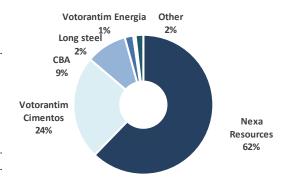
- (i) Refers mainly to the acquisition of Arconic Indústria e Comércio de Metais Ltda Note 1.1 (a).
- (ii) The impacts related to impairment refer to the subsidiaries Nexa and VCSA Note 1.1 (h).
- (iii) The transfers include the reclassification of "works in progress" to other classes of the group of fixed assets, as well as "exploration rights over natural resources" and "softwares" of intangible assets.

All amounts in millions of reais unless otherwise stated

(b) Construction in progress

The balance is composed mainly of expansion and optimization projects related to industry.

Segment	6/30/2020	12/31/2019
Nexa Resources	2,588	2,123
Votorantim Cimentos	998	849
CBA	394	448
Long steel	81	60
Votorantim Energia	23	23
Other	74	77
	4,158	3,580



The main projects in progress by business segment were as follows:

Nexa Resources	6/30/2020	12/31/2019
Expansion and modernization projects	1,731	1,403
Sustaining	584	460
Security, health and enviroment projects	222	213
Information technology	49	45
Other	2	2
	2,588	2,123

Votorantim Cimentos	6/30/2020	12/31/2019
Sustaining	327	282
Modernization industry	128	115
Cement grinding - Pecém - Brazil	136	76
New production line in Sobral - CE	72	72
New lines of co-processing	52	51
Hardware and software	48	33
Environment and security	34	25
Geology and mining rights	46	28
Other	155	167
	998	849

All amounts in millions of reais unless otherwise stated

CBA	6/30/2020	12/31/2019
Rondon Bauxite projects	120	118
Furnace refurbishment	69	111
Alumina factory project	65	44
Casting Projects	32	27
Revitalization and adequacy of power plant	32	24
Mining projects	22	22
Plastic transformation and foundry projects	13	21
Project safety, health and environment	14	19
Furnace rooms project	7	18
Other	52	44
	394	448
_	334	445
Long steel	6/30/2020	12/31/2019
Sustaining	68	53
Security projects, health and environment projects - Colombia	8	3
Other	5	4
	81	60
Energy	6/30/2020	12/31/2019
Corumba - GO projects	21	20
Information technology	2	2
Change of cornerate center CD		1
Change of corporate center - SP		

1/1/2020 to

1/1/2019 to

Em milhões de reais, exceto quando indicado de outra forma

13 Intangible assets

(a) Breakdown and changes

									6/30/2020	6/30/2019
	Rights over natural resources	Goodwill	Asset retirement obligation	Use of public assets	Contracts, customer relationships and agreements	Software	Rights over trademarks and patents	Other	Total	Total
Opening balance for the semester										
Cost	10,263	6,008	457	540	310	602	206	1,003	19,389	18,270
Accumulated amortization	(4,587)		(157)	(217)	(227)	(429)	(53)	(436)	(6,106)	(4,929)
Net opening balance for the semester	5,676	6,008	300	323	83	173	153	567	13,283	13,341
Additions		1						6	7	8
Disposals						(4)			(4)	(2)
Amortization and depletion	(172)		(12)	(10)	(12)	(33)		(3)	(242)	(294)
Foreign exchange variation	1,556	1,976	49		23	15	2	222	3,843	(140)
Effect of subsidiaries included in						5			5	25
Impairment (i)	(508)	(1,191)				(1)			(1,700)	1
Transfers	13					28		(6)	35	91
Closing balance for the semester	6,565	6,794	337	313	94	183	155	786	15,227	13,030
Cost	13,533	6,794	544	540	415	715	216	1,425	24,182	18,196
Accumulated amortization	(6,968)		(207)	(227)	(321)	(532)	(61)	(639)	(8,955)	(5,166)
Net closing balance for the semester	6,565	6,794	337	313	94	183	155	786	15,227	13,030
Average annual amortization and depletion rates - $\%$	6		5	7	7	20				

- (i) The impacts related to impairment refer to the subsidiaries Nexa and VCSA Note 1.1 (h).
- (ii) Transfers include the reclassification of "works in progress" to other classes of the group of fixed assets, as well as "exploration rights over natural resources" and "Softwares" of intangible assets.

14 Borrowing

(a) Breakdown and fair value

			Current		Non-current		Total		Fair value
Туре	Average annual charges	6/30/2020	12/31/2019	6/30/2020	12/31/2019	6/30/2020	12/31/2019	6/30/2020	12/31/2019
Local currency									
Debentures	110.18% CDI / IPCA + 3.80%	69	424	2,547	2,287	2,616	2,711	2,367	2,678
Export credit notes	112.09% CDI	495	8	1,824	1,078	2,319	1,086	2,175	1,081
BNDES	TJLP + 2.33% / 0.67% Pré BRL / SELIC + 3.01% / IPCA + 5.00%	88	97	662	641	750	738	681	720
Development promotion agency	10.00% Pré BRL / TJLP + 0.65%	7	7	20	23	27	30	27	32
FINAME	4.62% Pré BRL	16	17	35	43	51	60	50	59
Syndicated loan/bilateral agreements	8.49 % Pré BRL	14		512		526		466	
Other		33	29	24	29	57	58	56	59
		722	582	5,624	4,101	6,346	4,683	5,822	4,629
Foreign currency									
Eurobonds - USD	6.10% Pré USD	1,489	137	14,028	10,156	15,517	10,293	16,212	11,550
Eurobonds - EUR	3.50% Pré EUR	37	26	1,198	1,576	1,235	1,602	1,252	1,682
Loans - Law 4131/1962 (i)	Libor + 0.66% / 1.65% Pré USD	3	2	1,338	905	1,341	907	1,340	907
Eurobonds - BOB	5.38% Pré BOB	1	1	428	315	429	316	429	316
Syndicated loan/bilateral agreements	3.73% Pré BOB / 1.81% Pré CAD / 15.09% Pré TRY/ 13.09% Pré UYU / 5.55% Pré BOB	48	22	2,923	358	2,971	380	3,102	394
Export prepayments	Libor + 1.27%	110		438	799	548	799	562	823
Working capital	IBR + 4.02% / 6.90% Pré COP / 0.98% Pré PEN	327	146	14		341	146	348	146
Development promotion agency	Libor + 1.10%	42	31	212	171	254	202	263	210
Other		10	7	466	420	476	427	475	425
		2,067	372	21,045	14,700	23,112	15,072	23,983	16,453
		2,789	954	26,669	18,801	29,458	19,755	29,805	21,082
Current portion of long-term borrowing		1,688	562						
Interest on borrowing		317	236						
Short-term borrowing		784	156						
Short term borrowing		2,789	954						
		2,733	334						

All amounts in millions of reais unless otherwise stated

- (i) Some loan contracts in the form of Export Credit Note are aimed at financing export-related operations and have linked swap contracts (derivative financial instrument), which aim to exchange exposure to the floating rate CDI in reais for pre-tax rate -fixed in American dollars.
- Loans related to Law 4,131 / 1962 have swaps (derivative financial instruments) aimed at both the exchange of floating rates in LIBOR and pre-fixed to floating rates in CDI, as well as the exchange in currency in dollars for reais. These swaps were contracted with the financial institution in conjunction with the loan (dollar-denominated debt + swap to reais in% of CDI). The terms and conditions of the loan and derivative are configured as a matched operation, so that economically the result is a debt in% of the CDI in reais. The difference in measurement between the two instruments (loan at amortized cost x derivative at fair value) generates an "accounting mismatch" in the result and, to eliminate this effect, contracts made as of August 2015 were designated as "fair". value ", the effect of this designation being the measurement of debt at fair value through profit or loss as per note 20.

Key:

BNDES - National Bank for Economic and Social Development.

BRL - National currency (real).

BOB - Bolivian Peso.

CAD - Canadian Dollar

CDI - Interbank Deposit Certificate.

COP - Colombian Peso.

EUR - European Union currency (euro).

FINAME - Financing Fund for the Purchase of Industrial Machines and Equipment.

IBR - Inter-Bank Rate (Colombia).

IPCA - Broad Consumer Price Index.

LIBOR - London Interbank Offered Rate.

PEN - New Peruvian sun

SELIC - Special Settlement and Custody System.

TJLP - Long Term Interest Rate, fixed by the National Monetary Council. Until December 2017, the TJLP was the basic cost of BNDES financing. As of January 2018, the Long Term Rate (TLP) became the main financial cost of BNDES financing.

TRY - Turkish Lira

USD - United States dollar.

UYU - Uruguayan Peso.

(b) Changes

	1/1/2020 to	1/1/2019 to
	6/30/2020	6/30/2019
Opening balance for the semester	19,755	24,451
New borrowing	9,407	2,299
Interest	660	588
Addition of borrowing fees, net of amortization	(9)	13
Fair value adjustment	(194)	
Foreign exchange variation	5,253	(335)
Payments - interest	(609)	(645)
Payments - principal	(4,805)	(6,894)
Others		(6)
Closing balance for the semester	29,458	19,471

(c) New borrowing and amortizations

Through the funding and prepayment of certain debts, the Company seeks to extend the average maturities, as well as to balance the exposure to different currencies for loans and financing against cash generation in these currencies.

New borrowing

Date	Company	Туре	Currency	Principal	Principal BRL	Maturity	Cost
Jan-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	USD	(20)	(81)	2024	LIBOR 03M + 1%
Jan-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	CAD	(25)	(78)	2024	CDOR 03M + 1%
Jan-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	USD	(15)	(63)	2024	LIBOR 03M + 1%
Feb-20	Companhia Brasileira de Aluminio	Export Credit Note (i)	BRL	(250)	(250)	2029	4.25% Pré
Mar-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(252)	(252)	2025	134.2% CDI
Mar-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(250)	(250)	2021	CDI + 3.71%
Mar-20	Nexa Resources Peru S.A.A.	Syndicated loan/bilateral agreements (ii)	BRL	(477)	(477)	2025	2.45% Pre
Mar-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	USD	(20)	(102)	2024	LIBOR 01M + 1%
Mar-20	Votorantim Cimentos S.A.	Loans - Law 4131/1962 (iii)	USD	(50)	(249)	2025	110.8% CDI
Mar-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(245)	(245)	2022	CDI + 1.80%
Mar-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(500)	(500)	2021	CDI + 4.20%
Mar-20	Votorantim Cimentos Internacional	Syndicated loan/bilateral agreements	USD	(60)	(304)	2024	LIBOR 03M + 1%
Mar-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	CAD	(28)	(100)	2024	CDOR 01M + 1%
Mar-20	St Marys Cement Inc.	Syndicated loan/bilateral agreements	USD	(30)	(152)	2024	LIBOR 01M + 1%
Mar-20	Votorantim Cimentos Internacional	Syndicated loan/bilateral agreements	USD	(46)	(237)	2024	LIBOR 03M + 1%
Apr-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(230)	(230)	2021	CDI + 3.90%
Apr-20	Nexa Resources	Syndicated loan/bilateral agreements	USD	(300)	(1,555)	2024	LIBOR 03M + 1%
Apr-20	Acerías Paz Del Río, S.A.	Working capital	COP	(50,000)	(66)	2021	6.88% Pre
May-20	Votorantim Cimentos EAA Inversiones S.L.	Syndicated loan/bilateral agreements	USD	(200)	(1,180)	2023	LIBOR 03M + 1%
Jun-20	Nexa Resources	Eurobonds	USD	(500)	(2,673)	2028	6.50% Pré

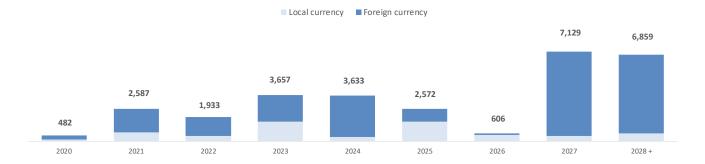
- (i) The export credit note modality has a fixed rate in US dollars, as described in item (a).
- (ii) Syndicated and bilateral loans have a fixed rate in US dollars, as described in item (a).
- (iii) The 4131 method has a floating rate in CDI, as described in item (a).

All amounts in millions of reais unless otherwise stated

Amortizations

Date	Company	projects	Currency	Principal	Principal BRL	Maturity	Observation
Feb-20	Votorantim Cimentos S.A.	Debentures	BRL	(113)	(113)	2025	Fixed
Feb-20	Nexa Resources Peru S.A.A.	Eurobonds	USD	(215)	(952)	2023	Fixed
Mar-20	Votorantim Cimentos Internacional	Syndicated loan/bilateral agreements	USD	(19)	(115)	2024	Fixed
Jun-20	Votorantim Cimentos Internacional	Eurobonds	EUR	(154)	(887)	2021	Fixed
Jun-20	Nexa Resources	Pre payment export	USD	(100)	(535)	2023	Fixed
Jun-20	Nexa Resources	Syndicated loan/bilateral agreements	USD	(300)	(1,567)	2024	Fixed
Jun-20	Nexa Recursos Minerais S.A.	Export Credit Note	BRL	(500)	(500)	2021	Fixed

(d) Maturity



(e) Breakdown by currency

		Current		Non-current		Total
	6/30/2020	12/31/2019	6/30/2020	12/31/2019	6/30/2020	12/31/2019
USD	1,650	174	18,759	12,597	20,409	12,771
Real	722	582	5,624	4,101	6,346	4,683
Euro	37	25	1,198	1,576	1,235	1,601
Boliviano	6	2	624	459	630	461
Turkish lire	30	34	41	42	71	76
Colombian peso	320	132			320	132
Other	24	5	423	26	447	31
	2,789	954	26,669	18,801	29,458	19,755

(f) Breakdown by index

		Current		Non-current		Total
	6/30/2020	12/31/2019	6/30/2020	12/31/2019	6/30/2020	12/31/2019
Local currency						
CDI	559	431	3,847	2,848	4,406	3,279
TJLP	67	73	223	238	290	311
TLP	28	30	340	312	368	342
Fixed rate	42	28	576	74	618	102
SELIC	17	20	112	114	129	134
IPCA	9		526	515	535	515
	722	582	5,624	4,101	6,346	4,683
Foreign currency						
Fixed rate	1,811	251	16,563	12,262	18,374	12,513
LIBOR	160	36	4,482	2,438	4,642	2,474
Other	96	85			96	85
	2,067	372	21,045	14,700	23,112	15,072
	2,789	954	26,669	18,801	29,458	19,755

(f) Collateral

On June 30, 2020, the Company guaranteed or provided guarantees for the following loans and financing.

Subsidiary	6/30/2020	12/31/2019
Companhia Brasileira de Alumínio	1,172	955
Votorantim Cimentos International S.A.	3,399	2,502
Votorantim S.A.	1,336	983
Others	16	16
Total	5,923	4,456

In addition to these guarantees, the Company guarantees the amount of R\$ 1,998 of the joint venture VTRM Energia e Participações S.A. (as at December 31, 2019, R\$ 1,403).

As at June 30, 2020, R\$ 656 (December 31, 2019, R\$ 895) was guaranteed by property, plant and equipment liens on the financial assets

(h) Covenants and financial ratios

Certain loan and financing agreements are subject to compliance with certain financial ratios (covenants). When applicable, these obligations are standardized for all loan and financing contracts.

The Company and its subsidiaries met all the conditions established in the loan and financing contractual clauses, considering the obtaining of waivers by the subsidiary Nexa in order to correct the leverage ratio or to prepay debts linked to these covenants. Therefore, there is no possibility that a counterparty will require payment of outstanding debts or default on other debt contracts.

15 Current and deferred income tax and social contribution

(a) Reconciliation of Corporate Income Tax ("IRPJ") and Social Contribution on Net Income ("CSLL") expenses

The income tax and social contribution amounts presented in the statements of income for the period ended June 30, 2020, are reconciled with their Brazilian standard rates as follows:

	1/1/2020 to	1/1/2019 to
	6/30/2020	6/30/2019
Profit (loss) before income tax and social contribution	(4,417)	7,124
Standard rates	34%	34%
Income tax and social contribution at standard rates	1,502	(2,422)
Adjustments for the calculation of income tax and social contribution at effective rates		
Equity	(72)	103
Differential rate of foreign companies	(142)	53
Tax loss carryforward and non-deferred tax base	(140)	(206)
Asset impairment without constitution of deferred charges	(68)	
Goodwill impairment without constitution of deferred charges (i)	(338)	
Constitution of deferred charges on exchange differences on property, plant and equipment	(122)	8
Deferred charges impairment	(166)	
Other additions, net	(125)	(6)
Income tax and social contribution calculated	329	(2,470)
Current	(229)	(1,296)
Deferred	558	(1,174)
Income tax and social contribution expenses	329	(2,470)
Effective rate - %	7%	35%

⁽i) Refers to goodwill impairment of subsidiary Nexa, as mentioned in note 1.1 (h)

All amounts in millions of reais unless otherwise stated

(b) Breakdown of deferred tax balances

	6/30/2020	12/31/2019
Tax credits on tax losses	2,604	2,371
Tax credits on temporary differences		
Estimation for losses on investments, fixed and intangible assets	1,331	1,011
Foreign exchange gains	791	278
Deferred of losses on derivative instruments	674	343
Tax, civil and labor provision	621	597
Tax benefit on goodwill	503	504
Asset retirement obligation	207	178
Use of public assets	146	149
Estimation for inventory losses	121	93
Environmental liabilities	98	109
PPR - Provision for profit sharing	82	129
Provision for loan	66	74
Provision for social security obligations	60	48
Financial instruments - firm commitment	60	50
Provision for energy charges	56	54
Estimated asset disposals	3	3
Other tax credit	281	168
Tax debits on temporary differences		
Adjustment of useful lives of PP&E (depreciation)	(2,315)	(1,981
Market value Milpo	(1,533)	(1,162
Adjust the fair value in the Suzano transaction	(622)	(549
Goodwill amortization	(343)	(299
Market value assets	(223)	(182
Adjustment to present value	(221)	(179
Capitalized interest	(148)	(206
Fair value adjustments	(53)	(34
Other tax debits	(416)	(313
Net	1,830	1,254
Net deferred tax assets related to the same legal entity	4,276	3,341
Net deferred tax liabilities related to the same legal entity	(2,446)	(2,087

(c) Effects of deferred income tax and social contribution on the profit for the period and comprehensive income

	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
Opening balance for the semester	1,254	1,880
Effects on the results for the semester - continuing operations	558	(1,174)
Deferred income tax and social contribution - financial instruments	441	1
Effects of foreign exchange variations in other comprehensive income	(323)	40
Others	(100)	154
Closing balance for the semester	1,830	901

All amounts in millions of reais unless otherwise stated

16 Provision

(a) Breakdown and changes

						1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
				Leg	al claims		
	Asset						
	retirement						
	obligation	Tax	Labor	Civil	Other	Total	Total
Opening balance for the semester	1,801	878	176	252	30	3,137	2,595
Additions		14	81	18	19	132	267
Reversals		(10)	(41)	(6)	(7)	(64)	(117)
Judicial deposits, net of write-offs		6	(7)			(1)	81
Settlement in cash	(23)	(1)	(28)	(6)		(58)	(65)
Settlements with escrow deposits		(3)	(1)			(4)	(136)
Present value adjustment	46					46	34
Monetary restatement		10	1	3		14	42
Foreign exchange variation	279	5	5	2	6	297	13
Revision of estimated cash flow							(7)
Closing balance for the semester	2,103	899	186	263	48	3,499	2,707

(b) Provision for tax, civil, labor, other contingencies and outstanding judicial deposits

				6/30/2020				12/31/2019
	Judicial			Outstanding judicial	Judicial			Outstanding judicial
	deposits	Provision	Net amount	deposits (i)	deposits	Provision	Net amount	deposits (i)
Tax	(123)	1,022	899	158	(129)	1,007	878	182
Labor	(117)	303	186	44	(110)	286	176	46
Civil	(21)	284	263	11	(21)	273	252	108
Other	(1)	49	48	18	(1)	31	30	9
	(262)	1,658	1,396	231	(261)	1,597	1,336	345

(i) The Company and its subsidiaries have balances deposited in lawsuits classified by Management, following the indications of the legal advisors of the Company and its subsidiaries as of remote or possible loss, therefore, without the respective provision.

(c) Litigation in process with a likelihood of loss considered possible

The Company and its subsidiaries were a party to litigations representing a risk of possible losses, for which no provision has been made, as detailed below.

	6/30/2020	12/31/2019
Tax	11,634	11,671
Civil	7,749	7,900
Environmental	624	612
Labor and social security	337	276
	20,344	20,459

17 Equity

(a) Share capital

On June 30, 2020 and December 31, 2019, the fully subscribed and paid-up share capital of the Company was R\$ 28,656, consisting of 18,278,789 thousand common shares.

(b) Dividends

During the first half of 2020, the Company deliberated to its parent company Hejoassu Administração S.A., the amount of R\$ 401 corresponding to dividends related to part of the balance of the "Profit reserves" account accumulated up to December 31, 2019.

(c) Carrying value adjustments

						Attrib	utable to the owners o	f the Company
	Currency translation of investees located abroad	Hedge accounting for net investments abroad, net of taxes	Hedge accounting for the operations of subsidiaries, net of taxes	Fair value of available- for-sale financial assets	Shares fair value	Remeasurement of retirement benefits	Other comprehensive income	Total
At January 1, 2019	6,545	(5,106)	40	192		(47)	313	1,937
Currency translation of investees located abroad	(138)							(138)
Hedge accounting for net investments abroad, net of taxes		106						106
Hedge accounting for the operations of subsidiaries, net of taxes			(51)					(51)
Fair value of available-for-sale financial assets of non-consolidated investments				55				55
Remeasurement of retirement benefits						(4)		(4)
Adjustment for hyperinflationary economies							72	72
Adjustment to the fair value of shares, net of tax effects					(305)			(305
Loss on investee's capital contribution							(63)	(63)
Realization of other comprehensive results in the sale of investments	(124)						(14)	(138
	(103)	22	(16)			(7)	104	
At June 30, 2019	6,180	(4,978)	(27)	247	(305)	(58)	412	1,471
At January 1, 2020	6,415	(4,992)	(15)	235	(121)	(187)	613	1,948
Currency translation of investees located abroad	3,998							3,998
Hedge accounting for net investments abroad, net of taxes		(403)						(403
Hedge accounting for the operations of subsidiaries, net of taxes			(816)					(816
Fair value of available-for-sale financial assets of non-consolidated investments				(2)				(2)
Adjust the fair value of the shares, net of the tax					142			142
Remeasurement of retirement benefits						14		14
Adjustment for hyperinflationary economies							122	122
Fair value - measurement of credit risk							137	137
At June 30, 2020	10,413	(5,395)	(831)	233	21	(173)	872	5,140

All amounts in millions of reais unless otherwise stated

18 Net revenue from products sold and services rendered

	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
Gross revenue				
Sales of products - domestic market	3,583	3,909	7,321	7,592
Sales of products - foreign market	4,219	4,181	7,432	7,434
Supply of electrical energy	645	731	1,461	1,442
Services provided	153	143	292	269
	8,600	8,964	16,506	16,737
Taxes on sales, services and other deductions	(1,038)	(1,111)	(2,115)	(2,164)
Net revenue	7,562	7,853	14,391	14,573

19 Expenses by nature

				1/1/2020 to	1/1/2019 to
				6/30/2020	6/30/2019
	Cost of products				
	sold and services		General and		
	rendered (i)	Selling	administrative	Total	Total
Raw materials, inputs and consumables	7,156	10	1	7,167	7,629
Employee benefit expenses (a)	1,674	201	600	2,475	2,011
Depreciation, amortization and depletion	1,460	24	65	1,549	1,491
Transportation expenses	1,024	25		1,049	924
Outsourced services	706	36	283	1,025	905
Other expenses	579	135	199	913	836
	12,599	431	1,148	14,178	13,796

				4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019
	Cost of products			., ,	., ,
	sold and services		General and		
	rendered (i)	Selling	administrative	Total	Total
Raw materials, inputs and consumables	3,824	5		3,829	4,323
Employee benefit expenses (a)	987	95	284	1,366	978
Depreciation, amortization and depletion	748	12	33	793	762
Transportation expenses	513	14		527	477
Outsourced services	332	17	131	480	464
Other expenses	127	64	120	311	208
	6,531	207	568	7,306	7,212

(i) The subsidiary Nexa recognized idle costs in the amount of R \$ 374, due to the stoppage in Peru and the 40% reduction in production due to low demand. The subsidiary CBA also recognized a cost of idleness, in the amount of R\$ 15.

(a) Employee benefit expenses

4/1/2020 to	4/1/2019 to	1/1/2020 to	1/1/2019 to
6/30/2020	6/30/2019	6/30/2020	6/30/2019
841	613	1,511	1,231
359	231	641	486
166	134	323	294
1,366	978	2,475	2,011
	6/30/2020 841 359 166	6/30/2020 6/30/2019 841 613 359 231 166 134	6/30/2020 6/30/2019 6/30/2020 841 613 1,511 359 231 641 166 134 323

20 Other operating expenses, net

	Note	4/1/2020 to 6/30/2020	4/1/2019 to 6/30/2019	1/1/2020 to 6/30/2020	1/1/2019 to 6/30/2019
Gain on purchase of CBA Itapissuma	1.1 (a)	(13)		151	
Financial instrument - firm commitment		(37)	(30)	(3)	(80)
Tax benefits		29	15	55	57
Net income from waste sale		15	15	32	27
Income from rentals and leasing		15	16	27	30
Tax recovery		103	154	105	551
Gain on investment sale		22	(3)	22	6,719
Gain (loss) on sale of fixed and intangible assets, net		(6)	33	(6)	31
Royalties on natural resources		(15)	(7)	(42)	(22)
Judicial provisions, net		(47)	(86)	(95)	(179)
Hedge gain		18	(3)	(34)	18
Expenses on not activatable projects		(49)	(118)	(119)	(194)
Reversal for impairment of investments, fixed and intangible assets (i)	12 and 13	(274)	6	(2,428)	15
Other income (expenses), net		26	(122)	26	(109)
		(213)	(130)	(2,309)	6,864

- (i) Refers to the acquisition by the subsidiary CBA, according to note 1.1 (a)
- (ii) Refers, substantially, to the recognition of the ICMS exclusion processes from PIS / COFINS.
- (iii) The constitution of impairment refers to the subsidiaries Nexa and VCSA, as per note 1.1 (h).

21 Finance results, net

		4/1/2020 to	4/1/2019 to	1/1/2020 to	1/1/2019 to
	Note	6/30/2020	6/30/2019	6/30/2020	6/30/2019
Finance income					
Interest on financial assets		111	77	128	293
Income from financial investments		58	112	131	244
Fair value of borrowing		31		55	33
Monetary updating of assets		7	10	53	21
Reversal of monetary restatement of provision		6	24	11	34
Discounts obtained		5	4	9	10
Other finance income	_	24	6	29	9
	_	242	233	416	644
Finance costs					
Interest on borrowing		(375)	(299)	(667)	(600)
Capitalization of borrowing costs		10	11	24	19
Award paid in bond buyback (tender offer)		(39)	(40)	(103)	(212)
Monetary restatement of provision		(21)	(82)	(47)	(130)
Fair value of borrowing and financing		(29)	(18)	(97)	(59)
Borrowing fees		(26)	(21)	(36)	(52)
Interest and monetary restatement - use of public assets		(40)	(32)	(65)	(62)
Interest on anticipation of receivables			(25)	(8)	(50)
Adjustment to present value CPC 12		(31)	(22)	(58)	(46)
"PIS/COFINS" on financial results		(13)	(10)	(27)	(32)
Income tax on remittances of interest abroad		(12)	(20)	(15)	(31)
Interest on silver streaming		(8)	(7)	(15)	(13)
Interest on related-party transactions		(1)	(4)	(1)	(4)
Other finance costs	_	(98)	(98)	(160)	(182)
	_	(683)	(667)	(1,275)	(1,454)
Results of derivative financial instruments	5.1.1				
Revenue		125	44	470	83
Expenses	_	(99)	(144)	(463)	(242)
		26	(100)	7	(159)
Foreign exchange variation, net	_	(157)	59	(1,257)	40
Finance results, net	_	(572)	(475)	(2,109)	(929)

22 Supplementary information – Business segments

In order to provide a higher level of information, the Company opted to disclose financial information by business segments, considering the elimination of balances and transactions between companies in the same segment, before: (i) the eliminations between business segments; and (ii) the elimination of investments held by holding companies. Additionally, the eliminations and reclassifications between the companies are highlighted, so that the net result corresponds to the consolidated financial information of the VSA, disclosed as supplementary information.

These segments refer to subsidiaries and affiliates in which the Company has investments: Votorantim Cimentos (building materials), Nexa Resources (metals and mining), CBA (aluminum), Votorantim Energia (energy) and Aços Longos. The agribusiness and finance segments are recognized by the equity method.

This supplementary information is not intended to be in accordance with and is not required by accounting practices adopted in Brazil or by IFRS.

(a) Capital management

The financial leverage ratios are calculated according to the information of the industrial segments, considering the accumulated results for 12 months, as loan covenants, and are summarized as follow:

Adjusted EBITDA (unreviewed) Note 6/30/200 1/31/2019 to 6/30/2019 to 6/30/200 1/31/2019 to 6/30/2019 to 6/30/200 1/31/2019 to			Indus	trial coamonts
Adjusted EBITDA (unreviewed) Note 6/30/2020 12/31/2019 Net income (loss) for the semester (3,781) 4,925 Plus Continuing operations Equity in the results of investees (397) (1,022) Net financial results (398) 1,624 Income and social contribution taxes (630) 2,168 Dependation, amortization and depletion 3,125 3,067 Discontinued operations 3 3 3 Income and social contribution taxes 6 6 6 8 3 <th< th=""><th></th><th><u> </u></th><th></th><th></th></th<>		<u> </u>		
Net income (loss) for the semester (3,781) 4,925 Plus (less): Continuing operations 3 (1,022) Equity in the results of investees (397) (1,022) (1,012) (1,012) (1,012) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) (1,014) <	Adjusted FBITDA (unreviewed)	Note		
Plus (less): Continuing operations Equity in the results of investees (397) (1,022) Net financial results 2,803 1,624 Income and social contribution taxes (630) 2,168 Depreciation, amortization and depletion 3,125 3,067 Discontinued operations Net financial results 3 3 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: 1 10,797 65 Extraordinary items 20 2 2 EBITDA - discontinued operations 20 2 2 Gain on sale of investments, net (6,719) (6,719) Impairment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt 14 29,458 19,755 Lease liabilities 921 841				
Equity in the results of investees (397) (1,022) Net financial results 2,803 1,624 Income and social contribution taxes (630) 2,168 Depreciation, amortization and depletion 3,125 3,067 Discontinued operations Net financial results (3) (3) Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: 5 5 Extraordinary items 6 6 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other 1,358 5,120 Net debt 4,358 5,120 Net debt 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Plus (less):		, ,	,
Net financial results 2,803 1,624 Income and social contribution taxes (630) 2,168 Depreciation, amortization and depletion 3,125 3,067 Discontinued operations Net financial results 38 38 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: Dividends received 67 65 Extraordinary items 20 2 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982 <td>Continuing operations</td> <td></td> <td></td> <td></td>	Continuing operations			
Income and social contribution taxes (630) 2,168 Depreciation, amortization and depletion 3,125 3,067 Discontinued operations Net financial results 38 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: 5 5 Dividends received 67 65 Extraordinary items 20 2 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982			(397)	(1,022)
Depreciation, amortization and depletion 3,125 3,067 Discontinued operations 38 Net financial results 38 38 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: Colspan="2">Colspan="	Net financial results		2,803	1,624
Discontinued operations Net financial results 38 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: 5 Dividends received 67 65 Extraordinary items 20 2 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impairment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Income and social contribution taxes		(630)	2,168
Net financial results 38 Income and social contribution taxes (3) (3) EBITDA before other additions and exceptional items 1,117 10,797 Plus: Dividends received 67 65 Extraordinary items EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Depreciation, amortization and depletion		3,125	3,067
Income and social contribution taxes	Discontinued operations			
EBITDA before other additions and exceptional items 1,117 10,797 Plus: Dividends received 67 65 Extraordinary items 20 2 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Net financial results			38
Plus: Dividends received 67 65 Extraordinary items 80 2 EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Income and social contribution taxes	_	(3)	(3)
Dividends received 67 65 Extraordinary items EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	EBITDA before other additions and exceptional items		1,117	10,797
Extraordinary items EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Plus :			
EBITDA - discontinued operations 20 2 Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Dividends received		67	65
Gain on sale of investments, net (6,719) Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Extraordinary items			
Impaiment of property, plant, equipment and intangible assets 3,166 723 Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt 5 5 120 Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	EBITDA - discontinued operations		20	2
Other (12) 252 Adjusted annualized EBITDA (A) 4,358 5,120 Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Gain on sale of investments, net			(6,719)
Adjusted annualized EBITDA (A) 4,358 5,120 Net debt	Impaiment of property, plant, equipment and intangible assets		3,166	723
Net debt Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Other		(12)	252
Borrowing 14 29,458 19,755 Lease liabilities 921 841 Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Adjusted annualized EBITDA (A)		4,358	5,120
Lease liabilities921841Cash and cash equivalents, financial investments and derivative financial instruments(13,302)(10,614)Net debt (B)17,0779,982	Net debt			
Cash and cash equivalents, financial investments and derivative financial instruments (13,302) (10,614) Net debt (B) 17,077 9,982	Borrowing	14	29,458	19,755
Net debt (B) 17,077 9,982	Lease liabilities		921	841
	Cash and cash equivalents, financial investments and derivative financial instruments	_	(13,302)	(10,614)
Gearing ratio (B/A) 3.92 1.95	Net debt (B)		17,077	9,982
	Gearing ratio (B/A)	_	3.92	1.95

(a) Balance sheet - business segments

Cash and cash equivalents, financial investments												6/30/202
Ciment C									,			
Current Cash and cash equivalents, financial investments and derivative financial instruments 4,273 5,064 692 241 213 3,787 14,270 55 1766 17	Accete			CBA			_	Eliminations			Eliminations	Tota consolidate
Cash and cash equivalents, financial inestments 4,273 5,064 692 241 213 3,787 14,270 55 7174 7184 7185 751 535 415 276 76 (194) 3,014 7185 718		Cimentos	Resources	CBA		Energia	other	Eliminations	segments	Finanças	Eliminations	Consolidate
Additional instruments A,773 5,064 692 241 213 3,787 14,270 55 Trade receivables 1,155 751 535 415 276 76 (194) 3,014 Inventory 1,995 1,071 1,162 499 2 2 4,729 Takes recoverable 513 415 365 102 6 50 181 (176) 86 37 Takes recoverable 10 6 65 181 (176) 86 37 Takes recoverable 10 182 183 44 49 13 60 531 Assets classified as held-for-sale 9 7,484 2,804 1,306 604 4,636 (343) 24,628 177 Non-current assets 1,024 2,804 1,306 604 4,636 (343) 24,628 177 Non-current assets 1,024 288 67 2,965 2,965 Financial instruments - Suxano 1,692 538 1,170 15 2,965 2,965 Defrivative financial instruments - Fundaments - Use -												
Trade receivables 1,155		4 272	E 064	602	2/11	212	2 707		14 270	55		14,32
Investmentory 1,995								(104)		33		3,01
Takes recoverable		,				270		(154)	,			4,72
Dividends receivable 10 6 65 181 176 86 37						6		27		OE.		2,04
Second			413		102				,			2,0
Section Sect		10		6			101	(176)		5/		1.
Assets classified as held-for-sale 8,128 7,484 2,804 1,306 604 4,636 (343) 24,619 177 Non-current assets Long-term receivables Financial investments and derivative financial instruments - Suzano Derivative financial instruments - Put option Taxes recoverable Related parties 32 4 17 1,024 28 67 2,965		107	100	44	40		60					5
Assets classified as held-for-sale 9 9 9 8,137 7,484 2,804 1,306 604 4,636 (343) 24,628 177 Non-current assets Long-term receivables Financial instruments and derivative financial instruments - Suzano Derivative financial instruments - Put option Taxes recoverable 1,692 538 1,170 15 261 (27) 3,649 Related parties 32 4 17 87 328 (213) 255 Deferred income tax and social contribution 403 1,469 1,185 192 756 242 4,247 29 Judicial deposits 166 29 16 2 18 2231 Financial instruments - firm commitment Type 171 47 89 68 (81) 1,073 Investments 1,346 186 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Investments 8,207 7,229 488 46 2 (7,25) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Other assets							(242)		177		24,7
Non-current assets Section Sec	A	,	7,404	2,004	1,500	604	4,030	(545)		1//		24,7
Non-current assets Long-term receivables Financial investments and derivative financial instruments	Assets classified as neid-for-sale	9							9			
Long-term receivables		8,137	7,484	2,804	1,306	604	4,636	(343)	24,628	177		24,8
Financial investments and derivative financial instruments 1,024 288 67 1,379 1,379 1,711 1,379 1,024 1,379 1,024 1,02	Non-current assets											
Instruments	Long-term receivables											
Financial instruments - Suzano	Financial investments and derivative financial											
Derivative financial instruments - put option 1,692 538 1,170 15 261 (27) 3,649	instruments	1,024	288	67					1,379			1,3
Taxes recoverable 1,692 538 1,170 15 261 (27) 3,649 Related parties 32 4 17 87 328 (213) 255 Deferred income tax and social contribution 403 1,469 1,185 192 756 242 4,247 29 Judicial deposits 166 29 16 2 18 231 Financial instruments - firm commitment Other assets 779 171 47 89 68 (81) 1,073 Investments 1,346 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Financial instruments - Suzano						2,965		2,965			2,9
Related parties 32 4 17 87 328 (213) 255 Deferred income tax and social contribution 403 1,469 1,185 192 756 242 4,247 29 Judicial deposits 166 29 16 2 18 231 Financial instruments - firm commitment 17 17 17 Other assets 779 171 47 89 68 (81) 1,073 4,096 2,499 2,502 298 104 4,766 (79) 14,186 29 Investments 1,346 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 1 6 82 89 Example 1,473 1,487 1,473 1,474 1,475 1,47	Derivative financial instruments - put option						370		370			3
Deferred income tax and social contribution 403 1,469 1,185 192 756 242 4,247 29 1	Taxes recoverable	1,692	538	1,170	15		261	(27)	3,649			3,6
Deferred income tax and social contribution 403 1,469 1,185 192 756 242 4,247 29 Judicial deposits 166 29 16 2 18 231 Financial instruments - firm commitment 17 17 Other assets 779 171 47 89 68 (81) 1,073 4,096 2,499 2,502 298 104 4,766 (79) 14,186 29 Investments 1,346 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 8,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505) Total control of the	Related parties	32	4	17		87	328	(213)	255			2
Financial instruments - firm commitment 17	Deferred income tax and social contribution	403	1,469	1,185	192		756	242	4,247	29		4,2
Other assets 779 171 47 89 68 (81) 1,073 Investments 1,346 2,499 2,502 298 104 4,766 (79) 14,186 29 Investments 1,346 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 6 82 89 72,665 5,536 (5,505)	Judicial deposits	166	29	16	2		18		231			2
1,496 2,499 2,502 298 104 4,766 (79) 14,186 29	Financial instruments - firm commitment					17			17			
Investments 1,346 186 3,008 34,238 (26,315) 12,463 5,507 (5,505) Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 6 82 89 89 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Other assets	779	171	47	89		68	(81)	1,073			1,0
Property, plant and equipment 14,196 8,901 4,847 1,294 35 559 29,832 Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 6 82 89 89		4,096	2,499	2,502	298	104	4,766	(79)	14,186	29		14,2
Intangible assets 8,207 7,229 488 46 2 (745) 15,227 Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 6 82 89 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Investments	1,346		186		3,008	34,238	(26,315)	12,463	5,507	(5,505)	12,4
Right-of-use assets 596 102 13 129 7 21 868 Biological assets 1 6 82 89 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Property, plant and equipment	14,196	8,901	4,847	1,294	35	559		29,832			29,8
Biological assets 1 6 82 89 (5,505) 28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Intangible assets	8,207	7,229	488	46	2		(745)	15,227			15,2
28,441 18,731 8,037 1,773 3,156 39,666 (27,139) 72,665 5,536 (5,505)	Right-of-use assets	596	102	13	129	7	21		868			8
	Biological assets			1	6		82		89			
26 E79 26 24E 10 941 2 070 2 760 44 202 (27 402) 07 202 E 742 (E F0E)		28,441	18,731	8,037	1,773	3,156	39,666	(27,139)	72,665	5,536	(5,505)	72,6
Udi dssets 50,578 20,215 10,841 5,079 5,700 44,302 (27,482) 97,293 5,713 (5,505)	otal assets	36,578	26,215	10,841	3,079	3,760	44,302	(27,482)	97,293	5,713	(5,505)	97,5

(*) Relates to long steel operations abroad (Argentina and Colombia).

											6/30/2020
								Total,			
	Votorantim	Nexa		Long steels	Votorantim	Holding and		industrial	Votorantim		Total
Liabilities and equity	Cimentos	Resources	CBA	(*)	Energia	other	Eliminations	segments	Finanças	Eliminations	consolidate
Current liabilities	254	75.4	100	222				0.700			0.700
Borrowing	251	754	120	320	_	1,344		2,789			2,789
Lease liabilities	126	76	7	22	3	12		246			246
Derivative financial instruments	24	121	339					484			484
Confirming payable	626	313	348					1,287			1,287
Trade payables	1,779	1,372	443	520	271	18	(184)	4,219			4,219
Salaries and payroll charges	387	245	142	45	18	59		896			896
Taxes payable	303	99	44	105	9	11		571			571
Advances from customers	32	3	34	305	1	14	4 >	389			389
Dividends payable	109	21	2	2	77	39	(186)	64			64
Use of public assets	37	6	47					90			90
Related parties											
Financial instruments - firm commitment	45		23					68			68
Deferred revenue - silver streaming		136						136			136
Other	490	224	45	56		181	 .	996	3		999
	4,209	3,370	1,594	1,375	379	1,678	(370)	12,235	3		12,238
Liabilities related to assets held-for-sale	2							2			2
	4,211	3,370	1,594	1,375	379	1,678	(370)	12,237	3		12,240
Non-current liabilities											
Borrowing	14,424	9,735	2,494			16		26,669			26,669
Lease liabilities	489	61	5	106	4	10		675			675
Derivative financial instruments	755	225	883					1,863			1,863
Deferred income tax and social contribution	646	1,278	4	21	53	276	(1)	2,277	168	1	2,446
Related parties	100	66	26		1	32	(214)	11			11
Provision	1,265	1,269	673	120	1	171		3,499			3,499
Use of public assets	495	89	597					1,181			1,181
Pension plan	384			148				532			532
Financial instruments - firm commitment	47		110					157			157
Deferred revenue - silver streaming		783						783			783
Other	300	223	51	100	12	86		772			772
	18,905	13,729	4,843	495	71	591	(215)	38,419	168	1	38,588
Total liabilities	23,116	17,099	6,437	1,870	450	2,269	(585)	50,656	171	1	50,828
Equity											
Total equity attributable to owners of the Company	12,731	7,393	4,210	911	3,310	42,033	(28,637)	41,951	5,542	(5,508)	41,985
Non-controlling interests	731	1,723	194	298	-,-10		1,740	4,686	-,- 12	2	4,688
Total equity	13,462	9,116	4,404	1,209	3,310	42,033	(26,897)	46,637	5,542	(5,506)	46,673
	·	·		·	·	·		·	·		
Total liabilities and equity	36,578	26,215	10,841	3,079	3,760	44,302	(27,482)	97,293	5,713	(5,505)	97,501

(*) Relates to long steel operations abroad (Argentina and Colombia).

(c) Statement of income – business segments

										1/1/2	2020 to 6/30/2020
	Votorantim	Nexa		Long steels	Votorantim	Holding and		Total, industrial	Votorantim		Total,
	Cimentos	Resources	CBA	(**)	Energia	other	Eliminations	segments	Finanças	Eliminations	consolidated
Continuing operations											
Net revenue from products sold and services rendered	6,624	3,779	2,355	819	1,652	26	(864) (**)	14,391			14,391
Cost of products sold and services rendered	(5,584)	(3,438)	(2,143)	(667)	(1,618)	(13)	864 (**)	(12,599)			(12,599)
Gross profit	1,040	341	212	152	34	13		1,792			1,792
Operating income (expenses)											
Selling	(346)	(59)	(14)	(11)		(1)		(431)			(431)
General and administrative	(474)	(296)	(114)	(77)	(41)	(139)		(1,141)	(7)		(1,148)
Other operating income (expenses), net	(256)	(2,313)	160	20	77	3		(2,309)			(2,309)
	(1,076)	(2,668)	32	(68)	36	(137)		(3,881)	(7)		(3,888)
Operating profit (loss) before equity results and finance results	(36)	(2,327)	244	84	70	(124)		(2,089)	(7)		(2,096)
Result from equity investments											
Equity in the results of investees	37	(2)	(18)		120	(2,325)	1,972	(216)	193	(189)	(212)
4.7	37	(2)	(18)		120	(2,325)	1,972	(216)	193	(189)	(212)
Finance results, net											
Finance income	136	48	111	14	10	103	(8)	414	2		416
Finance costs	(552)	(440)	(146)	(63)	(15)	(67)	8	(1,275)			(1,275)
Results of derivative financial instruments	292	(1)				(285)	1	7			7
Foreign exchange gains (losses), net	(378)	(637)	(267)			25		(1,257)			(1,257)
	(502)	(1,030)	(302)	(49)	(5)	(224)	1	(2,111)	2		(2,109)
Profit (loss) before income tax and social contribution	(501)	(3,359)	(76)	35	185	(2,673)	1,973	(4,416)	188	(189)	(4,417)
Income tax and social contribution											
Current	(76)	(91)	(25)	(32)		(5)		(229)			(229)
Deferred	45	431	36	(7)	(24)	75		556	2		558
Profit (loss) from continuing operations	(532)	(3,019)	(65)	(4)	161	(2,603)	1,973	(4,089)	190	(189)	(4,088)
Profit attributable to the owners of the Company											
Loss attributable to non-controlling interests	(1)							(1)			(1)
Profit (loss) for the semester	(533)	(3,019)	(65)	(4)	161	(2,603)	1,973	(4,090)	190	(189)	(4,089)

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

										1/1/2	2019 to 6/30/2019
	Votorantim	Nexa		Long steels	Votorantim	Holding and		Total, industrial	Votorantim		Total
	Cimentos	Resources	CBA	(**)	Energia	other	Eliminations	segments	Finanças	Eliminations	consolidated
Continuing operations											
Net revenue from products sold and services rendered	5,822	4,554	2,693	954	1,909	25	(1,384) (**)	14,573			14,573
Cost of products sold and services rendered	(5,021)	(3,723)	(2,296)	(794)	(1,823)	(12)	1,384 (**)	(12,285)			(12,285
Gross profit	801	831	397	160	86	13		2,288			2,288
Operating income (expenses)											
	(356)	(39)	(22)	(14)		(1)		(432)			(432
Selling	, ,			. ,	(20)			. ,	(¬)		,
General and administrative	(420)	(316)	(101)	(51)	(38)	(146)		(1,072)	(7)		(1,079
Other operating income (expenses), net	495 (281)	(198) (553)	(114)	58 (7)	(51)	6,551 6,404		6,864 5,360	(7)		6,864 5,353
	(202)	(555)	(== -/	(*/	(00)	3, 10 .		5,555	(*)		0,000
Operating profit (loss) before equity results and finance results	520	278	283	153	(3)	6,417		7,648	(7)		7,641
Result from equity investments											
Equity in the results of investees	76	(1)	4		(1)	504	(281)	301	331	(328)	304
Realization of comprehensive results on the sale of investments	108	(±)	7		(±)	304	(201)	108	331	(320)	108
Realization of comprehensive results on the sale of investments	184	(1)	4		(1)	504	(281)	409	331	(328)	412
e											
Finance results, net Finance income	325	49	96	11	49	175	(64)	641	3		644
Finance costs	(767)	(246)	(244)	(69)	(58)	(134)	64	(1,454)	5		(1,454
				(69)	(30)		04				
Results of derivative financial instruments	(88)	18	(77)	(4)		(12)	(4)	(159)			(159
Foreign exchange gains (losses), net	(8)	23	(12)	(1)		39	(1)	40			40
	(538)	(156)	(237)	(59)	(9)	68	(1)	(932)	3		(929
Profit (loss) before income tax and social contribution	166	121	50	94	(13)	6,989	(282)	7,125	327	(328)	7,124
Income tax and social contribution											
	(132)	(101)	(23)	(34)	(12)	(993)	(1)	(1,296)			(1,296
Current Deferred							(1)		1		
	123 157	41 61	(138) (111)	(2) 58	(11)	(1,213) 4,783	(202)	(1,175) 4,654	328	(220)	(1,174
Profit (loss) for the semester from continuing operations	157	61	(111)	58	(11)	4,783	(283)	4,654	328	(328)	4,654
Discontinued operations											
Loss from continuing operations	(38)							(38)			(38
Profit (loss) for the semester	119	61	(111)	58	(11)	4,783	(283)	4,616	328	(328)	4,616
Profit (loss) attributable to the owners of the Company	83	57	(125)	32	(11)	4,783	(242)	4,577	328	(328)	4,577
Profit (loss) attributable to non-controlling interests	36	4	14	26	. ,		(41)	39		,	39
Profit (loss) for the semester	119	61	(111)	58	(11)	4,783	(283)	4,616	328	(328)	4,616

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

										4/ 1/	/2020 a 6/30/202
	Votorantim	Nexa		Long steels	Votorantim	Holding and		Total, industrial	Votorantim		Tota
	Cimentos	Resources	CBA	(**)	Energia	other	Eliminations	segments	Finanças	Eliminations	consolidate
Continuing operations											
Net revenue from products sold and services rendered	3,877	1,811	1,102	398	740	14	(380) (**)	7,562			7,562
Cost of products sold and services rendered	(3,132)	(1,698)	(1,038)	(323)	(711)	(9)	380 (**)	(6,531)			(6,531
Gross profit	745	113	64	75	29	5		1,031			1,031
Operating income (expenses)											
Selling	(171)	(24)	(7)	(5)				(207)			(207
General and administrative	(236)	(138)	(57)	(33)	(19)	(82)		(565)	(3)		(568
Other operating income (expenses), net	(260)	(12)	22	12	7	18		(213)			(213
	(667)	(174)	(42)	(26)	(12)	(64)		(985)	(3)		(988
Operating profit (loss) before equity results and finance results	78	(61)	22	49	17	(59)		46	(3)		43
Result from equity investments	45		0		74	(270)	00	(04)	45	(42)	17/
Equity in the results of investees	15 15		9		74 74	(278) (278)	99 99	(81)	45 45	(43) (43)	(79 (7 9
					, , , , , , , , , , , , , , , , , , ,	(=70)	55	(01)		(1.5)	(**
Finance results, net											
Finance income	74	29	97	12	1	27	1	241	1		242
Finance costs	(318)	(213)	(79)	(34)	(4)	(34)	(1)	(683)			(683
Results of derivative financial instruments	109					(83)		26			26
Foreign exchange gains (losses), net	(19)	(108)	(40)	2		7	1	(157)			(157
	(154)	(292)	(22)	(20)	(3)	(83)	1	(573)	1		(572
Profit (loss) before income tax and social contribution	(61)	(353)	9	29	88	(420)	100	(608)	43	(43)	(608
Income tax and social contribution											
Current	(59)	1	(13)	(17)		(3)		(91)			(91
Deferred	(34)	64	26	(3)	(7)	7		53	1		54
Profit for the semester from continuing operations	(154)	(288)	22	9	81	(416)	100	(646)	44	(43)	(645
Discontinued operations											
Profit (loss) from continuing operations											
Profit for the semester	(154)	(288)	22	9	81	(416)	100	(646)	44	(43)	(645
Profit (loss) attributable to the owners of the Company	(68)	(253)	11	2	81	(416)	221	(422)	43	(43)	(42)
Profit (loss) attributable to the owners of the company Profit (loss) attributable to non-controlling interests	(86)	(35)	11	7	91	(410)	(121)	(224)	1	(-5)	(223
Front (1055) attributable to non-controlling interests	(86)	(288)	11	9	81	(416)	(141)	(646)	44		(645

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

										4/1/	/2019 a 6/30/2019
	Votorantim	Nexa		Long steels	Votorantim	Holding and		Total, industrial	Votorantim		Total
	Cimentos	Resources	CBA	(**)	Energia	other	Eliminations	segments	Finanças	Eliminations	consolidate
Continuing operations											
Net revenue from products sold and services rendered	3,298	2,404	1,366	520	1,004	13	(752) (**)				7,853
Cost of products sold and services rendered	(2,738)	(1,885)	(1,177)	(428)	(954)	(5)	752 (**)				(6,435
Gross profit	560	519	189	92	50	8		1,418			1,418
Operating income (expenses)											
Selling	(180)	(22)	(9)	(7)				(218)			(218
General and administrative	(219)	(172)	(54)	(24)	(20)	(67)		(556)	(3)		(559)
Other operating income (expenses), net	41	(148)	24	31	17	(95)		(130)			(130
	(358)	(342)	(39)		(3)	(162)		(904)	(3)		(907)
Operating profit (loss) before equity results and finance results	202	177	150	92	47	(154)		514	(3)		511
Sportaling provide (1995) across equity results and interest to all						(20.)			(0)		0.11
Result from equity investments											
Equity in the results of investees	33		5		18	184	(27)	213	139	(137)	215
Realization of comprehensive results on the sale of investments	108							108			108
	141		5		18	184	(27)	321	139	(137)	323
Finance results, net											
Finance income	49	28	83	7	24	73	(32)	232	1		233
Finance costs	(297)	(137)	(161)	(31)	(29)	(44)	32	(667)			(667
Results of derivative financial instruments	(6)	19	(77)			(36)		(100)			(100
Foreign exchange gains (losses), net	34	32		(1)		(5)	(1)	59			59
	(220)	(58)	(155)	(25)	(5)	(12)	(1)	(476)	1		(475
Profit (loss) before income tax and social contribution	123	119		67	60	18	(28)	359	137	(137)	359
Income tax and social contribution											
Current	(52)	(18)	(11)	(20)	(10)	67	(1)	(45)			(45
Deferred	101	(8)	(129)	(20)	(5)	(8)	(2)	(51)			(51
Profit (loss) for the semester from continuing operations	172	93	(140)	47	45	77	(31)	263	137	(137)	263
Discontinued operations											
Loss from continuing operations	(38)							(38)			(38)
Profit (loss) for the semester	134	93	(140)	47	45	77	(31)	225	137	(137)	225
Profit (loss) attributable to the owners of the Company	116	94	(144)	29	45	77	(28)	189	137	(137)	189
Profit (loss) attributable to non-controlling interests	18	(1)	4	18			(3)	36			36
Profit (loss) for the semester	134	93	(140)	47	45	77	(31)	225	137	(137)	225

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

(d) EBITDA ajustado –Adjusted EBITDA - business segments

									1	/1/2020 to 6/30/2020
	Votorantim Cimentos	Nexa Resources	СВА	Long steel (**)	Votorantim Energia	Holding and other	Eliminations	Total, industrial segments	Votorantim Finanças	Total, consolidated
Net revenue from products sold and services rendered	6,624	3,779	2,355	819	1,652	26	(864) (*)	14,391		14,391
Cost of products sold and services rendered	(5,584)	(3,438)	(2,143)	(667)	(1,618)	(13)	864 (*)	(12,599)		(12,599)
Gross profit	1,040	341	212	152	34	13		1,792		1,792
Operating income (expenses)										
Selling	(346)	(59)	(14)	(11)		(1)		(431)		(431)
General and administrative	(474)	(296)	(114)	(77)	(41)	(139)		(1,141)	(7)	(1,148)
Other operating income (expenses), net	(256)	(2,313)	160	20	77	3		(2,309)		(2,309)
	(1,076)	(2,668)	32	(68)	36	(137)		(3,881)	(7)	(3,888)
Operating profit (loss) before equity results and finance results	(36)	(2,327)	244	84	70	(124)		(2,089)	(7)	(2,096)
Plus:										
Depreciation, amortization and depletion - continuing operations	690	580	202	60	3	14		1,549		1,549
EBITDA	654	(1,747)	446	144	73	(110)		(540)	(7)	(547)
Plus:										
Dividends received	9				38	2	(38)	11	12	23
Exceptional items										
Impairment - fixed assets	272	2,156						2,428		2,428
Net gain on sale of investments			(152)					(152)		(152)
Other	32					53		85		85
Adjusted EBITDA	967	409	294	144	111	(55)	(38)	1,832	5	1,837

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

									1	/1/2019 to 6/30/2019
	Votorantim	Nexa		Long steel	Votorantim	Holding and		Total, industrial	Votorantim	
	Cimentos	Resources	CBA	(**)	Energia	other	Eliminations	segments	Finanças	Total, consolidated
Net revenue from products sold and services rendered	5,822	4,554	2,693	954	1,909	25	(1,384) (*)	14,573		14,573
Cost of products sold and services rendered	(5,021)	(3,723)	(2,296)	(794)	(1,823)	(12)	1,384 (*)	(12,285)		(12,285)
Gross profit	801	831	397	160	86	13		2,288		2,288
Operating income (expenses)										
Selling	(356)	(39)	(22)	(14)		(1)		(432)		(432)
General and administrative	(420)	(316)	(101)	(51)	(38)	(146)		(1,072)	(7)	(1,079)
Other operating income (expenses), net	495	(198)	9	58	(51)	6,551		6,864		6,864
	(281)	(553)	(114)	(7)	(89)	6,404		5,360	(7)	5,353
Operating profit (loss) before equity results and finance results	520	278	283	153	(3)	6,417		7,648	(7)	7,641
Plus:										
Depreciation, amortization and depletion - continuing operations	593	590	239	52	4	13		1,491		1,491
EBITDA	1,113	868	522	205	1	6,430		9,139	(7)	9,132
Plus										
Dividends received	9				9		(9)	9		9
Exceptional items										
Net gain on sale of investments						(6,719)		(6,719)		(6,719)
Impairment - fixed assets	(6)		(9)					(15)		(15)
Other	(37)		24			212		199		199
Adjusted EBITDA	1,079	868	537	205	10	(77)	(9)	2,613	(7)	2,606

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

										4/1/2020 a 6/30/2020
	Votorantim	Nexa	CBA	Long steel	Votorantim	Holding and	Eliminations	Total, industrial	Votorantim	Total, consolidated
	Cimentos	Resources		(**)	Energia	other		segments	Finanças	
Net revenue from products sold and services rendered	3,877	1,811	1,102	398	740	14	(380) (**)	7,562		7,562
Cost of products sold and services rendered	(3,132)	(1,698)	(1,038)	(323)	(711)	(9)	380 (**)	(6,531)		(6,531)
Gross profit	745	113	64	75	29	5		1,031		1,031
Operating income (expenses)										
Selling	(171)	(24)	(7)	(5)				(207)		(207)
General and administrative	(236)	(138)	(57)	(33)	(19)	(82)		(565)	(3)	(568)
Other operating income (expenses), net	(260)	(12)	22	12	7	18		(213)		(213)
	(667)	(174)	(42)	(26)	(12)	(64)		(985)	(3)	(988)
Operating profit (loss) before equity results and finance results	78	(61)	22	49	17	(59)		46	(3)	43
Plus:										
Depreciation, amortization and depletion - continuing operations	361	280	111	33	2	6		793		793
EBITDA	439	219	133	82	19	(53)		839	(3)	836
Plus:										
Dividends received	2				34	2	(34)	4		4
Exceptional items										
Impairment - fixed assets	276	(2)						274		274
Net gain on sale of investments			12					12		12
Other	17					36		53		53
Adjusted EBITDA	734	217	145	82	53	(15)	(34)	1,182	(3)	1,179

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

										4/1/2019 a 6/30/2019
	Votorantim	Nexa	CBA	Long steel	Votorantim	Holding and	Eliminations	Total, industrial	Votorantim	Total, consolidated
	Cimentos	Resources		(**)	Energia	other		segments	Finanças	
Net revenue from products sold and services rendered	3,298	2,404	1,366	520	1,004	13	(752) (**)	7,853		7,853
Cost of products sold and services rendered	(2,738)	(1,885)	(1,177)	(428)	(954)	(5)	752 (**)	(6,435)		(6,435)
Gross profit	560	519	189	92	50	8		1,418		1,418
Operating income (expenses)										
Selling	(180)	(22)	(9)	(7)				(218)		(218)
General and administrative	(219)	(172)	(54)	(24)	(20)	(67)		(556)	(3)	(559)
Other operating income (expenses), net	41	(148)	24	31	17	(95)		(130)		(130)
	(358)	(342)	(39)		(3)	(162)	•	(904)	(3)	(907)
Operating profit (loss) before equity results and finance results	202	177	150	92	47	(154)		514	(3)	511
Plus:										
Depreciation, amortization and depletion - continuing operations	299	284	142	28	3	6		762		762
EBITDA	501	461	292	120	50	(148)		1,276	(3)	1,273
Plus										
Dividends received	9				9		(9)	9		9
Exceptional items										
Net gain on sale of investments						53		53		53
Impairment - fixed assets	(3)		(8)					(11)		(11)
Other	(15)		24			81		90		90
Adjusted EBITDA	492	461	308	120	59	(14)	(9)	1,417	(3)	1,414

^(*) Relates substantially to the net revenue from electric energy operations to CBA and VCSA.

^(**) Relates to long steel operations abroad (Argentina and Colombia).

23 Subsequent events

(a) Loan agreement with BNDES

The subsidiary Nexa contracted a loan, approved by the BNDES, in the total principal amount of R\$ 750 (approximately USD 140 million) at a cost of TLP + 3.39%, with a 20-year term. The amount will be used to finance your Aripuanã project.