



SAUDI ARABIAN MINING COMPANY (MA'ADEN)
(A Saudi Arabian joint stock company)

Consolidated interim financial statements
for the quarter ended 31 March 2020 (Unaudited)

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Commercial registration number	1010164391
Directors	<p>H.E. Yaser Bin Othman Al-Rumayyan - Chairman</p> <p>H.E. Sulaiman Bin Abdulrahman Al-Gwaiz - Vice chairman</p> <p>H.E. Engr. Abdullah Bin Ibrahim Al-Saadon</p> <p>H.E. Engr. Khalid Bin Saleh Al-Mudaifer</p> <p>Engr. Abdullah Bin Mohammed Al-Issa</p> <p>Ms. Lubna Bint Suliman Al-Olayan</p> <p>Dr. Klaus Christian Kleinfeld</p> <p>Mr. Richard O'Brien</p> <p>Mr. Abdallah Bin Saleh bin Jum'ah - Appointed on 9 January 2020</p> <p>Engr. Mosaed Bin Sulaiman Al-Ohali - Appointed on 1 April 2020</p>
Registered address	<p>Building number 395</p> <p>Abi Bakr Asseddiq Road, South</p> <p>Exit 6, North Ring Road</p> <p>Riyadh 11537</p> <p>Kingdom of Saudi Arabia</p>
Postal address	<p>P.O. Box 68861</p> <p>Riyadh 11537</p> <p>Kingdom of Saudi Arabia</p>
Banker	The Saudi British Bank (SABB)
Auditors	<p>PricewaterhouseCoopers</p> <p>Kingdom Tower - 21st Floor</p> <p>King Fahad Road</p> <p>Riyadh 11414</p> <p>Kingdom of Saudi Arabia</p>



The following statement, which should be read in conjunction with the independent auditor's responsibilities stated in the independent auditor's review report, set out on page 4, is made with a view to distinguish the responsibilities of management and those of the independent auditor in relation to the consolidated interim financial statements of Saudi Arabian Mining Company (Ma'aden) (the "Company") and its subsidiaries (the "Group").

Management is responsible for the preparation of the consolidated interim financial statements that present fairly the consolidated interim financial position of the Group as at 31 March 2020, its financial performance, changes in equity and cash flows for the quarter then ended, in accordance with International Financial Reporting Standards ("IFRS") issued by the International Accounting Standards Board ("IASB").



In preparing the consolidated interim financial statements, management is responsible for:

- selecting suitable accounting policies and applying them consistently,
- making judgments and estimates that are reasonable and prudent,
- stating whether IFRS and other standards and pronouncements that are issued by the Saudi Organization for Certified Public Accountants ("SOCPA"), as endorsed in the Kingdom of Saudi Arabia, have been followed, subject to any material departures disclosed and explained in the consolidated interim financial statements and
- preparing and presenting the consolidated interim financial statements on a going concern basis, unless it is inappropriate to presume that the Group and the companies will continue their business for the foreseeable future.

Management is also responsible for:

- designing, implementing and maintaining an effective system of internal controls throughout the Group,
- maintaining statutory accounting records in compliance with local legislation and IFRS in the respective jurisdictions in which the Group operates,
- taking steps to safeguard the assets of the Group and
- detecting and preventing fraud and other irregularities.

The consolidated interim financial statements for the quarter ended 31 March 2020 set out on pages 5 to 135, were approved and authorized for issue by the Board of Directors on 30 April 2020 and signed on their behalf by:


H.E. Engr. Abdullah Bin Ibrahim Al-Saadan
Authorized by the Board
Engr. Mosaed Bin Sulaiman Al-Ohali
President and
Chief Executive Officer
Mr. Khaled Bin Saleh Al-Khattaf
Senior Vice-President
Finance and
Chief Financial Officer

7 Ramadan 1441H
30 April 2020
Riyadh
Kingdom of Saudi Arabia



Report on review of Consolidated Interim Financial Statements

To the shareholders of Saudi Arabian Mining Company (Ma'aden):
(A Saudi Arabian Joint Stock Company)

Introduction

We have reviewed the accompanying consolidated interim statement of financial position of Saudi Arabian Mining Company (Ma'aden) (the "Company") and its subsidiaries (collectively referred to as the "Group") as of 31 March 2020 and the related consolidated statements of profit or loss and other comprehensive income, changes in equity and cash flows for the three-month period then ended, and notes, comprising a summary of significant accounting policies and other explanatory notes. Management is responsible for the preparation and fair presentation of these consolidated interim financial statements in accordance with International Accounting Standard 34 - "Interim Financial Reporting" ("IAS 34"), as endorsed in the Kingdom of Saudi Arabia. Our responsibility is to express a conclusion on these consolidated interim financial statements based on our review.


Scope of review

We conducted our review in accordance with International Standard on Review Engagements 2410, "Review of interim financial information performed by the independent auditor of the entity", as endorsed in the Kingdom of Saudi Arabia. A review of interim financial statements consists of 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 International Standards on Auditing, as endorsed in the Kingdom of Saudi Arabia, 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

Based on our review, nothing has come to our attention that causes us to believe that the accompanying consolidated interim financial statements do not present fairly, in all material respects, the financial position of the Group as at 31 March 2020, and of its financial performance and its cash flows for the three-month period then ended in accordance with IAS 34, as endorsed in the Kingdom of Saudi Arabia.

PricewaterhouseCoopers


Omar M. Al Sagga
License Number 369



30 April 2020

SAUDI ARABIAN MINING COMPANY (MA'ADEN)
(A Saudi Arabian joint stock company)
Consolidated interim statement of profit or loss and other comprehensive income
for the quarter ended 31 March 2020 (Unaudited)
(All amounts in Saudi Riyals unless otherwise stated)



		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
Sales	8	4,355,158,951	4,241,341,540	17,736,278,586
Cost of sales	9	(4,152,435,104)	(3,756,952,609)	(15,432,560,000)
Gross profit		202,723,847	484,388,931	2,303,718,586
Operating expenses				
Selling, marketing and logistic expenses	10	(119,011,227)	(111,086,522)	(641,080,703)
General and administrative expenses	11	(157,077,530)	(93,945,713)	(561,843,682)
Exploration and technical services expenses	12	(45,922,769)	(27,528,050)	(179,909,722)
Impairment of non-current assets	13	-	-	(35,245,038)
Operating (loss) / profit		(119,287,679)	251,828,646	885,639,441
Other income / (expenses)				
Income from time deposits	14	31,666,326	59,795,372	205,403,500
Finance cost	15	(498,570,747)	(620,483,458)	(2,401,363,914)
Other (expenses) / income, net	16	(72,270,110)	3,313,365	87,390,250
Share in net profit of joint ventures that have been equity accounted	23.1.3, 23.2.3	37,184,003	94,632,524	112,077,731
Loss before zakat and income tax		(621,278,207)	(210,913,551)	(1,110,852,992)
Income tax	24.1	34,194,070	(11,899,502)	(168,128,373)
Zakat expense	46.2	(50,509,746)	(30,106,897)	(249,156,159)
Loss for the quarter / year		(637,593,883)	(252,919,950)	(1,528,137,524)
Other comprehensive loss				
<i>Items that may be reclassified to profit or loss in subsequent periods</i>				
Cash flow hedge – effective portion of changes in fair value	42	(170,599,631)	(26,532,445)	(198,893,932)
Loss on exchange differences on translation		(56,349,490)	-	(28,877,730)
<i>Items that will not be reclassified to profit or loss in subsequent periods</i>				
Share in other comprehensive loss of a joint venture that has been equity accounted	23.1.1	(392,352)	-	(763,703)
Loss attributable to the re-measurements of employees' end of service termination benefits obligation	43.1.1	-	-	(329,869)
Other comprehensive loss for the quarter / year		(227,341,473)	(26,532,445)	(228,865,234)
Total comprehensive loss for the quarter / year		(864,935,356)	(279,452,395)	(1,757,002,758)



Continued

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2018
Loss for the quarter / year is attributable to:				
Ordinary shareholders of the parent company	17	(353,253,330)	(127,211,672)	(739,463,938)
Non-controlling interest	37.2,37.3	(284,340,553)	(125,708,278)	(788,673,586)
		<u>(637,593,883)</u>	<u>(252,919,950)</u>	<u>(1,528,137,524)</u>
Total comprehensive loss for quarter / year is attributable to:				
Ordinary shareholders of the parent company		(529,321,872)	(147,084,473)	(913,787,687)
Non-controlling interest	37.2,37.3	(335,613,484)	(132,367,922)	(843,215,071)
		<u>(864,935,356)</u>	<u>(279,452,395)</u>	<u>(1,757,002,758)</u>
Loss per ordinary share (Saudi Riyals)				
Basic and diluted loss per share from continuing operations attributable to ordinary shareholders of the parent company	17	<u>(0.28)</u>	<u>(0.10)</u>	<u>(0.62)</u>

SAUDI ARABIAN MINING COMPANY (MA'ADEN)

(A Saudi Arabian joint stock company)

Consolidated interim statement of financial position as at 31 March 2020 (Unaudited)

(All amounts in Saudi Riyals unless otherwise stated)



	Notes	31 March 2020	31 March 2019	31 December 2019
Assets				
Non-current assets				
Mine properties	18	10,213,668,371	9,919,594,757	10,045,329,831
Property, plant and equipment	19	64,058,829,099	65,704,679,429	64,496,438,656
Right-of-use assets	20	1,384,807,588	1,482,404,535	1,416,739,854
Capital work-in-progress	21	2,890,866,067	2,469,186,719	2,747,575,350
Intangible assets and goodwill	22	350,698,921	129,079,047	356,097,532
Investment in joint ventures	23	1,153,508,344	1,405,658,608	1,116,716,693
Deferred tax assets	24.2	720,129,140	638,119,451	638,743,706
Other investments	25	38,390,000	43,185,000	38,440,000
Other non-current assets	26	1,003,287,318	1,062,386,579	998,863,145
Total non-current assets		81,814,184,848	82,854,294,125	81,854,944,767
Current assets				
Other investments	25	4,795,000	4,665,000	4,745,000
Due from joint venture partner	27	-	37,490,445	-
Advances and prepayments	28	322,553,527	327,320,138	252,221,973
Inventories	29	5,663,737,617	4,622,005,738	5,758,620,975
Trade and other receivables	30	2,842,574,937	2,491,422,688	2,995,379,409
Time deposits	31	1,433,777,413	3,105,752,466	3,186,788,848
Cash and cash equivalents	32	4,638,220,532	5,357,552,345	3,604,896,076
Total current assets		14,905,659,026	15,946,208,820	15,802,652,281
Total assets		96,719,843,874	98,800,502,945	97,657,597,048
Equity and liabilities				
Equity				
Share capital	33	12,305,911,460	11,684,782,610	12,305,911,460
Statutory reserve				
Share premium	34	10,739,190,039	8,391,351,697	10,739,190,039
Transfer of net income	35	1,054,251,439	1,054,251,439	1,054,251,439
Other reserves	36	(164,226,229)	-	(111,636,166)
Retained earnings		6,186,401,195	6,625,260,514	6,667,826,000
Equity attributable to ordinary shareholders of the parent company		30,121,527,904	27,755,646,260	30,655,542,772
Non-controlling interest	37.3	7,401,776,509	8,659,327,593	7,737,389,993
Total equity		37,523,304,413	36,414,973,853	38,392,932,765
Non-current liabilities				
Deferred tax liabilities	24.3	880,811,376	658,306,899	841,232,652
Due to a joint venture partner	38	-	196,072,094	-
Long-term borrowings	39	46,419,931,375	51,405,655,823	47,157,272,822
Provision for decommissioning, site rehabilitation and dismantling obligations	40	454,914,459	372,623,108	451,095,515
Non-current portion of lease liabilities	41	1,112,354,996	1,155,230,166	1,127,119,455
Derivative financial instruments	42	417,557,390	53,473,308	236,723,783
Employees' benefits	43	753,095,338	643,816,665	722,399,205
Projects, trade and other payables	44	172,076,990	107,605,775	169,274,230
Total non-current liabilities		50,210,741,924	54,592,783,838	50,705,117,662
Current liabilities				
Projects, trade and other payables	44	2,809,839,580	2,401,619,848	3,169,100,203
Accrued expenses	45	2,447,853,824	1,832,448,400	2,171,278,361
Zakat and income tax payable	46	312,896,825	221,039,354	267,369,819
Severance fees payable	47	160,456,359	114,348,250	124,505,948
Current portion of long-term borrowings	39	3,117,547,333	3,087,934,310	2,687,811,435
Current portion of lease liabilities	41	137,203,616	135,355,092	139,480,855
Total current liabilities		8,985,797,537	7,792,745,254	8,559,546,621
Total liabilities		59,196,539,461	62,385,529,092	59,264,664,283
Total equity and liabilities		96,719,843,874	98,800,502,945	97,657,597,048
Commitments and contingent liabilities	49			

SAUDI ARABIAN MINING COMPANY (MA'ADEN)
(A Saudi Arabian joint stock company)
Consolidated interim statement of changes in equity for the quarter ended 31 March 2020 (Unaudited)
(All amounts in Saudi Riyals unless otherwise stated)



	Equity attributable to ordinary shareholders of the parent company						Non-controlling interest					Total equity
	Statutory reserve					Sub-total	Share capital	Payments to increase share capital*	Other reserves	Net income attributable to non-controlling interest	Sub-total	
	Share capital (Note 33)	Share premium (Note 34)	Transfer of net income (Note 35)	Other reserves	Retained earnings							
31 December 2018	11,684,782,610	8,391,351,697	1,054,251,439	-	6,772,344,987	27,902,730,733	8,523,320,890	298,542,857	-	(30,168,232)	8,791,695,515	36,694,426,248
Net loss for the quarter	-	-	-	-	(127,211,672)	(127,211,672)	-	-	-	(125,708,278)	(125,708,278)	(252,919,950)
Items of other comprehensive loss for the quarter:												
Cash flow hedge – effective portion of changes in fair value (Note 42)	-	-	-	-	(19,872,801)	(19,872,801)	-	-	-	(6,659,644)	(6,659,644)	(26,532,445)
Total comprehensive loss for the quarter	-	-	-	-	(147,084,473)	(147,084,473)	-	-	-	(132,367,922)	(132,367,922)	(279,452,395)
31 March 2019	11,684,782,610	8,391,351,697	1,054,251,439	-	6,625,260,514	27,755,646,260	8,523,320,890	298,542,857	-	(162,536,154)	8,659,327,593	36,414,973,853

SAUDI ARABIAN MINING COMPANY (MA'ADEN)
(A Saudi Arabian joint stock company)
Consolidated interim statement of changes in equity for the quarter ended 31 March 2020 (Unaudited)
(All amounts in Saudi Riyals unless otherwise stated)



Continued

	Equity attributable to ordinary shareholders of the parent company						Non-controlling interest					Total equity
	Statutory reserve						Share capital	Payments to increase share capital*	Other reserves	Net income attributable to non-controlling interest	Sub-total	
	Share capital (Note 33)	Share premium (Note 34)	Transfer of net income (Note 35)	Other reserves	Retained earnings	Sub-total						
31 March 2019	11,684,782,610	8,391,351,697	1,054,251,439	-	6,625,260,514	27,755,646,260	8,523,320,890	298,542,857	-	(162,536,154)	8,659,327,593	36,414,973,853
Proceeds from conversion of long-term borrowings to equity	621,128,850	2,365,258,650	-	-	-	2,986,387,500	-	-	-	-	-	2,986,387,500
Transaction costs arising from conversion of long-term borrowings to equity	-	(17,420,308)	-	-	-	(17,420,308)	-	-	-	-	-	(17,420,308)
Net loss for the remainder of the year	-	-	-	-	(612,252,266)	(612,252,266)	-	-	-	(662,965,308)	(662,965,308)	(1,275,217,574)
Items of other comprehensive loss for the remainder of the year:												
Share in other comprehensive loss of a joint venture that has been equity accounted (Note 23.1.3)	-	-	-	-	(763,703)	(763,703)	-	-	-	-	-	(763,703)
Cash flow hedge – effective portion of changes in fair value (Note 42)	-	-	-	-	(129,098,755)	(129,098,755)	-	-	-	(43,262,732)	(43,262,732)	(172,361,487)
Loss attributable to the re-measurements of employees' end of service termination benefits obligation (Note 43.1.1)	-	-	-	-	(42,419)	(42,419)	-	-	-	(287,450)	(287,450)	(329,869)
Loss on exchange differences on translation	-	-	-	(24,546,071)	-	(24,546,071)	-	-	(4,331,659)	-	(4,331,659)	(28,877,730)
Total comprehensive loss for the remainder of the year	-	-	-	(24,546,071)	(742,157,143)	(766,703,214)	-	-	(4,331,659)	(706,515,490)	(710,847,149)	(1,477,550,363)
Payment to increase share capital during the remainder of the year (Note 37.3)	-	-	-	-	-	-	-	375,000,000	-	-	375,000,000	375,000,000
Additional capital contribution resulting from transfer of automotive sheet project (Note38)	-	-	-	-	-	-	-	195,488,894	-	-	195,488,894	195,488,894
Non-controlling interest share in MRC transferred in full to Ma'aden (Note 37.3)	-	-	-	-	831,405,491	831,405,491	(621,820,323)	(800,876,319)	-	591,291,151	(831,405,491)	-
Addition resulting from the business combination during the remainder of the year (Note 37.3)	-	-	-	-	-	-	51,271,315	-	-	-	51,271,315	51,271,315
Charge due to transfer of long-term borrowings (Note 39.2)	-	-	-	-	(46,682,862)	(46,682,862)	-	-	-	-	-	(46,682,862)
Non-controlling interest put option (Note 44.3)	-	-	-	(78,900,805)	-	(78,900,805)	-	-	-	-	-	(78,900,805)
Share of other non-distributable reserves	-	-	-	(8,189,290)	-	(8,189,290)	-	-	(1,445,169)	-	(1,445,169)	(9,634,459)
31 December 2019	12,305,911,460	10,739,190,039	1,054,251,439	(111,636,166)	6,667,826,000	30,655,542,772	7,952,771,882	68,155,432	(5,776,828)	(277,760,493)	7,737,389,993	38,392,932,765

SAUDI ARABIAN MINING COMPANY (MA'ADEN)
(A Saudi Arabian joint stock company)
Consolidated interim statement of changes in equity for the quarter ended 31 March 2020 (Unaudited)
(All amounts in Saudi Riyals unless otherwise stated)



Continued

	Equity attributable to ordinary shareholders of the parent company						Non-controlling interest					
	Statutory reserve											
	Share capital (Note 33)	Share premium (Note 34)	Transfer of net income (Note 35)	Other reserves	Retained earnings	Sub-total	Share capital	Payments to increase share capital*	Other reserves	Net income attributable to non-controlling interest	Sub-total	Total equity
31 December 2019	12,305,911,460	10,739,190,039	1,054,251,439	(111,636,166)	6,667,826,000	30,655,542,772	7,952,771,882	68,155,432	(5,776,828)	(277,760,493)	7,737,389,993	38,392,932,765
Net loss for the quarter	-	-	-	-	(353,253,330)	(353,253,330)	-	-	-	(284,340,553)	(284,340,553)	(637,593,883)
Items of other comprehensive loss for the quarter:												
Share in other comprehensive loss of a joint venture that has been equity accounted (Note 23.1.3)	-	-	-	-	(392,352)	(392,352)	-	-	-	-	-	(392,352)
Cash flow hedge – effective portion of changes in fair value (Note 42)	-	-	-	-	(127,779,123)	(127,779,123)	-	-	-	(42,820,508)	(42,820,508)	(170,599,631)
Loss on exchange differences on translation	-	-	-	(47,897,067)	-	(47,897,067)	-	-	(8,452,423)	-	(8,452,423)	(56,349,490)
Total comprehensive loss for the quarter	-	-	-	(47,897,067)	(481,424,805)	(529,321,872)	-	-	(8,452,423)	(327,161,061)	(335,613,484)	(864,935,356)
Unwinding of discount on non-controlling interest put option (Note 44.3)	-	-	-	(4,692,996)	-	(4,692,996)	-	-	-	-	-	(4,692,996)
31 March 2020	12,305,911,460	10,739,190,039	1,054,251,439	(164,226,229)	6,186,401,195	30,121,527,904	7,952,771,882	68,155,432	(14,229,251)	(604,921,554)	7,401,776,509	37,523,304,413

* These payments, to ultimately increase share capital of the applicable subsidiaries over a period of time, are treated as part of the total equity of these subsidiaries. No shares have been issued as yet, and the Commercial Registration certificate has not yet been amended, but it will be once these payments have been converted to share capital.

SAUDI ARABIAN MINING COMPANY (MA'ADEN)

(A Saudi Arabian joint stock company)

Consolidated interim statement of cash flows for the quarter ended 31 March 2020 (Unaudited)

(All amounts in Saudi Riyals unless otherwise stated)



	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Operating activities				
Loss before zakat and income tax		(621,278,207)	(210,913,551)	(1,110,852,992)
Adjustments for non-cash flow items:				
Loss on exchange differences on translation		(46,627,538)	-	(38,512,189)
Impairment of non-current assets	13	-	-	35,245,038
Income from time deposits	14	(31,666,326)	(59,795,372)	(205,403,500)
Finance cost	15	498,570,747	620,483,458	2,401,363,914
Depreciation of mine properties	18.1	236,923,379	162,964,418	812,077,882
Adjustment to property, plant and equipment	19	12,624,781	-	-
Depreciation of property, plant and equipment	19.1	915,044,911	913,036,200	3,577,762,925
Adjustment to right-of-use assets and the corresponding lease liability	20.41.1, 41.2	180,478	-	-
Depreciation of right-of-use assets	20.1	47,256,839	56,078,519	204,128,992
Amortisation of intangible assets	22.1	11,212,557	8,567,951	42,495,946
Share in net profit of joint ventures	23.1.3, 23.2.3	(37,184,003)	(94,632,524)	(112,077,731)
Increase in provision for allowance for inventory obsolescence	29.1	1,625,761	16,549	410,696
Adjustment to mine closure provision	40.1,16	-	-	(10,179,743)
Current service cost of employees' termination benefits	43.1	29,758,583	19,823,869	80,372,421
Contribution for the employees' savings plan	43.2	18,227,050	9,853,635	38,775,217
Provision for severance fees	47	35,950,411	3,856,815	122,384,655
Changes in working capital:				
Advances and prepayments	26,28	(110,350,796)	(33,670,050)	(40,868,792)
Inventories	26,29	107,064,816	(308,240,572)	(953,259,997)
Trade and other receivables	26,30	171,029,822	(256,122,833)	(343,087,092)
Projects and other payables – Trade	44	(321,071,413)	18,258,209	783,822,875
Accrued expenses – Trade	45	130,675,570	176,475,486	385,595,960
Derivative interest paid	42	(1,584,094)	(3,932,408)	(15,050,748)
Employees' termination benefits paid	43.1	(14,033,757)	(8,722,490)	(25,089,096)
Employees' savings plan withdrawal	43.2	(9,567,120)	(987,510)	(14,975,286)
Zakat paid	46.2	(5,784,237)	(961,004)	(181,784,447)
Income tax paid	46.5	(285,953)	-	(5,697,912)
Severance fees paid	47	-	(14,309,013)	(122,679,155)
Finance cost paid		(399,586,287)	(561,155,470)	(2,199,458,320)
Net cash generated from operating activities		617,125,974	435,972,312	3,105,459,521
Investing activities				
Income received from time deposits		43,502,761	47,203,019	199,699,765
Acquisition of a subsidiary net of cash acquired	5	-	-	(331,701,929)
Additions to mine properties	18	(340,422,139)	(82,656,032)	(819,532,022)
Additions to property, plant and equipment	19	(34,055,243)	(26,300,356)	(174,473,420)
Additions to capital work-in-progress	21	(680,401,318)	(382,046,015)	(1,776,269,113)
Additions to intangible assets	22	(128,916)	-	(173,621)
Settlement of additional contribution to equity in a joint venture	23.1.3	-	112,500,000	418,123,419
Other investments	25	-	-	4,665,000
Due from joint venture partner	27	-	(804,404)	36,686,041
Decrease in time deposits	31	1,741,175,000	463,750,000	375,825,000
Increase in restricted cash	32	(8,659,930)	(8,866,125)	(23,799,931)
Projects and other payables - Projects	44	(40,079,446)	(37,040,546)	(300,080,511)
Accrued expenses - Projects	45	145,899,893	(144,355,541)	(166,299,906)
Net cash generated from / (utilized in) investing activities		826,830,662	(58,616,000)	(2,557,331,228)

Continued

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Financing activities				
Transaction cost incurred for the conversion of long-term borrowing to equity	34	-	-	(17,420,308)
Payment to increase share capital of non-controlling interest	37.3	-	-	375,000,000
Due to a joint venture partner, net	38	-	804,404	221,204
Proceeds from long-term borrowings received	39	-	346,693,750	1,778,381,105
Repayment of long-term borrowings	39	(374,081,056)	(708,805,148)	(4,292,176,294)
Lease liabilities	41.1	(45,211,054)	(60,525,162)	(204,199,919)
Net cash utilized in financing activities		(419,292,110)	(421,832,156)	(2,360,194,212)
Net change in cash and cash equivalents		1,024,664,526	(44,475,844)	(1,812,065,919)
Unrestricted cash and cash equivalents at the beginning of the quarter / year	32	3,508,050,288	5,320,116,207	5,320,116,207
Unrestricted cash and cash equivalents at the end of the quarter / year	32	4,532,714,814	5,275,640,363	3,508,050,288
Non-cash transactions				
Transfer to mine properties from capital work-in-progress	18,21	66,508,340	-	-
Adjustment of the provision for decommissioning, site rehabilitation and dismantling obligation	18,40.2, 40.3	-	18,249,708	53,168,500
Transfer to property, plant and equipment from mine properties	19,18	1,079,365	-	-
Transfer to property, plant and equipment from capital work-in-progress	19,21	471,172,669	109,062,129	1,242,374,344
Transfer to right-of-use assets from mine properties	20,18	-	26,890,003	26,890,003
Transfer to right-of-use assets from intangible assets	20,22	-	203,367,336	203,367,336
IFRS 16 adjustment - Initial recognition / adjustment to right-of-use assets and the corresponding lease liability	20,41.1, 41.2	-	1,559,122,094	1,301,788,575
Addition to right-of-use assets and the corresponding lease liability	20,41.1, 41.2	17,332,445	15,745,644	103,370,909
Borrowing cost capitalized as part of capital work-in-progress	21,15.1	5,000,457	-	21,178,231
Amortization of transaction cost capitalized as part of capital work-in-progress	21,39.10	665,786	-	2,094,184
Transfer to intangible assets from mine properties	22,18	589,195	-	-
Transfer to intangible assets from capital work-in-progress	22,21	5,095,835	826,452	16,080,244
Transfer from due to joint venture partner to payment to increase share capital	38,37.3	-	-	195,488,894
Conversion of long-term borrowings to equity	39.2,33,34	-	-	2,986,387,500
Non-controlling interest put option recorded in other reserves	44.3	-	-	78,900,805
Unwinding of discount on non-controlling interest put option	44.3	4,692,996	-	-

1 General information

Saudi Arabian Mining Company ("Ma'aden") (the "Company") was formed as a Saudi Arabian joint stock company, following the Council of Ministers Resolution No. 179 dated 8 Zul Qaida 1417H (corresponding to 17 March 1997) and incorporated in the Kingdom of Saudi Arabia pursuant to the Royal Decree No. M/17 dated 14 Zul Qaida 1417H (corresponding to 23 March 1997) with Commercial Registration No. 1010164391, dated 10 Zul Qaida 1421H (corresponding to 4 February 2001). The Company has an authorized and issued share capital of Saudi Riyals ("SAR") 12,305,911,460 divided into 1,230,591,146 with a nominal value of SAR 10 per share (31 March 2019: SAR 11,648,782,610 divided into 1,168,478,261 with a nominal value of SAR 10 per share) (31 December 2019: SAR 12,305,911,460 divided into 1,230,591,146 with a nominal value of SAR 10 per share) (Note 33).

The objectives of the Company and its subsidiaries (the "Group") are to be engaged in various projects related to all stages of the mining industry, including development, advancement and improvement of the mineral industry, mineral products and by-products. These activities exclude:

- petroleum and natural gas and materials derived there from,
- any and all hydrocarbon substances, products, by-products and derivatives and
- activities related to all stages of the oil industry and the industries associated therewith and supplementary thereto.

The Group's principal mining activities are at the Mahd Ad-Dahab, Bulghah, Al-Amar, Sukhaybarat, As Suq, Ad Duwayhi, Al-Jalamid, Al-Khabra, Az Zabirah, Al-Ghazallah and Al-Ba'itha mines. Currently, the Group mainly mines gold, phosphate rock, bauxite, low-grade bauxite, kaolin and magnesite.

In response to the spread of the Covid-19 pandemic in the GCC and other territories where the Group operates and its consequential disruption to the social and economic activities in those markets, Ma'aden's management has proactively assessed its impacts on its operations and has taken a series of proactive and preventative measures, including activation of the crisis management committee and associated processes to:

- ensure the health and safety of its employees and contractors as well as the wider community where it is operating
- minimizing the impact of the pandemic on its operations and product supply to the market

Notwithstanding these challenges, and aside from the global commodity price deterioration, Ma'aden was successful in maintaining stable operations while maneuvering limited demand interruptions via successfully switching to different production grades and / or different customers to maintain product flow to the market. Ma'aden's management believes that the Covid-19 pandemic, by itself, has had limited direct material effects on Ma'aden's reported results for the quarter ended 31 March 2020. Ma'aden's management continues to monitor the situation closely.

2 Group structure

The Company has the following subsidiaries and joint ventures:

Subsidiaries incorporated in the Kingdom of Saudi Arabia	Type of company	Effective ownership		
		31 March 2020	31 March 2019	31 December 2019
Ma'aden Gold and Base Metals Company ("MGBM")	Limited liability company	100%	100%	100%
Ma'aden Infrastructure Company ("MIC")	Limited liability company	100%	100%	100%
Industrial Minerals Company ("IMC")	Limited liability company	100%	100%	100%
Ma'aden Fertilizer Company ("MFC")	Limited liability company	100%	100%	100%
Ma'aden Marketing and Distribution Company ("MMDC")	Limited liability company	100%	100%	100%
Ma'aden Rolling Company ("MRC")	Limited liability company	100%	74.9%	100%
Ma'aden Aluminium Company ("MAC")	Limited liability company	74.9%	74.9%	74.9%
Ma'aden Bauxite and Alumina Company ("MBAC")	Limited liability company	74.9%	74.9%	74.9%
Ma'aden Phosphate Company ("MPC")	Limited liability company	70%	70%	70%
Ma'aden Wa'ad Al-Shamal Phosphate Company ("MWSPC")	Limited liability company	60%	60%	60%
Joint ventures incorporated in the Kingdom of Saudi Arabia				
Ma'aden Barrick Copper Company ("MBCC")	Limited liability company	50%	50%	50%
Sahara and Ma'aden Petrochemicals Company ("SAMAPCO")	Limited liability company	50%	50%	50%

2 Group structure (continued)

Subsidiaries incorporated outside the Kingdom of Saudi Arabia	Type of company	Effective ownership		
		31 March 2020	31 March 2019	31 December 2019
<i>Incorporated in Mauritius:</i>				
Meridian Consolidated Investments Limited ("MCIL") – Incorporated in Mauritius	Limited liability company	85%	-	85%
MCIL has the following subsidiaries in which Ma'aden has an indirect ownership:				
Agroserve S.A.	Limited liability company	85%	-	85%
MCFI (Africa) Ltd	Limited liability company	85%	-	85%
Meridian Commodities Limited	Limited liability company	85%	-	85%
Meridian Group Services Limited	Limited liability company	85%	-	85%
V & M Grain Mauritius Limited	Limited liability company	85%	-	85%
<i>Incorporated in Malawi:</i>				
Farmers World Holdings Limited	Limited liability company	85%	-	85%
Agora Limited	Limited liability company	85%	-	85%
Farmers World Limited	Limited liability company	85%	-	85%
Grain Securities Limited	Limited liability company	85%	-	85%
Liwonde Property Investment Limited	Limited liability company	42.5%	-	42.5%
Malawi Fertilizer Company Limited	Limited liability company	85%	-	85%
Optichem (2000) Limited	Limited liability company	85%	-	85%
<i>Incorporated in Mozambique:</i>				
Mozambique Fertilizer Company Limited	Limited liability company	85%	-	85%
Transalt Limitada	Limited liability company	85%	-	85%
Transcargo Limitada	Limited liability company	85%	-	85%
MozGrain Limitada	Limited liability company	85%	-	85%
<i>Incorporated in Seychelles:</i>				
African Investment Group Limited	Limited liability company	85%	-	85%
<i>Incorporated in South Africa:</i>				
MG Administration Services Proprietary Limited	Limited liability company	85%	-	85%
<i>Incorporated in Zambia:</i>				
Fert, Seed and Grain Limited	Limited liability company	85%	-	85%
<i>Incorporated in Zimbabwe:</i>				
Ferts, Seed and Grain (Private) Limited	Limited liability company	85%	-	85%

The financial year end of all the subsidiaries and joint ventures incorporated inside the Kingdom of Saudi Arabia coincide with that of the parent company ("Ma'aden"), whereas the financial year end of all the subsidiaries incorporated outside the Kingdom of Saudi Arabia is 31st March.

2.1 MGBM

The company was incorporated on 9 August 1989 in the Kingdom of Saudi Arabia, which is also its principal place of business.

The objectives of the company are:

- the exploration and mining of gold and associated minerals within their existing mining lease areas by way of drilling, mining and concentrating and
- construct, operate and maintain all mines, buildings, highways, pipelines, refineries, treatment plants, communication systems, power plants and other facilities necessary or suitable for the purposes of the leases.

2.2 MIC

The company was incorporated on 18 August 2008 in the Kingdom of Saudi Arabia, which is also its principal place of business.

The objectives of the company are to:

- manage the infrastructure projects to develop, construct and operate the infrastructure and
- provide services to Ras Al-Khair area and other mining and industrial locations in the Kingdom of Saudi Arabia.

2.3 IMC

The company was incorporated on 31 March 2009 in the Kingdom of Saudi Arabia, which is also its principal place of business.

The objectives of the company are:

- the exploitation of industrial minerals within the existing mining lease areas by way of drilling, mining, concentrating, smelting and refining and
- extract, refine, export and sell such minerals in their original or refined form.

The company currently operates a kaolin and low grade bauxite mine in the central zone of Az Zabirah and a high grade magnesite mine at Al-Ghazallah and the processing plants at Al-Madinah Al-Munawarah. The Multiple Hearth Furnace "(MHF)" processing plant is fully operational and the Vertical Shaft Kiln "(VSK)" plant commenced commercial production on 1 August 2017.

2.4 MFC

The company was incorporated on 12 February 2019 in the Kingdom of Saudi Arabia, which is also its principal place of business.

The objectives of the company are:

- production of fertilizers, including phosphate and natural potassium minerals,
- mine minerals containing nitrogen and potassium,
- manufacture phosphate fertilizers, potassium fertilizers, Urea and phosphate and potassium and
- produce nitric acid, ammonia and potassium nitrate.

2.5 MMDC

The company was incorporated on 13 February 2019 in the Kingdom of Saudi Arabia, which is also its principal place of business.

The objectives of the company are:

- to be a vehicle for Ma'aden to build a fertilizer distribution business in the most important global fertilizer markets.

On 18 April 2019 MMDC signed an agreement, dated, to acquire 85% of Meridian Consolidated Investments Limited "(MCIL)" (Meridian Group or Meridian), a leading fertilizer distribution company operating in East and Southern Africa. Meridian already sells close to half a million tonnes of fertilizer every year through its network of facilities including fertilizer granulation and blending plants, warehouses and port facilities across Malawi, Zimbabwe, Zambia and Mozambique.

On 8 August 2019, acquisition of 85% of Meridian was completed after obtaining all the necessary regulatory and legal approvals.

2.6 MRC

The company was incorporated on 10 October 2010 in the Kingdom of Saudi Arabia, which is also its principal place of business and until 26 June 2019 was owned:

- 74.9% by Saudi Arabian Mining Company ("Ma'aden") and
- 25.1% by Alcoa Saudi Rolling Inversiones S.L. ("ASRI"), a foreign shareholder, a company wholly owned by Alcoa Corporation, which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1).

The objectives of the company are the production of:

- can body sheets,
- can ends stock and
- automotive heat treated and non-heat treated sheets.

The company declared commercial production for the flat rolled products on 9 December 2018, however, the automotive sheet project commenced commercial production on 1 September 2019.

On 26 June 2019, an "Asset Transfer Agreement" was signed between Ma'aden, MRC and ASRI resolving to transfer the ownership of the automotive sheet project to MRC at the carrying amount of the assets and in consideration, the capital contribution of Ma'aden and ASRI was increased in MRC (Note 38).

On 26 June 2019, Ma'aden and ASRI signed an agreement whereby ASRI transferred shares of the company representing 25.1% of the share capital in MRC to Ma'aden (Note 37.3). Ma'aden now owns 100% of MRC.

2.7 MAC

The company was incorporated on 10 October 2010 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 74.9% by Saudi Arabian Mining Company ("Ma'aden") and
- 25.1% by Alcoa Saudi Smelting Inversiones S.L. ("ASSI"), a foreign shareholder, a company wholly owned by Alcoa Corporation, which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1).

The objectives of the company are the production of primary aluminium products:

- Ingots,
- T shape ingots,
- slabs and
- billets.

2.8 MBAC

The company was incorporated on 22 January 2011 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 74.9% by Saudi Arabian Mining Company ("Ma'aden") and
- 25.1% by AWA Saudi Limited ("AWA"), a foreign shareholder, which is owned 60% by Alcoa Corporation and 40% by Alumina Limited, an unrelated third party, which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1).

The objectives of the company are to:

- exploit the Al-Ba'itha bauxite deposits,
- produce and refine bauxite and
- produce alumina.

2.9 MPC

The company was incorporated on 1 January 2008 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 70% by Saudi Arabian Mining Company ("Ma'aden") and
- 30% by Saudi Basic Industries Corporation ("SABIC"), which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1).

The objectives of the company are to:

- exploit the Al-Jalamid phosphate deposits,
- utilize local natural gas and sulphur resources to manufacture Phosphate fertilizers at the processing facilities at Ras Al-Khair and
- produce ammonia as a raw material feed stock for the production of fertilizer with the excess ammonia exported or sold domestically.

2.10 MWSPC

The company was incorporated on 27 January 2014 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 60% by Saudi Arabian Mining Company ("Ma'aden"),
- 25% by Mosaic Phosphate B.V., a foreign shareholder, a limited liability company registered in Netherlands wholly owned by The Mosaic Company ("Mosaic"), which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1) and
- 15% by Saudi Basic Industries Corporation ("SABIC"), which is accounted for as a non-controlling interest in these consolidated interim financial statements (Note 37.1).

The objectives of the Company are the production of:

- di-ammonium and mono-ammonium phosphate fertilizer,
- ammonia,
- purified phosphoric acid,
- phosphoric acid,
- sulphuric acid and
- sulphate of potash

The company declared commercial production on 2 December 2018, except for the ammonia plant for which commercial production was declared on 1 January 2017.

2.11 SAMAPCO

The company was incorporated on 14 August 2011 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 50% by Saudi Arabian Mining Company ("Ma'aden") (Note 23.2.3) and
- 50% by Sahara Petrochemical Company.

SAMAPCO is a joint venture project and is accounted for as an investment in a joint venture under the equity method of accounting in these consolidated interim financial statements.

The objectives of the company are the production of:

- concentrated caustic soda,
- chlorine and
- ethylene dichloride.

The operations of the company include the production and supply of:

- Concentrated caustic soda (CCS) feedstock to the alumina refinery at MBAC and to sell any excess production not taken up by Ma'aden in the wholesale and retail market and
- Ethylene dichloride (EDC) in the wholesale and retail market.

2.12 MBCC

The company was incorporated on 2 November 2014 in the Kingdom of Saudi Arabia, which is also its principal place of business and is owned:

- 50% by Saudi Arabian Mining Company ("Ma'aden") (Note 23.1.3) and
- 50% by Barrick Middle East (Pty) Limited ("Barrick"), a foreign shareholder.

MBCC is a joint venture project and is accounted for as an investment in a joint venture under the equity method of accounting in these consolidated interim financial statements.

The objectives of the company are the production of copper concentrate and associated minerals within their existing mining lease area by way of drilling, mining and concentrating.

3 Basis of preparation

Statement of compliance

The consolidated interim financial statements have been prepared in accordance with:

- International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB) and
- interpretations issued by the International Financial Reporting Interpretations Committee (IFRIC) applicable to companies reporting under IFRS.

The consolidated interim financial statements fully comply with IFRS and other standards and pronouncements that are issued by Saudi Organization for Certified Public Accountants (SOCPA), as endorsed in the Kingdom of Saudi Arabia for financial reporting.

The Group has prepared a complete set of consolidated interim financial statements for its interim financial reporting, as allowed under **IAS 34 - "Interim financial reporting"**. Accordingly, these consolidated interim financial statements conform to the requirements of **IAS 1 - "Presentation of financial statements"**, relating to a complete set of financial statements.

The consolidated interim financial statements have been prepared on the historical cost basis except where IFRS requires other measurement basis as disclosed in the applicable accounting policies in Note 4 – Summary of significant accounting policies.

These consolidated interim financial statements are presented in SAR which is both the functional and reporting currency of the Group.

New IFRS standards, amendments to standards and interpretations not yet adopted

Certain new accounting standards, amendments to standards and interpretations have been published by the IASB that are not mandatory for 31 December 2020 reporting periods and have not been early adopted by the Group. These standards are not expected to have a material impact on the Group in the current or future reporting periods and on foreseeable future transactions.

New and amended IFRS standards adopted by the Group

There are no new standards applicable to the Group, however, the Group has applied the following amendments to the standards for the first time for their reporting periods commencing on or after 1 January 2020:

Amendments to IFRS 9, IAS 39 and IFRS 7 - Interest rate benchmark reform

These amendments provide certain reliefs in connection with interest rate benchmark reform. The reliefs relate to hedge accounting and have the effect that Interbank Offered Rate ("IBOR") reform should not generally cause hedge accounting to terminate. However, any hedge ineffectiveness should continue to be recorded in the statement of profit or loss and other comprehensive income (Note 42).

Other amendments to standards

Certain other amendments to standards became applicable for the current reporting period. The Group did not have to change its accounting policies or make retrospective adjustments as a result of adopting these amendments to standards.

4 Summary of significant accounting policies

The significant accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all years presented.

4.1 Basis of consolidation and equity accounting

Subsidiaries

The consolidated financial statements of the Group incorporate the financial statements of the Company and its subsidiaries. Subsidiaries are entities controlled by the Group. Control exists when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee.

Specifically, the Group controls an investee if, and only if, the Group has all of the following three elements:

- power over the investee (i.e., existing rights that give it the current ability to direct the relevant activities of the investee),
- exposure, or rights, to variable returns from its involvement with the investee and
- the ability to use its power over the investee to affect its returns.

Subsidiaries are consolidated from the date on which control is transferred to the Group. They are de-consolidated from the date that control ceases.

Intra-group investments, transactions, balances and unrealized gains or losses on transactions between Group companies are eliminated. The accounting policies of the subsidiaries are consistent with those adopted by the Group.

Non-controlling interests in the results and equity of not wholly owned subsidiaries are shown separately in the consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and consolidated statement of financial position, respectively.

Business combinations

The Group accounts for business combinations using the acquisition method when control is transferred to the Group. The Group measures goodwill as the fair value of the consideration transferred including the recognized amount of any non-controlling interest in the acquiree, less the fair value of the identifiable assets acquired and liabilities and contingent liabilities assumed, all measured as of the acquisition date. When the excess is negative, a bargain purchase gain is recognized immediately directly in retained earnings in the consolidated statement of changes in equity.

Non-controlling interest is measured at their proportionate share of the acquiree's identifiable net assets at the date of acquisition. If the business combination is achieved in stages, the carrying value of the Group's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date. Any gains or losses arising from such remeasurement are recognised in profit or loss. Intra-group balances and transactions, and any unrealised income and expenses arising from intra-group transactions, are eliminated. Accounting policies of subsidiaries are aligned, where necessary, to ensure consistency with the policies adopted by the Group.

Transaction costs that the Company incurs in connection with a business combination are expensed as incurred.

Joint ventures

A joint venture exists where the Group has a contractual arrangements (rights and obligations) in place, with one or more parties, to undertake activities typically, however not necessarily, through a legal entity that is subject to joint control.

Interests in joint ventures are accounted for using the equity method of accounting. The investments are initially recognised at cost and adjusted thereafter to recognise the Group's share of:

- the post-acquisition profits or losses of the investee in the consolidated statement of profit or loss and
- the movements in other comprehensive income of the investee in the consolidated statement of other comprehensive income.

4.1 Basis of consolidation and equity accounting (continued)

The Group's share of the results of joint ventures is based on the financial statements prepared up to consolidated statement of financial position date, adjusted to conform with the accounting policies of the Group, if any.

Dividends received or receivable from joint ventures are recognised as a reduction in the carrying amount of the investment when the right to receive a dividend is established.

When the Group's share of losses in an equity-accounted investment equals or exceeds its interest in the entity, including any other unsecured long-term receivables, the Group does not recognise any further losses, unless it has incurred obligations or made payments on behalf of the other entity.

Unrealised gains on transactions between the Group and its joint ventures are eliminated to the extent of the Group's interest in these entities. Unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred. Accounting policies of equity accounted investees have been changed, where necessary, to ensure consistency with the policies adopted by the Group.

The carrying amount of equity-accounted investments is tested for impairment in accordance with the policy described in Note 4.11.

4.2 Foreign currency translation

Foreign currency transactions are translated into SAR at the rate of exchange prevailing at the date the transaction first qualifies for recognition and are initially recorded by each entity in the Group.

Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated into Saudi Riyals at the rate of exchange prevailing at the reporting date. Gains and losses from settlement and translation of foreign currency transactions are included in the consolidated statement of profit or loss.

4.3 Revenue recognition

Revenue comprises of sales to third parties and is measured based on the considerations specified in contracts with customers and excludes rebates and amounts, if any, collected on behalf of third parties. Revenue is recognised, when (or as) the Group satisfies the performance obligations as specified in the contract with the customer (buyer), when the seller has transferred to the customer (buyer) control over the promised goods and services, either:

- at a point in time or
- over a time basis equivalent to the stage of completion of the service.

The Group recognizes revenue from the following main sources:

- a) Sale of the following goods directly to the customers:
 - Phosphate fertilizer, ammonia and industrial minerals
 - Alumina, primary aluminium products and flat rolled products
 - Gold bullion (including by-products like copper, zinc and silver concentrate)
- b) Rendering of the following services directly to the customers:
 - Transportation of goods

The timing and measurement of revenue recognition for the above-mentioned main sources of revenue i.e. sales of goods and rendering of services directly to customers are as follows:

Sales of phosphate fertilizer, ammonia and industrial minerals

The Group, as principal, sells phosphate fertilizer, ammonia and industrial minerals products directly to customers and also through two marketing agents SABIC and The Mosaic Company, acting as agents, for the sale of phosphate fertilizer and ammonia.

4.3 Revenue recognition (continued)

The Group sells a significant proportion of its goods on Cost and freight ocean transport ("CFR") International Commercial terms ("Incoterms") and therefore, the Group is responsible for providing shipping services after the date at which control over the promised goods have passed to the customer at the loading port. The Group is therefore, responsible for the satisfaction of two performance obligations under its CFR contracts with the customers and recognizes revenue as follows:

- sale and delivery of goods at the loading port resulting in the transfer of control over such promised goods to the customer and recognizing the related revenue at a point in time basis and
- shipping services for the delivery of the promised goods to the customer's port of destination and recognizing the related revenue over a time basis, equivalent to the stage of completion of the services.

At the loading port, quality and quantity control of the promised goods are carried out by independent internationally accredited consultants before the loading of the vessel, in accordance with the specifications contained in the contract. The physical loading of the approved promised goods on the vessel, satisfies the Group's performance obligation and triggers the recognition of revenue at a point in time.

Ma'aden has full discretion over the price to sell the goods. The selling price includes revenue generated from the sale of goods and transportation services depending on the Incoterms contained in the contract with the customer. The selling price is therefore unbundled or disaggregated into these two performance obligations, being:

- the sale of the promised goods and
- the transportation thereof and it is being disclosed separately.

The Group recognizes a trade receivable for the sale and delivery of the promised goods when the goods, delivered to the loading port, are loaded on to the vessel as this represents the point in time at which the right to consideration becomes unconditional, as only the passage of time is required before payment is due. However, the trade receivable related to the transportation service are recognized over time, if material, based on the stage of completion of service which is assessed at the end of each reporting period. The disaggregation between separate performance obligations is done based on the standalone selling price.

All shipping and handling costs incurred by the Group, in relation to the satisfaction of performance obligation for the transportation of the promised goods, under CFR contracts with the customers, are recognized as cost of sales in the consolidated statement of profit or loss.

Sale of alumina, primary aluminium products and flat rolled products

The Group, as principal, sells alumina, primary aluminium products and flat rolled products directly to customers and in accordance with the contract, the promised goods are provisionally priced. The sales price is not settled until a predetermined future date and is based on the market price at a time or over a pre-defined period of time. Revenue on these sales is initially recognized (when all the above criteria are met), at a provisional price based on the pricing mechanism as specified in the contract. Provisionally priced sales are marked-to-market at each reporting date using the forward price for the period equivalent to that outlined in the contract and in the carrying amount of the outstanding trade receivable.

Sale of gold bullion and concentrates

The Group, as principal, sells gold bullion and by-products like copper, zinc and silver concentrate directly to customers under contract, which vary in tenure and pricing mechanisms. The Group's primary product is gold and the concentrates produced as part of the extraction process are considered to be by-products arising from the production of gold. Revenues from by-product sales are insignificant and are credited to production cost applicable to gold bullion sales as a by-product credit.

• Gold bullion sales

The Group primarily sells gold bullion in the spot market. The selling price is fixed on the date of sale based on the gold spot price and the revenue and related trade receivable is recognized, at a point in time basis, when the gold bullion is delivered to the airport, which is also the date, the place and the time that the control over the gold bullion is transferred to the customer.

Sales revenue is commonly subject to a quantity adjustment based on a fire assay of the gold bullion upon arrival at the refinery of the customer.

The sales revenue of a bullion bar is based on provisionally invoiced quantities. The Group uses the "expected value method" to recognize revenue on provisionally invoiced quantities. The revenue recognized is based on probability of gold content and includes a range of possible consideration amounts.

4.3 Revenue recognition (continued)

• Metal concentrate sales

Revenue from the sale of metal concentrates (copper, zinc and silver) is based on selling prices that are provisionally set, for a specified future date after shipment, based on ruling market prices. Sales revenue and the related trade receivable is recognized, at a point in time basis, at the time of shipment, which is also the date that the control transfers to the customer.

The final selling price on such concentrates is settled within a predetermined future date and is based on the ruling market price at that time or over a quotation period stipulated in the contract. Revenue for provisionally priced metal concentrates is initially recognized at the current market price. However, subsequently at each reporting date, such provisionally priced sales are marked-to-market using the relevant forward market prices for the period stipulated in the contract. This marked-to-market adjustment is directly recognized in sales and in the carrying amount of the outstanding trade receivable.

Income from time deposits

Investment income on time deposits is accrued on a time basis, by reference to the principal outstanding and at the applicable effective interest rate.

4.4 Selling, marketing and logistic expenses

Selling, marketing and logistic expenses comprise of all costs for selling, marketing and transportation of the Group's products and include expenses for advertising, marketing fees, other sales related. Allocation between selling, marketing and logistic expenses and cost of sales are made on a consistent basis, when required.

4.5 General and administrative expenses

General and administrative expenses include direct and indirect costs not specifically part of cost of sales or the selling, marketing and logistics activity of the Group. Allocation between general and administrative expenses and cost of sales are made on a consistent basis, when required.

4.6 Earnings per share

Basic and diluted earnings per share from continuing operations is calculated by dividing:

- the profit from continuing operations attributable to ordinary shareholders of the parent company
- by the weighted average number of ordinary shares outstanding during the financial year.

The Group has not issued any potential ordinary shares, therefore the basic and diluted earnings per share are the same.

4.7 Mine properties and property, plant and equipment

Mine properties and property, plant and equipment

Freehold land is carried at historical cost and is not depreciated.

Mine properties and property, plant and equipment are carried at historical cost less accumulated depreciation and impairment losses. Cost includes expenditure that is directly attributable to the acquisition and development of the asset and includes:

- the purchase price,
- costs directly attributable to bring the asset to its location and condition necessary for it to be capable of operating in the manner intended by management,
- the initial estimate of any mine closure, rehabilitation and decommissioning obligation and
- for qualifying assets, that take a substantial period of time to get ready for their intended use, the applicable borrowing costs.

Mine properties are depreciated using the unit of production ("UOP") method, based on economically recoverable proven and probable ore reserves of the mine concerned, except in the case of those mining assets whose economic useful life is shorter than the life-of-mine ("LOM"), in which case the straight line method is applied.

4.7 Mine properties and property, plant and equipment (continued)

Property, plant and equipment are carried at cost less accumulated depreciation. Depreciation is charged to the consolidated statement of profit or loss using the straight line method. Significant components of an item of mine properties and property, plant and equipment are separately identified and depreciated using the economic useful life of the component.

Buildings and items of plant and equipment for which the consumption of economic benefit is linked primarily to utilization or to throughput rather than production, are depreciated at varying rates on a straight line method over their economic useful lives or the LOM, whichever is the shorter.

Depreciation is charged to the consolidated statement of profit or loss to allocate the costs of the related assets less their residual values over the following estimated economic useful lives:

Categories of assets	Number of years
• Mine properties	Using UOP method over the economically recoverable proven and probable reserves or straight line method over the economic useful life, whichever is shorter
• Civil works	4 – 50
• Buildings	9 – 40
• Heavy equipment	5 – 40
• Other equipment including mobile and workshop equipment, laboratory and safety equipment and computer equipment	4 – 40
• Fixed plant	4 – 20
• Office equipment	4 – 10
• Furniture and fittings	4 – 10
• Motor vehicles	4

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. The carrying amount of any component accounted for as a separate asset is derecognised when replaced. All other repairs and maintenance are charged to the consolidated statement of profit or loss during the reporting period in which they are incurred. Maintenance and normal repairs which do not extend the estimated economic useful life of an asset or increase the production output are charged to the consolidated statement of profit or loss as and when incurred.

The assets' residual values and estimated economic useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount and are included in the consolidated statement of profit or loss.

Exploration and evaluation assets

Exploration and evaluation expenditure is expensed in the period in which it is incurred.

Exploration expenditures relates to the costs incurred in the initial search for mineral deposits with economic potential or in the process of obtaining more information about existing mineral deposits. Exploration expenditures typically include costs associated with:

- acquisition of the exploration rights to explore,
- topographical, geological, geochemical and geophysical studies,
- exploration drilling,
- trenching,
- sampling and
- activities in relation to evaluating the technical feasibility and commercial viability of extracting a mineral resource.

4.7 Mine properties and property, plant and equipment (continued)

Evaluation expenditures relates to the costs incurred to establish the technical and commercial viability of developing mineral deposits identified through exploration activities or by acquisition. Evaluation expenditures include the cost of:

- establishing the volume and grade of deposits through drilling of core samples, trenching and sampling activities in an ore body that is classified as either a mineral resource or a proven and probable reserve,
- determining the optimal methods of extraction and metallurgical and treatment processes,
- studies related to surveying, transportation and infrastructure requirements in relation to both production and shipping,
- permitting activities and
- economic evaluations to determine whether development of the mineralized material is commercially justified, including scoping, prefeasibility and final feasibility study.

All exploration and evaluation costs are expensed until prospective mineral exploration project is identified as having economic development potential. The information used to make that determination depends on the level of exploration as well as the degree of confidence in the ore body. Exploration and evaluation expenditures are capitalised as a tangible asset, if management determines that future economic benefits could be generated as a result of these expenditures.

Exploration and evaluation expenditure relating to extensions of mineral deposits which are already being mined or developed, including expenditure on the definition of mineralization of such mineral deposits, is capitalised as mine development cost following the completion of an economic evaluation equivalent to a feasibility study.

All exploration and evaluation costs incurred after management has concluded that economic benefit is more likely to be realized than not, i.e. "probable" and are capitalised as "Exploration and evaluation assets" only until the technical feasibility and commercial viability of extracting of the mineral resource are demonstrable. Once the technical feasibility and commercial viability is demonstrable i.e. economic benefit will or will not be realised, the asset is tested for impairment and any impairment loss is recognised.

Exploration and evaluation assets are carried at historical cost less impairment. Exploration and evaluation assets are not depreciated.

For the purposes of exploration and evaluation assets only, one or more of the following facts and circumstances are considered for identifying whether or not exploration and evaluation assets may be impaired. These include the following:

- the period for which the entity has the right to explore in the specific area has expired during the period or will expire in the near future, and is not expected to be renewed,
- substantive expenditure on further exploration and evaluation of mineral resources in the specific area is neither budgeted nor planned,
- exploration for and evaluation of mineral resources in the specific area have not led to the discovery of commercially viable quantities of mineral resources and the entity has decided to discontinue such activities in the specific area and
- sufficient data exist to indicate that, although a development in the specific area is likely to proceed, the carrying amount of the exploration and evaluation asset is unlikely to be recovered in full from successful development or by sale.

Once it has been identified that an exploration and evaluation asset may be impaired, the entity performs impairment on exploration and evaluation assets as specified in Note 4.11. Based on the final technical scope, receipt of mining license and commercial feasibility, if the economic benefit will be realized and management intends to develop and execute the mine, the exploration and evaluation asset is transferred to "Mine under construction".

Once the commissioning phase is successfully completed and the declaration of commercial production stage has been reached, the capitalized "Mine under construction" is reclassified as "Operating mines".

Cash flows attributable to capitalized exploration and evaluation assets are classified as investing activities in the consolidated statement of cash flows.

4.7 Mine properties and property, plant and equipment (continued)

Stripping activity asset and stripping activity expense

Ma'aden incurs stripping (waste removal) costs during the development and production stages of its open pit mining operations.

Stripping costs incurred during the development stage of an open pit mine in order to access the underlying ore deposit are capitalised prior to the commencement of commercial production. Such costs are then amortised over the remaining life of the ore body (for which access has improved), using the unit of production ("UOP") method over economically recoverable proven and probable reserves.

Stripping activities during production stage generally creates two types of benefits being as follows:

- production of inventory or
- improved access to a component of the ore body to be mined in the future.

Where the benefits are realized in the form of inventory produced in the period under review, the production stripping costs are accounted for as part of the cost of producing those inventories.

Where the benefits are realized in the form of improved access to a component of the ore body to be mined in the future, the costs are recognized as a non-current asset, referred to as a 'Stripping activity asset', provided that all the following conditions are met:

- it is probable that the future economic benefits associated with the stripping activity will be realized,
- the component of the ore body for which the access has been improved can be identified and
- the costs relating to the stripping activity associated with the improved access can be reliably measured.

If all of the conditions are not met, the production stripping costs are charged to the consolidated statement of profit or loss, as production costs of inventories as they are incurred.

The stripping activity asset is initially measured at cost, being the directly attributable cost for mining activity which improves access to the identified component of the ore body, plus an allocation of directly attributable overhead costs. Incidental operations occurring at the same time as the production stripping activity which are not necessary for the production stripping activity to continue as planned are not included in the cost of the stripping activity asset.

The stripping activity asset is accounted for as an addition to, or an enhancement of, an existing mining asset, being a tangible asset (based upon the nature of existing asset) as part of mine properties in the consolidated statement of financial position. This forms part of the total investment in the relevant cash generating unit(s), which is reviewed for impairment if events or changes of circumstances indicate that the carrying value may not be recoverable.

The stripping activity asset is subsequently depreciated using the UOP method over the life of the identified component of the ore body that became more accessible as a result of the stripping activity. Economically recoverable proven and probable reserves are used to determine the expected useful life of the identified component of the ore body. The stripping activity asset is then carried at cost less accumulated depreciation and any impairment losses.

4.8 Right-of-use assets and lease liabilities

The Group assesses whether a contract is or contains a lease, at inception of a contract. The Group recognises a right-of-use asset and a corresponding lease liability with respect to all lease agreements in which it is the lessee, except for short-term leases (defined as leases with a lease term of 12 months or less) and leases of low-value assets. For these leases, the Group recognises the lease payments as an operating expense on a straight-line basis over the term of the lease unless another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

4.8 Right-of-use assets and lease liabilities (continued)

Right-of-use assets (RoU)

The right-of-use assets comprise the initial measurement of the corresponding lease liability, lease payments made at or before the commencement day and any initial direct costs. They are subsequently measured at cost less accumulated depreciation and impairment losses.

Whenever the Group incurs an obligation for costs to dismantle and remove a leased asset, restore the site on which it is located or restore the underlying asset to the condition required by the terms and conditions of the lease, a provision is recognised and measured under IAS 37. The costs are included in the related right-of-use asset, unless those costs are incurred to produce inventories.

Right-of-use assets are depreciated over the shorter period of the lease term or the economic useful life of the underlying asset. If a lease transfers ownership of the underlying asset or the cost of the right-of-use asset reflects that the Group expects to exercise a purchase option, the related right-of-use asset is depreciated over the economic useful life of the underlying asset. The depreciation starts at the commencement date of the lease.

The right-of-use assets are presented as a separate line in the consolidated statement of financial position.

The Group applies **IAS 36 - Impairment of assets** to determine whether a right-of-use asset is impaired and accounts for any identified impairment loss as described in Note 4.11.

Variable rents that do not depend on an index or rate are not included in the measurement the lease liability and the right-of-use asset. The related payments are recognised as an expense in the period in which the event or condition that triggers those payments occurs and are included in the line "other expenses" in the consolidated statement of profit or loss.

Lease liabilities

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted by using the rate implicit in the lease. If this rate cannot be readily determined, the Group uses its incremental borrowing rate.

Lease payments included in the measurement of the lease liability comprise:

- fixed lease payments (including in-substance fixed payments), less any lease incentives;
- variable lease payments that depend on an index or rate, initially measured using the index or rate at the commencement date;
- the amount expected to be payable by the lessee under residual value guarantees;
- the exercise price of purchase options, if the lessee is reasonably certain to exercise the options; and
- payments of penalties for terminating the lease, if the lease term reflects the exercise of an option to terminate the lease.

The lease liability is presented as a separate line in the consolidated statement of financial position.

The lease liability is subsequently measured by increasing the carrying amount to reflect interest on the lease liability (using the effective interest rate method) and by reducing the carrying amount to reflect the lease payments made.

The Group remeasures the lease liability (and makes a corresponding adjustment to the related right-of-use asset) whenever

- the lease term has changed or there is a change in the assessment of exercise of a purchase option, in which case the lease liability is remeasured by discounting the revised lease payments using a revised discount rate.
- the lease payments change due to changes in an index or rate or a change in expected payment under a guaranteed residual value, in which cases the lease liability is remeasured by discounting the revised lease payments using the initial discount rate (unless the lease payments change is due to a change in a floating interest rate, in which case a revised discount rate is used).
- a lease contract is modified and the lease modification is not accounted for as a separate lease, in which case the lease liability is remeasured by discounting the revised lease payments using a revised discount rate.

4.9 Capital work-in-progress

Assets in the course of construction or development are capitalised in the capital work-in-progress account. The mine under construction or the asset under construction or development is transferred to the appropriate category in mine properties or property, plant and equipment or intangible assets (depending on the nature of the project), once the asset is in a location and / or condition necessary for it to be capable of operating in the manner intended by management.

The cost of an item of capital work-in-progress comprises its purchase price, construction / development cost and any other cost directly attributable to the construction or acquisition of an item intended by management. Costs associated with commissioning the items (prior to its being available for use) are capitalised net of the proceeds from the sale of any production during the commissioning period.

Borrowing costs related to qualifying assets are capitalised as part of the cost of the qualified assets until the commencement of commercial production.

Capital work-in-progress is measured at cost less any recognized impairment.

Capital work-in-progress is not depreciated.

Depreciation only commences when the assets are capable of operating in the manner intended by management, at which point they are transferred to the appropriate asset category.

4.10 Intangible assets and goodwill

Intangible assets acquired separately are initially recognised and measured at cost. Following initial recognition, intangible assets are measured at cost less accumulated amortisation and impairment losses, where applicable.

Internally generated intangibles, excluding capitalised development costs, are not capitalised. Instead, the related expenditure is recognised in the consolidated statement of profit or loss in the period in which the expenditure is incurred.

The useful lives of intangible assets are assessed as either finite or indefinite.

Intangible assets with finite lives are amortised over their respective economic useful lives, using the straight-line method and assessed for impairment whenever there is an indication that the intangible asset may be impaired. Amortisation methods, residual values and estimated economic useful lives are reviewed at least annually. The amortisation expense of intangible assets with finite lives is recognised in the consolidated statement of profit or loss within the expense category that is consistent with the function of the intangible assets. The Group amortizes intangible assets with a limited useful life using the straight-line method over the following years:

Categories of intangible assets	Number of years
• Infrastructure (Contractual right-to-use)	35
• Internally developed software (ERP System)	4 - 10
• Technical development	5 - 7
• Software and licenses (mine related)	Over life-of-mine using straight line method

The Group tests an intangible asset with an indefinite useful life for impairment by comparing its recoverable amount with its carrying amount either annually or whenever there is an indication that the intangible asset may be impaired.

Gains or losses arising from derecognition of an intangible asset are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in the consolidated statement of profit or loss when the asset is derecognized.

4.10 Intangible assets and goodwill (continued)

Goodwill

Goodwill arising on acquisition of a business is included in intangible assets.

Goodwill arising on acquisition of a business is carried at cost as at the acquisition date. Goodwill is not amortised but it is tested for impairment annually, or more frequently if events or changes in circumstances indicate that it might be impaired, and is carried at cost less impairment losses.

For the purpose of impairment testing, goodwill acquired in a business combination is, from the acquisition date, allocated to the cash-generating units ("CGU") that are expected to benefit from the synergies of the combination and represents the lowest level at which goodwill is monitored for internal management purposes. A CGU to which goodwill has been allocated is tested for impairment annually, or more frequently if events or changes in circumstances indicate that it might be impaired. If the recoverable amount of the CGU is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the CGU and then to the other assets of the CGU on pro-rata based on the carrying amount of each asset in the CGU.

Any impairment loss is recognized immediately in the consolidated statement of profit or loss and other comprehensive income. Impairment of goodwill is not subsequently reversed.

Customer relationships and non-core contracts

Customer relationships and non-core contracts acquired in a business combination are recognized at fair value at the acquisition date. They have a finite useful life and are subsequently carried at cost less accumulated amortisation and impairment losses, where applicable.

Categories of intangible assets

Number of years

• customer relationships	10
• non-core contracts	4
• Goodwill	Not amortised but tested for impairment

4.11 Impairment of mine properties, property, plant and equipment, right-of-use assets, capital work-in-progress and intangible assets excluding goodwill

At each reporting date, the Group reviews the carrying amounts of its mine properties, property, plant and equipment, right-of-use assets, capital work-in-progress and intangible assets to determine whether there is any indication that those assets are impaired. If such an indication exists, the recoverable amount of the asset is estimated in order to determine the extent of any impairment. Where the asset does not generate cash flows that are independent from other assets, the Group estimates the recoverable amount of the cash generating unit ("CGU") to which the asset belongs. An intangible asset with an indefinite useful life is tested for impairment annually or whenever there is an indication that the asset may be impaired.

Recoverable amount is the higher of fair value less costs of disposal ("FVLCD") or value-in-use ("VIU"). In assessing VIU, the estimated future cash flows are discounted to their present value using a discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset or CGU is estimated to be less than its carrying amount, the carrying amount of the asset or CGU is reduced to its recoverable amount. An impairment loss is recognized in the operating section of the consolidated statement of profit or loss.

Assets or CGUs (other than the goodwill component) for which an impairment loss had been previously recorded, could reverse the impairment loss allocated if, and only if, there has been a change in the estimates used in determining the asset's or CGU's recoverable amount since the last impairment loss was recognised.

Where an impairment loss subsequently reverses, the carrying amount of the asset or CGU is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment been recognized for the asset or CGU. A reversal of an impairment loss is recognized in the operating section of the consolidated statement of profit or loss.

4.12 Inventories

Finished goods

Saleable finished goods are measured at the lower of unit cost of production for the period or net realizable value. The unit cost of production is determined as the total cost of production for the period divided by the saleable unit output for the period.

Cost assigned to saleable inventories on hand at the reporting date, arising from the conversion process, is determined by the unit cost of production and comprises of:

- labor costs, materials and contractor expenses which are directly attributable to the extraction and processing of ore,
- the depreciation of mining properties, plant and equipment and right-of-use assets used in the extraction and processing of ore and the amortisation of any stripping activity assets,
- direct production overheads and
- the revenue generated from the sale of by-products is credited against production costs.

Net realizable value is the estimated selling price in the ordinary course of business, less the costs of completion and selling expenses.

By-products are valued at net realizable value, with reference to the spot price of the commodities ruling at the reporting date.

Work-in-process

The cost of work-in-process is determined using unit cost of production for the period based on the percentage of completion at the applicable stage and the estimated recoverable content:

- labor costs, materials and contractor expenses which are directly attributable to the extraction and processing of ore, and production activities,
- the depreciation of mining properties and right-of-use assets used in the extraction and processing of ore, and the amortisation of any deferred stripping assets and
- direct production overheads.

Net realizable value is the estimated selling price in the ordinary course of business using the same percentage of completion at the applicable stage, the estimated recoverable content less any selling expense.

Ore stockpiles

Ore stockpiles represent ore that has been extracted from the mine, and considered to be of future economic benefits under current prices and is available for further processing. If the ore stockpiles is not expected to be processed in the next 12 months after the reporting date, it is included in non-current assets. Cost of ore stockpiles is determined by using the weighted average cost method. If the ore is considered not to be economically viable it is expensed immediately.

If there is significant uncertainty as to when the stockpiled ore will be processed, the cost is expensed as incurred. Where the future processing of this ore can be predicted with confidence because it exceeds the mine's cut-off grade and is economically viable, it is valued at the lower of cost of production or net realizable value. Quantities and grades of stockpiles and work-in-process are assessed primarily through surveys and assays.

Spares and consumables

Spares and consumable inventory are valued at lower of cost or net realizable value. Cost is determined on the weighted average cost method. An allowance for obsolete and slow moving items, if any, is estimated at each reporting date.

Net realizable value is the estimated selling price less selling expenses.

Raw materials

Raw materials are valued at the lower of cost or net realizable value. Cost is determined on the weighted average cost method.

Net realizable value is the estimated selling price less selling expenses.

4.13 Trade and other receivables

Trade receivables

Trade receivables are recognized initially at fair value and subsequently measured at either amortized cost using the effective interest method less expected credit loss ("ECL") allowance, if any, or at fair value through profit and loss. See Note 4.16 for a description of the Group's impairment policies.

Trade receivables that do not meet the criteria for amortized cost or fair value through other comprehensive income ("FVOCI") are measured at fair value through profit or loss ("FVTPL"). Any gain or loss arising on such trade receivables, if material, is recognized in the consolidated statement of profit or loss and other comprehensive income and presented within revenue.

Employees' home ownership program receivable

Certain companies of the Group have established an employees' home ownership program (HOP) that offers eligible employees the opportunity to buy housing units constructed by the company through a series of payments over a particular number of years. Ownership of the housing unit is transferred to the employee upon completion of the full payment (Note 4.21).

Under the HOP, the housing units are classified under other non-current assets as long-term employees' home ownership program receivable upon signing of the sales contract with the eligible employees. The monthly installments paid by the employee towards the housing unit are repayable back to the employee in case the employee discontinues employment to the extent of the amounts paid in addition to the monthly housing allowance and the house is returned back to the company.

4.14 Time deposits

Time deposits include placements with banks and other short term highly liquid investments, with original maturities of more than three months but not more than one year from the date of acquisition. Time deposits are placed with financial institutions with investment grade rating, which are considered to have low credit risk, hence a provision is recognised at an amount equal to 12 month's ECL, unless there is evidence of significant increase in credit risk of the counter party.

4.15 Cash and cash equivalents

Cash and cash equivalents comprise of cash on hand, cash held at banks and time deposits with an original maturity of three months or less at the date of acquisition, which are readily convertible into known amounts of cash and that are subject to an insignificant risk of changes in value.

Restricted cash and cash equivalents that are not available for use by the Group and are excluded from cash and cash equivalents for the purposes of the consolidated statement of cash flows. Restricted cash and cash equivalents are related to the employees' savings plan program, see Notes 4.21 and 32.

4.16 Financial instruments, financial assets and financial liabilities

The Group recognizes a financial asset or a financial liability in its consolidated statement of financial position when, and only when, the Group becomes party to the contractual provisions of the instrument. The Group recognizes all of its contractual rights and obligations under derivatives in its consolidated statement of financial position as assets and liabilities.

Derivative financial instruments

The Group utilizes derivative financial instruments to manage certain market risk exposures. The Group does not use derivative financial instruments for speculative purposes, however it may choose not to designate certain derivatives as hedges for accounting purposes.

The use of derivative instruments is subject to limits and the positions are regularly monitored and reported to senior management.

4.16 Financial instruments, financial assets and financial liabilities (continued)

Interest rate swap contracts

The Group uses interest rate swap contracts to manage its exposure to interest rate movements on its long term-borrowings (Note 50.1.2).

In respect of financial assets, the Group's policy is to invest free cash at floating rates of interest and to maintain cash reserves in time deposits (less than one year) in order to maintain liquidity.

Other financial liabilities (excluding long term-borrowings and obligations under leases) are primarily non-interest bearing.

Forward exchange contracts

Foreign currency exchange risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of movements in foreign currency exchange rates. The Saudi Riyal is pegged at SAR 3.75 : USD 1, therefore the Group is not exposed to any risks from USD denominated financial instruments (Note 50.1.1).

The Group's transactions are principally in SAR and US Dollars. Virtually all commodity sales contracts are with international customers (Note 7.3) and are USD priced and equally so is the bulk of the procurement and capital expenditure contracts.

The Group does not use forward exchange contracts.

Commodity contracts

The Group's earnings are exposed to movements in the prices of the commodities it produces (Note 50.1.3).

The Group's policy is to sell its products at prevailing market prices and not to hedge commodity price risk.

Provisional price contracts

Certain of the Group's sales are provisionally priced, meaning that the final selling price is determined normally 30 to 180 days after the delivery to the customer, based on the quoted market price stipulated in the contract and as a result are susceptible to future commodity price movements.

At each reporting date, subsequent to the initial sale, the provisionally priced trade receivables are marked-to-market using the relevant forward market prices for the period stipulated in the contract. This exposure to the commodity price causes such trade receivables to fail the solely payment of principal and interest ("SPPI") test. As a result, these receivables are measured at fair value through profit or loss ("FVTPL") from the date of recognition of the corresponding sale, with subsequent marked-to-market adjustments recognized in fair value gains / (losses) on provisionally priced products and the carrying amount of the outstanding trade receivable, if material. Such fair value gains (losses) on provisionally priced products are presented within revenue.

Financial assets

The Group's principal financial assets include:

- joint ventures (equity accounted for) - (Accounting policy 4.1),
- other investment in securities, where the Group's intention is to hold it to maturity,
- derivative financial instruments,
- trade and other receivables – excluding pre-payments and zakat / income tax receivables - (Accounting policy 4.13),
- time deposits (Accounting policy 4.14) and
- cash and cash equivalents (Accounting policy 4.15)

They are derived directly from the Group's operations.

4.16 Financial instruments, financial assets and financial liabilities (continued)

Initial recognition of financial assets

Financial assets are initially recognized at fair value on the trade date, including directly attributable transaction costs.

A trade receivable without a significant financing component is recognized initially at its transaction price.

Regular way purchases and sales of financial assets are recognized on trade-date, the date on which the Group commits to purchase or sell the asset.

Subsequently, financial assets are carried at fair value or at amortized cost less impairment.

Classification of financial assets

Financial assets are classified into one of the following three categories, based on the business model in which the financial asset and its contractual cash flow characteristics are managed:

- measured at amortized cost ("AC"),
- fair value through profit or loss ("FVTPL") and
- fair value through other comprehensive income ("FVOCI").

Derivatives embedded in contracts where the host is a financial asset is never bifurcated and the whole hybrid instrument is assessed for classification.

Impairment and uncollectibility of financial assets

At each reporting date, the Group measures the loss allowance for a financial asset (using the Expected credit loss ("ECL") model) at an amount equal to the lifetime expected credit losses, if the credit risk on that financial asset has increased significantly since initial recognition.

However, if at the reporting date, the credit risk on that financial asset has not increased significantly since initial recognition, the Group measures the loss allowance for the financial asset at an amount equal to lifetime expected credit losses.

Impairment losses on financial assets carried at amortized cost are reversed in subsequent periods if the amount of the loss decreases and the decrease can be objectively related to an event occurring after the impairment was recognized.

Regardless of the change in credit risk, loss allowances on trade receivables that do not contain a significant financing component are calculated at an amount equal to lifetime expected credit losses.

Such impairment losses are recognized in the consolidated statement of profit or loss.

Derecognition of financial assets

The Group derecognizes financial assets only when the contractual rights to receive cash flows from the financial assets have expired, or when it transfers the financial assets and substantially all the associated risks and rewards of ownership to another entity.

Gains and losses arising on derecognition of financial assets are recognized in the consolidated statement of profit or loss.

Financial liabilities

The Group's principal financial liabilities comprise of:

- long-term borrowings (Accounting policy 4.17),
- lease liabilities (Accounting policy 4.8),
- derivative financial instruments,
- projects, trade and other payables – excluding zakat / income tax liabilities and employees' end of service termination benefits obligations - (Accounting policy 4.21) and
- accrued expenses (Accounting policy 4.21)

The main purpose of these financial liabilities is to finance the Group's operations and to guarantees support for the operations.

4.16 Financial instruments, financial assets and financial liabilities (continued)

Initial recognition of financial liabilities

Financial liabilities are initially recognized at the fair value of the consideration received net of any directly attributable transaction costs, as appropriate. Subsequently, financial liabilities are carried at amortized cost.

Long-term borrowings are initially recognized at the fair value (being proceeds received, net of eligible transaction costs incurred, if any).

Subsequent to initial recognition long-term borrowings are measured at amortized cost using the effective interest rate method. Any difference between the proceeds (net of transaction costs) and the redemption amount is recognized in the consolidated statement of profit or loss over the period of the long-term borrowings using the effective interest rate method.

Classification of financial liabilities

Financial liabilities are classified and subsequently measured at amortized cost except for the following:

- financial liabilities that arise when a transfer of a financial asset does not qualify for de-recognition or when the continuing involvement approach applies,
- financial guarantee contracts which are measured at the higher of the amount of loss allowance and the amount initially recognized and
- commitments to provide a loan at below market interest rate which shall be measured at the higher of the amount of loss allowance, the amount initially recognized and the contingent consideration in case of a business combination.

Derecognition of financial liabilities

The Group derecognizes financial liabilities only when its obligations under the financial liabilities are discharged, cancelled or expired. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable, including any non-cash assets transferred or liabilities assumed, is recognized as a gain or a loss in the consolidated statement of profit or loss.

Long-term borrowings are derecognized from the consolidated statement of financial position when the obligation specified in the contract is discharged, cancelled or expired. The difference between the carrying amount of a financial liability that has been extinguished or transferred to another party and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognized as a gain in consolidated statement of profit or loss as other income or finance cost.

Offsetting a financial asset and a financial liability

A financial asset and a liability is offset and the net amount reported in the consolidated financial statements, when the Group has a legally enforceable right to set-off the recognized amounts and intends either to settle on a net basis, or to realize the asset and liability simultaneously.

4.17 Long-term borrowings

Long-term borrowings are initially recognised at their fair value (being proceeds received, net of eligible transaction costs incurred, if any). Subsequent to initial recognition long-term borrowings are measured at amortised cost using the effective interest rate method. Any difference between the proceeds (net of transaction costs) and the redemption amount is recognised in the consolidated statement of profit or loss over the period of the long-term borrowings using the effective interest rate method.

Up-front fees paid on the establishment of the loan facilities are recognised as transaction costs of the loan to the extent that it is probable that some or all of the facility will be drawn down. In this case, the fee is deferred until the draw down occurs. To the extent there is no evidence that it is probable that some or all of the facility will be drawn down, the fee is capitalised as a prepayment for liquidity services and amortised over the period of the facility to which it relates.

Borrowings are classified as current liabilities unless the Group has an unconditional right to defer settlement of the liability for at least 12 months after the reporting period.

4.17 Long-term borrowings (continued)

General and specific borrowing costs that are directly attributable to the acquisition, construction or production of qualifying assets are capitalised during the period of time that is required to complete and prepare the qualifying asset for its intended use or sale. Qualifying assets are assets that necessarily take a substantial period of time to get ready for their intended use or sale. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalization.

Other borrowing costs are expensed in the period in which they are incurred in the consolidated statement of profit or loss.

4.18 Provisions

Provisions are recognised when the Group has:

- a present legal or constructive obligation as a result of a past event,
- it is probable that an outflow of economic resources will be required to settle the obligation in the future and
- a reliable estimate can be made of the amount of the obligation

If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects time value of money, where appropriate and the risks specific to the liability. Where discounting is used, the increase in the provision due to the passage of time is recognized as part of the finance cost in the consolidated statement of profit or loss.

4.19 Provision for decommissioning, site rehabilitation and dismantling obligations

The mining, extraction and processing activities of the Group normally give rise to obligations for mine closure, decommissioning, site rehabilitation and plant dismantling (collectively referred to as "decommissioning site rehabilitation and dismantling obligations"). Decommissioning and site restoration work can include:

- facility decommissioning and dismantling of plant and buildings,
- removal or treatment of waste materials and
- site and land rehabilitation.

The extent of the work required and the associated costs are dependent on the requirements of current laws and regulations.

The full estimated future cost is discounted to its present value and capitalised as part of "Mine under construction" and once it has been transferred to "Mine properties" it is then depreciated as an expense over the expected life-of-mine using the UOP method.

Costs included in the provision includes all decommissioning obligations expected to occur over the life-of-mine and at the time of closure in connection with the mining activities being undertaken at the reporting date. Costs arising from unforeseen circumstances, such as the contamination caused by unplanned discharges, are recognised as an expense when the event gives rise to an obligation which is probable and capable of reliable estimation. The timing of the actual decommissioning expenditure is dependent upon a number of factors such as:

- the life-of-mine,
- developments in technology,
- the operating license conditions,
- the environment in which the mine operates and
- changes in economic sustainability.

Adjustments to the estimated amount and timing of future decommissioning cash flows are a normal occurrence in light of the significant judgments and estimates involved. Such adjustments are recorded as an increase in liability and a corresponding increase in the mine related asset. Factors influencing those adjustments include:

- revisions to estimated ore reserves, mineral resources and lives of mines,
- developments in technology,
- regulatory requirements and environmental management strategies,
- changes in the estimated extent and costs of anticipated activities, including the effects of inflation and
- changes in economic sustainability.

4.20 Employees' benefits

Employees' savings plan program

In accordance with Article 145 of the Labor Regulations, and in furtherance to Article 76 of the Company's Internal Work Regulation, approved by resolution No. 424 dated 6th of Rabi II 1420H (corresponding to 19 July 1999), issued by His Highness the Minister of Labor and Social Affairs, a Savings Plan Program was introduced to encourage the Saudi employees of the Group to save and invest their savings in areas more beneficial to them, to secure their future and as an incentive for them to continue working with the Group.

Participation in the Savings Plan Program is restricted to Saudi Nationals only and optional with employees required to contribute a monthly minimum installment of 1% to a maximum of 15% of their basic salary subject to a minimum of SAR 300 per month.

The Group will contribute an amount equaling 10% of the monthly savings of each member per year for the first year and increase it by 10% per year in the years there after until it reaches 100% in the 10th year and continue contributing 100% from year 11 onwards, which will in turn be credited to the savings accounts of the employee. The Group's portion is charged to consolidated statement of profit or loss on a monthly basis. The Group's portion will only be paid to the employee after the expiry of 10 years upon termination or resignation.

Other short-term obligations

Liabilities for wages and salaries, including non-monetary benefits that are expected to be settled in full, within 12 months after the end of the period in which the employees render the related service are recognised in respect of employees' services up to the end of the reporting period and are measured at the amounts expected to be paid when the liabilities are settled. The liabilities are presented as current employee benefit obligations in the consolidated statement of financial position.

Employees' home ownership program

The program has three categories:

Housing project

Certain companies within the Group have established employees' home ownership program (HOP) that offer eligible employees the opportunity to buy housing units constructed by these subsidiaries through a series of payments over a particular number of years. Ownership of the housing unit is transferred upon completion of full payment.

Under the HOP, the housing units are classified under other non-current assets as long-term employees' receivable upon signing of the sales contract with the eligible employees. The monthly installments paid by the employee towards the housing unit are repayable back to the employee in case the employee discontinues employment to the extent of the amounts paid in addition to the monthly housing allowance and the house is returned back to the Group.

Home loan

Certain companies within the Group provides an interest free loan to an eligible employee to purchase or build his own house by mortgaging the property in the company's name as a security. The repayment of the loan is deducted from the employee's salary in monthly installments.

The interest cost associated with the funding of the acquisition or construction of the employee's house is borne by the Company in accordance with the approved HOP, and expensed as part of finance cost.

HOP furniture loan

Certain companies within the Group provides a furniture loan to an eligible employee which is to be written-off equally over a 5-year period. In case the employee resigns or his services is terminated for any reason before completion of the stated period, the employee will be required to pay the remaining balance of the furniture loan.

4.20 Employees' benefits (continued)

Employees' end-of-service termination benefits obligation

The liability recognized in the consolidated statement of financial position, in respect of the defined end-of-service-benefits obligation, is the present value of the employees' end-of-service termination benefits obligation at the end of the reporting period. The employees' end of service termination benefits obligation is calculated annually by independent actuaries using the projected unit credit method.

Since the Kingdom of Saudi Arabia has no deep market in high-quality corporate bonds, the market rates of high-quality corporate bonds of the United States of America are used to present value the employees' end of service termination benefits obligation by discounting the estimated future cash outflows.

The net finance cost is calculated by applying the discount rate to the net balance of the employees' end-of-service termination benefits obligation. This cost is included in employee benefit expense in the consolidated statement of profit or loss.

Changes in the present value of the employees' end-of-service termination benefits obligation resulting from plan amendments or curtailments are recognized immediately in the consolidated statement of profit or loss as past service costs.

Re-measurement gains and losses arising from experience adjustments and changes in actuarial assumptions are recognized in the period in which they occur, directly in the consolidated statement of other comprehensive income.

4.21 Projects, other payables and accrued expenses

Liabilities in respect of contract costs for capital projects (including trade payables) are recognised at amounts to be paid for goods and services received. The amount recognised is discounted to the present value of the future obligations using the respective entity's incremental borrowing rate; unless they are due in less than one year.

Liabilities in respect of other payables are recognised at amounts expected to be paid for goods and services received.

4.22 Zakat, income tax, withholding tax and deferred tax

Companies with only Saudi shareholders

The Company is subject to zakat in accordance with the regulations of the General Authority of Zakat and Tax (the "GAZT"). A provision for zakat for the Company and zakat related to the Company's wholly owned subsidiaries is estimated at the end of each reporting period and charged to the consolidated statement of profit or loss. Differences, if any, at the finalization of final assessments are accounted for when such amounts are determined.

Mix companies with foreign shareholders

The subsidiaries with foreign shareholders are subject to zakat for their Saudi shareholders and income tax for their foreign shareholders in accordance with the regulations of the GAZT. A provision for zakat and income tax for the mix companies is charged to the consolidated statement of profit or loss. Differences, if any, at the finalization of final assessments are accounted for when such amounts are determined.

Zakat and income tax related to the minority shareholders in certain subsidiaries is included in their share of non-controlling interest in the consolidated statement of profit or loss.

The tax expense includes the current tax and deferred tax charge recognized in the consolidated statement of profit or loss.

Current tax payable is based on the taxable profit for the year. Taxable profit differs from net profit as reported in the consolidated statement of profit or loss because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are not taxable or deductible. The Group's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the reporting date.

Deferred tax is recognized in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the tax amounts used for taxation purposes. Deferred tax liabilities are generally recognized for all taxable temporary differences and deferred tax assets are recognized to the extent that it is probable that future taxable profits will be available against which the deductible temporary differences can be utilized. Such assets and liabilities are not recognized if the temporary differences arise from the initial recognition of goodwill or of an asset or liability in a transaction (other than in a business combination) that affects neither taxable profit nor accounting profit.

4.22 Zakat, income tax, withholding tax and deferred tax (continued)

Deferred tax liabilities are recognized for taxable temporary differences arising on investments in subsidiaries, joint arrangements and associates except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at each reporting date and is adjusted to the extent that it is no longer probable that sufficient future taxable profit will be available to allow all or part of the asset to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realized, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax is charged or credited to the consolidated statement of profit or loss, except when it relates to items charged or credited directly to equity, in which case the deferred tax is also taken directly to equity.

The Group withholds taxes on certain transactions with non-resident parties in the Kingdom of Saudi Arabia as required under Saudi Arabian Income Tax Law.

4.23 Severance fees

Effective from year 2005 onwards, as per Article No. 71 of the Saudi Mining Investment Code issued based on the Royal Decree No. 47/M dated 20 Sha'aban 1425H (corresponding to 4 October 2004), the Group is required to pay to the Government of Saudi Arabia severance fee representing 25% of the annual net income per mining license or the equivalent of the hypothetical income tax, whichever is the lower. The Zakat due shall be deducted from gross severance fee and the net severance fee amount is shown as part of cost of sales in the consolidated statement of profit or loss (Notes 9 and 47).

However, the minimum severance fee payable for a small mine license based on sales is:

Minerals	Basis	Rate
Low grade bauxite	Actual metric tonnes sold	SAR 1.50 per metric tonne
Kaolin	Actual metric tonnes sold	SAR 2.25 per metric tonne
Magnesia / Dead burned magnesia / Monolithic	Actual metric tonnes sold	SAR 4.50 per metric tonne

The minimum severance fee payable is SAR 90,000 if the minimum mining capacity is not achieved. Provision for severance fees is charged to the cost of sales in the consolidated statement of profit or loss and is not included in the valuation of inventory.

In mix companies with foreign shareholders, only the Saudi shareholders are liable for paying severance fees on their share of the net profit attributable to the particular mining license. The Saudi shareholder can deduct the zakat due by them from their severance fee liability. The foreign shareholders are exempt from paying severance fees on their share of net profit attributable to the particular mining license, however, they pay income tax at a rate of 20%.

5 Business combination

On 8 August 2019, the Group, through its wholly owned subsidiary MMDC, completed the acquisition of 85% of the issued share capital of Meridian Consolidated Investment Limited ("MCIL") and its subsidiaries (Meridian Group or Meridian) carrying full voting rights, a leading fertilizer distribution network company operating in East Africa, after obtaining all the necessary regulatory and legal approvals for a total consideration of SAR 436,856,535.

Ma'aden has acquired Meridian to build a fertilizer distribution network business in the most important global fertilizer markets in East Africa. Meridian operations are focused on selling fertilizer through its distribution network of facilities including port facilities, warehouses and fertilizer granulation and blending plants across Mozambique, Malawi, Zimbabwe and Zambia.

The consolidated financial statements for the year ended 31 December 2019 include the results of the Meridian from the date the control was transferred to the Group. Revenue generated by the Meridian business for the period from the acquisition date of 8 August 2019 to 31 December 2019 was SAR 643 million and the net profit for the same period was SAR 93 million. However, if the acquisition had occurred on 1 January 2019, management estimated that the consolidated revenue of the Group would have increased by SAR 463 million and the consolidated net profit would have increased by SAR 2 million for the year ended 31 December 2019.

The acquisition has been accounted for as a business combination in accordance with IFRS 3, using the acquisition method where the acquired tangible and intangible assets and the assumed liabilities are recorded at their fair values at the date of acquisition. The Group has allocated and completed the purchase price allocation ("PPA") of the identified assets acquired and the liabilities and contingent liabilities assumed.

The fair values of the assets and liabilities as of the acquisition date are summarized below:

	Notes	Fair values on acquisition 8 August 2019	Adjustments from purchase price allocation	Carrying values on acquisition 8 August 2019
Assets				
Non-current assets				
Property, plant and equipment	19	175,000,673	-	175,000,673
Capital work-in-progress	21	11,258,503	-	11,258,503
Intangible assets	22	86,053,224	85,875,000	178,224
Deferred tax assets	24.2	6,383,507	-	6,383,507
		278,695,907	85,875,000	192,820,907
Current assets				
Advances and prepayments	28	13,959,829	-	13,959,829
Inventories	29	498,306,942	42,000,000	456,306,942
Trade and other receivables	30	152,595,393	-	152,595,393
Cash and cash equivalents	5.2	105,154,606	-	105,154,606
		770,016,770	42,000,000	728,016,770
Total assets		1,048,712,677	127,875,000	920,837,677
Liabilities				
Non-current liabilities				
Non-current portion of long-term borrowings	39.7	97,206,550	-	97,206,550
Deferred tax liabilities	24.3	44,291,014	35,250,000	9,041,014
		141,497,564	35,250,000	106,247,564
Current liabilities				
Trade and other payables	44	247,723,304	-	247,723,304
Accrued expenses	45	42,666,436	-	42,666,436
Current portion of long-term borrowings	39.7	286,195,688	-	286,195,688
Tax payable	46.5	1,967,678	-	1,967,678
		578,553,106	-	578,553,106
Total liabilities		720,050,670	35,250,000	684,800,670
Total net identifiable assets	5.1	328,662,007	92,625,000	236,037,007

5 Business combination (continued)**5.1 Goodwill recognized as at the acquisition date**

	Notes	Total
As at the acquisition date		
Total net identifiable assets at fair value	5	328,662,007
Non-controlling interest		<u>(2,320,016)</u>
Sub-total		<u>326,341,991</u>
Ma'aden share of the fair value of net assets of SAR 326,341,991 at 85% shareholding	5	277,390,692
Cash paid to shareholders of Meridian Group		<u>436,856,535</u>
Goodwill recognized at fair value at the date of acquisition	22	<u>159,465,843</u>

5.2 Acquisition cost net of cash and cash equivalents acquired

	Note	Total
Cash paid to the shareholders of Meridian Group		436,856,535
Less: Cash and cash equivalents of Meridian acquired as at the acquisition date	5	<u>(105,154,606)</u>
Net cash outflow as at the acquisition date of Meridian Group		<u>331,701,929</u>

5.3 Non-controlling interest as at the acquisition date

	Notes	Total
As at the acquisition date		
Total net identifiable assets at fair value	5	328,662,007
Non-controlling interest		<u>(2,320,016)</u>
Sub-total		<u>326,341,991</u>
Non-controlling interest share of the fair value of net assets of SAR 326,341,991 at 15% shareholding	5	48,951,299
Add: Non-controlling interest of Meridian Group		<u>2,320,016</u>
Non-controlling interest at fair value	37.3	<u>51,271,315</u>

6 Critical accounting judgments, estimates and assumptions

The preparation of consolidated financial statements in conformity with IFRS and other standards and pronouncements that are issued by SOCPA, as endorsed in the Kingdom of Saudi Arabia, requires the Group's management to make judgments, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the accompanying accounting disclosures, and the disclosures of contingent liabilities at the reporting date of the consolidated financial statements.

Estimates and assumptions are continually evaluated and are based on management's historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The Group makes estimates and assumptions concerning the future. The accounting estimates will, by definition, seldom equal the related actual results.

However, as explained in Note 1, Management, through the crisis management committee, has proactively assessed the potential of the Covid-19 pandemic for any further regulatory and government restrictions both locally and in the market in which the Group operates that could adversely affect our supply chain and our production capabilities, demand of our products, as well as our sales distribution network that could cause a negative impact on our financial performance. Management has concluded that our critical accounting judgements, estimates and assumptions remain appropriate under the current circumstances.

6.1 Critical accounting judgements in applying accounting standards

The following critical judgements have the most significant effect on the amounts recorded in the consolidated financial statements:

- impairment testing of goodwill
- economic useful lives of mine properties, property, plant and equipment
- impairment and the reversal of impairment of tangible assets
- identification of CGUs
- right-of-use assets and lease liabilities
- zakat and income tax
- exploration and evaluation expenditure
- stripping costs
- commercial production start date

Impairment testing of goodwill

The Group's management tests, on an annual basis, whether goodwill arising on consolidation has suffered any impairment. This requires an estimation of the recoverable amounts of the CGU to which goodwill has been allocated. The recoverable amount is most sensitive to the discount rate used for the discounted cash flow model as well as the expected future cash inflows and the growth rate used in computation of terminal value. The key assumptions used in determining the recoverable amounts are set out in Note 22.

Economic useful lives of mine properties, property, plant and equipment

The Group's assets, classified within mine properties, are depreciated / amortized on a UOP basis over the economically recoverable proven and probable ore reserves of the mine concerned, except in the case of those mining assets whose economic useful life is shorter than the life-of-mine, in which case the straight line method is applied. When determining the life-of-mine, assumptions that were valid at the time of estimation, may change when new information becomes available.

The factors that could affect estimation of the life-of-mine include the following:

- changes in proven and probable ore reserves,
- the grade of ore reserves varying significantly from time to time,
- differences between actual commodity prices and commodity price assumptions used in the estimation and classification of ore reserves,
- unforeseen operational issues at mine sites and
- changes in capital, operating, mining, processing and reclamation costs, discount rates could possibly adversely affect the economic viability of ore reserves.

Any of these changes could affect prospective depreciation of mine properties and their carrying value. The economic useful lives of non-mining property, plant and equipment is reviewed by management periodically. The review is based on the current condition of the assets and the estimated period during which they will continue to bring economic benefit to the Group.

The Group's assets, classified within property, plant and equipment, are depreciated on a straight line basis over their economic useful lives.

6.1 Critical accounting judgements in applying accounting standards (continued)

Impairment and the reversal of impairment of tangible assets

The Group reviews the carrying amounts of its tangible assets i.e. mine properties, property, plant and equipment, right-of-use assets, capital work-in-progress to determine whether there is any indication that those assets are impaired or whether there is any indicator that an impairment loss recognized in previous years may no longer exist or may have decreased.

Identification of CGUs

The classification of assets into CGUs requires significant judgement and interpretations with respect to the integration between assets, generation of independent cash flows by the assets, the existence of active markets and external users.

Right-of-use assets and lease liabilities

Extension and termination options are included in a number of leases across the Group. These are used to maximise operational flexibility in terms of managing the assets used in the Group's operations.

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option, or not to exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

The lease payments are discounted using the interest rate implicit in the lease. If that rate cannot be readily determined, which is generally the case for leases in the Group, the lessee's incremental borrowing rate is used, being the rate that the individual lessee would have to pay to borrow the funds necessary to obtain an asset of similar value to the right-of-use asset in a similar economic environment with similar terms, security and conditions.

Zakat and income tax

The Company and its three wholly owned subsidiaries are subject to zakat, whereas, the subsidiaries with foreign shareholders are subject to zakat for their Saudi shareholders and income tax for their foreign shareholders in accordance with the regulations of the GAZT.

A provision for zakat and income tax is estimated at the end of each reporting period in accordance with the regulations of the GAZT and on a yearly basis zakat and income tax returns are submitted to the GAZT. Differences, if any, at the finalization of final assessments are accounted for when such amounts are determined.

Exploration and evaluation expenditure

The application of the Group's accounting policy for exploration and evaluation expenditure requires judgement to determine whether future economic benefits are likely to be derived from either future exploitation or sale, or whether activities have not reached a stage that permits a reasonable assessment of the existence of reserves.

In addition to applying judgement to determine whether future economic benefits are likely to arise from the Group's exploration and evaluation assets or whether activities have not reached a stage that permits a reasonable assessment of the existence of reserves, the Group has to apply a number of estimates and assumptions.

Stripping costs

Significant judgement is required to distinguish between development stripping and production stripping and to distinguish between the production stripping that relates to the extraction of inventory and that which relates to giving access to a component of the ore body to be mined in the future, which then give rise to the creation of a stripping activity asset.

Once the Group has identified its production stripping for each surface mining operation, it identifies the separate components of the ore bodies for each of its mining operations.

6.1 Critical accounting judgements in applying accounting standards (continued)***Stripping costs (continued)***

An identifiable component is a specific volume of the ore body that is made more accessible by the stripping activity. Significant judgement is required to identify and define these components, and also to determine the expected volumes (e.g., in tonnes) of waste to be stripped and ore to be mined in each of these components. These assessments are undertaken for each individual mining operation based on the information available in the mine plan. The mine plans and, therefore, the identification of components, will vary between mines for a number of reasons. These include, but are not limited to, the type of commodity, the geological characteristics of the ore body, the geographical location and/or financial considerations.

Judgement is also required to identify a suitable production measure to be used to allocate production stripping costs between inventory and any stripping activity asset(s) for each component. The Group considers that the ratio of the expected volume (e.g., in tonnes) of waste to be stripped for an expected volume (e.g., in tonnes) of ore to be mined for a specific component of the ore body, is the most suitable production measure.

Commercial production start date

Commercial production is achieved when assets are capable of operating in the manner envisaged by the entity's management which is generally when the related assets are capable of operating continuously at a nominated percentage of design capacity.

The decision on when commercial production for mining related assets is achieved is however judgmental and should be based after discussions between the accountants, engineers and metallurgists. Consideration should be taken of the following list of non-exhaustive factors, such as:

- a nominated percentage of design capacity for a mine or a mill,
- mineral recoveries at or near expected levels,
- achievement of continuous production and
- the level of future capital expenditure still to be incurred.

Various aspects of the mining / production process (e.g. mine, mill, refinery, processing plant, etc.) needs to be considered separately when concluding on when commercial production has commenced, especially if one aspect of the process has commenced production in advance of the others. Once the mine is capable of commercial production, depreciation should commence.

6.2 Key sources of estimation uncertainty

The following are the key sources of estimation uncertainty that have a significant risk of causing a material adjustment to the carrying amounts of the assets and liabilities within the next financial year:

- mineral resource and ore reserve estimates,
- mine decommissioning obligation,
- allowances for obsolete and slow moving spare parts,
- non-controlling interest call and put options and
- contingencies.

Mineral resource and ore reserve estimates

There is a degree of uncertainty involved in the estimation and classification of mineral resource and ore reserve and corresponding grades being mined or dedicated to future production. Until mineral resource and ore reserve are actually mined and processed, the quantity of mineral resource and ore reserve grades must be considered as estimates only. Further, the quantity of mineral resource and ore reserve may vary depending on, amongst other things, metal prices and currency exchange rates.

The ore reserve estimates of the Group have been determined based on long-term commodity price forecasts and cut-off grades. Any material change in the quantity of reserves, grades or stripping ratio may affect the economic viability of the properties. In addition, there can be no assurance that gold recoveries or other metal recoveries in small scale laboratory tests will give the same result in larger scale tests under on-site conditions or during production.

Fluctuation in commodity prices, the results of drilling, metallurgical testing and production and the evaluation of mine plans subsequent to the date of any estimate may require estimates to be revised. The volume and grade of ore reserves mined and processed and recovery rates may not be the same as currently anticipated. Any material reductions in estimates of ore reserves and mineral resources, or of the Group's ability to extract these mineral contents, could have a material adverse effect on the Group's business, prospects, financial condition and operating results.

6.2 Key sources of estimation uncertainty (continued)

Mine decommissioning obligation

The Group's mining and exploration activities are subject to various environmental laws and regulations. The Group estimates environmental obligations based on management's understanding of the current legal requirements in the Kingdom of Saudi Arabia, terms of the license agreements and engineering estimates. Provision is made for decommissioning as soon as the obligation arises. Actual costs incurred in future years could differ materially from the amounts provided. Additionally, future changes to environmental laws and regulations and life-of-mine estimates could affect the carrying amount of this provision.

Allowances for obsolete and slow moving spare parts

The Group also creates an allowance for obsolete and slow-moving spare parts. At 31 March 2020, the allowance for obsolete slow-moving items amounted to SAR 94,728,835 (31 March 2019: SAR 92,708,927 and 31 December 2019: SAR 93,103,074). These estimates take into consideration fluctuations of price or cost directly relating to events occurring subsequent to the consolidated statement of financial position date to the extent that such events confirm conditions existing at the end of the year (Note 29.1).

Non-controlling interest put options

The fair value of non-controlling interest call and put options are recognized at the present value of redemption amount based on the discounted cash flow analysis. The Group estimates the non-controlling interest call and put options price at each reporting period in accordance with the formula defined in the shareholders agreement between Ma'aden and Meridian. Further details are explained in Note 44.3 of these consolidated interim financial statements.

Contingencies

By their nature, contingencies will only be resolved when one or more future events occur or fail to occur. The assessment of such contingencies inherently involves the exercise of significant judgement and estimates of the outcome of future events.

7 Segmental information

Segment reporting

Operating business segments are reported in a manner consistent with the internal reporting provided to the Chief Operating Decision Maker (CODM).

The Group has appointed a committee (the Management Committee) which assesses the financial performance and position of the Group and makes strategic decisions. The Management Committee comprises the President and Chief Executive Officer and other senior management personnel.

7.1 Business segment

A business segment is a component of the Group:

- that engages in business activities from which it may earn revenues and incur expenses,
- the results of its operations are continuously analyzed by management in order to make decisions related to resource allocation and performance assessment and
- for which discrete financial information is available.

Transactions between segments are carried out at arm's length and are eliminated on consolidation. The revenue from external parties is measured in the same way as in the consolidated statement of profit or loss.

The accounting policies used by the Group in reporting business segments internally are the same as those contained in Note 4 of the consolidated interim financial statements.

7.1 Business segment (continued)

The Group's operations consist of the following business segments:

- **Phosphate Strategic Business Unit Segment**, consist of operations related to:
 - **MPC** – the mining and beneficiation of phosphate concentrated rock at Al-Jalamid. The utilization of natural gas and sulphur to produce phosphate fertilizers as well as ammonia products at Ras-Al-Khair.
 - **IMC** – the mining of industrial minerals at a kaolin and low grade bauxite mine in the central zone of Az-Zabirah and a high grade magnesite mine at Al-Ghazallah, Multiple Hearth Furnace (MHF) processing plant and a Vertical Shaft Kiln (VSK) processing plant at Al-Madinah Al Munawarah.
 - **MWSPC** – the development of a mine to exploit the Al-Khabra phosphate deposit. The company declared commercial production on 2 December 2018, except for the ammonia plant for which commercial production was declared on 1 January 2017.
 - **MMDC** – a vehicle for Ma'aden to build a fertilizer distribution business in the most important global fertilizer markets.
 - **Phosphate and Industrial Minerals division under Corporate** – related cost and exploration expenses in Ma'aden Corporate has been allocated to this segment.
 - **MIC** – is responsible for the development, construction and delivery of services to Ma'aden entities in the Ras Al Khair area and other mining and industrial locations in the Kingdom of Saudi Arabia. Therefore, a 33% proportionate share of MIC's revenues, costs and assets have been allocated to this segment.
- **Aluminium Strategic Business Unit Segment**, consists of the operations related to:
 - **MBAC** – the mining of bauxite at the Al-Ba'itha mine and the transportation thereof to its refinery at Ras Al Khair. The alumina from MBAC is then processed at MAC. The refinery declared commercial production on 1 October 2016.
 - **MAC** – operates the smelter at Ras-Al-Khair and it currently processes the alumina feedstock that it purchases from MBAC and produces primary aluminium products. MAC declared commercial production on 1 September 2014.
 - **MRC** – the construction of the rolling mill has been completed and the company has declared commercial production on 9 December 2018. MRC also include automotive sheet project which comprise of automotive heat treated and non-treated sheet, building and construction sheet and foil stock sheet. The project commenced commercial production on 1 September 2019.
 - **Aluminium division under Corporate** – related cost and external sales revenue have been allocated to this segment.
 - **MIC** – is responsible for the development, construction and delivery of services to Ma'aden entities in the Ras Al Khair area and other mining and industrial locations in the Kingdom of Saudi Arabia. Therefore, a 67% proportionate share of MIC's revenues, costs and assets have been allocated to this segment.
- **Precious and Base Metals Strategic Business Unit Segment**, consists of operations related to:
 - **MGBM** – that operates five gold mines, i.e. Mahd Ad-Dahab, Al-Amar, Bulghah, As-Suq and Ad-Duwayhi and a processing plant at Sukhaybarat which are located in different geographical areas in the Kingdom of Saudi Arabia.
 - **MBCC** – a joint venture that produces copper concentrate and associated minerals located in the southeast of Al Madinah Al Munawarah. MBCC started commercial production on 1 July 2016.
 - **Precious and base metals division under Corporate** – related cost and exploration expenses in Ma'aden Corporate has been allocated to this segment.
- **Corporate**
 - Is responsible for effective management and governance including funding of subsidiaries and joint ventures that carry out various projects related to all stages of the mining industry, including development, advancement and improvement of the mineral industry, mineral products and by-products. The presentation of Corporate information does not represent an operating segment.

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7.2 Business segment financial information

	Notes	Phosphate	Aluminum	Precious and base metals	Corporate	Total
31 March 2020						
Sales of goods and services to external customers	7.3,8	1,907,572,867	1,762,283,942	685,302,142	-	4,355,158,951
Gross (loss) / profit		(314,588,447)	283,560,651	233,751,643	-	202,723,847
Net (loss) / profit before zakat and income tax		(750,938,276)	(7,660,602)	208,513,844	(71,193,173)	(621,278,207)
Less: Income from time deposits	14	(1,124,958)	(7,595,724)	-	(22,945,644)	(31,666,326)
Add: Finance cost	15	253,855,575	226,099,773	8,236,137	10,379,262	498,570,747
Net (loss) / profit before net finance income / (cost), zakat and income tax		(498,207,659)	210,843,447	216,749,981	(83,759,555)	(154,373,786)
<u>Operating special items and re-measurements:</u>						
Add: Non-operating other expenses / (income), net	16	60,719,318	6,403,140	(392,202)	5,539,854	72,270,110
	23.1.3,					
Less: Share in net loss / (profit) of joint ventures	23.2.3	-	13,550,000	(50,734,003)	-	(37,184,003)
Underlying EBIT		(437,488,341)	230,796,587	165,623,776	(78,219,701)	(119,287,679)
Add: Depreciation and amortization		618,617,460	416,795,101	155,946,489	19,078,636	1,210,437,686
Underlying EBITDA		181,129,119	647,591,688	321,570,265	(59,141,065)	1,091,150,007
 Net (loss) / profit attributable to ordinary shareholders of the parent company		 (461,368,452)	 (3,512,060)	 201,439,004	 (89,811,822)	 (353,253,330)
 Mine properties	18	 5,913,564,228	 1,393,674,450	 2,906,429,693	 -	 10,213,668,371
Property, plant and equipment	19	33,040,327,153	30,899,407,701	2,005,187	117,089,058	64,058,829,099
Right-of-use assets	20	228,138,825	1,124,557,834	28,757,391	3,353,538	1,384,807,588
Capital work-in-progress	21	1,030,448,324	1,842,285,550	400,195	17,731,998	2,890,866,067
Intangible assets and goodwill	22	244,500,766	54,927,255	6,993,259	44,277,641	350,698,921
Investment in joint ventures	23	-	176,458,000	977,050,344	-	1,153,508,344
Total assets		47,910,638,990	40,389,224,557	4,570,679,925	3,849,300,402	96,719,843,874
 Long-term borrowings	39	 27,677,386,663	 20,734,729,843	 832,939,788	 -	 49,245,056,294
Lease liabilities	41	174,733,235	1,042,193,912	29,053,815	3,577,650	1,249,558,612
Total liabilities		31,812,746,579	24,869,264,286	1,733,871,763	780,656,833	59,196,539,461

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7.2 Business segment financial information (continued)

	Notes	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 March 2019						
Sales of goods and services to external customers	7.3,8	2,075,762,676	1,785,001,633	380,577,231	-	4,241,341,540
Gross profit		325,707,433	74,918,866	83,762,632	-	484,388,931
Net (loss) / profit before zakat and income tax		(59,559,112)	(217,517,869)	93,521,468	(27,358,038)	(210,913,551)
Less: Income from time deposits	14	(15,665,813)	(1,664,444)	-	(42,465,115)	(59,795,372)
Add: Finance cost	15	303,590,516	294,062,338	12,271,050	10,559,554	620,483,458
Net profit / (loss) before net finance income / (cost), zakat and income tax		228,365,591	74,880,025	105,792,518	(59,263,599)	349,774,535
<u>Operating special items and re-measurements:</u>						
Add: Non-operating other expenses / (income), net	16	627,920	(3,584,967)	(275,933)	(80,385)	(3,313,365)
	23.1.3,					
Less: Share in net profit of joint ventures	23.2.3	-	(40,372,180)	(54,260,344)	-	(94,632,524)
Underlying EBIT		228,993,511	30,922,878	51,256,241	(59,343,984)	251,828,646
Add: Depreciation and amortization		607,488,363	431,650,178	85,269,572	16,238,975	1,140,647,088
Underlying EBITDA		836,481,874	462,573,056	136,525,813	(43,105,009)	1,392,475,734
 Net (loss) / profit attributable to ordinary shareholders of the parent company		 (10,475,357)	 (163,639,269)	 89,853,542	 (42,950,588)	 (127,211,672)
 Mine properties	18	 5,975,991,847	 1,425,559,935	 2,518,042,975	 -	 9,919,594,757
Property, plant and equipment	19	34,385,740,897	31,190,992,750	5,901,050	122,044,732	65,704,679,429
Right-of-use assets	20	223,918,255	1,213,528,703	42,579,217	2,378,360	1,482,404,535
Capital work-in-progress	21	944,134,004	1,498,177,714	1,799,378	25,075,623	2,469,186,719
Intangible assets and goodwill	22	10,651,494	61,329,181	14,617,445	42,480,927	129,079,047
Investment in joint ventures	23	-	386,306,419	1,019,352,189	-	1,405,658,608
Total assets		48,258,888,277	40,531,397,388	4,305,678,874	5,704,538,406	98,800,502,945
 Long-term borrowings	39	 29,167,396,881	 24,056,331,578	 1,004,684,789	 -	 54,228,413,248
Lease liabilities	41	158,346,157	1,085,921,391	43,927,756	2,389,954	1,290,585,258
Total liabilities		32,353,331,132	27,788,405,164	1,653,029,004	590,763,792	62,385,529,092

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7.2 Business segment financial information (continued)

	Notes	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 December 2019						
Sales of goods and services to external customers	7.3,8	8,250,311,335	7,399,762,355	2,086,204,896	-	17,736,278,586
Gross profit		757,821,970	841,764,092	704,132,524	-	2,303,718,586
Net (loss) / profit before zakat and income tax		(973,439,404)	(496,664,178)	592,628,523	(233,377,933)	(1,110,852,992)
Less: Income from time deposits	14	(40,942,146)	(23,953,695)	-	(140,507,659)	(205,403,500)
Add: Finance cost	15	1,174,201,067	1,102,326,490	43,315,988	81,520,369	2,401,363,914
Net profit / (loss) before net finance income / (cost), zakat and income tax		159,819,517	581,708,617	635,944,511	(292,365,223)	1,085,107,422
<u>Operating special items and re-measurements:</u>						
Add: Impairment of non-current assets, net	13	-	-	35,245,038	-	35,245,038
Add: Non-operating other (income) / expenses, net	16	(16,841,408)	(59,062,468)	(11,341,637)	(144,737)	(87,390,250)
	23.1.3,					
Less: Share in net loss / (profit) of joint ventures	23.2.3	-	77,177,820	(189,255,551)	-	(112,077,731)
Underlying EBIT		142,978,109	599,823,969	470,592,361	(292,509,960)	920,884,479
Add: Depreciation and amortization		2,389,717,798	1,670,493,292	505,514,305	70,740,350	4,636,465,745
Underlying EBITDA		2,532,695,907	2,270,317,261	976,106,666	(221,769,610)	5,557,350,224
 Net (loss) / profit attributable to ordinary shareholders of the parent company		 (508,617,112)	 (490,682,219)	 581,697,221	 (321,861,828)	 (739,463,938)
 Mine properties	18	 5,875,299,566	 1,409,389,363	 2,760,640,902	 -	 10,045,329,831
Property, plant and equipment	19	33,435,100,376	30,939,408,549	2,867,279	119,062,452	64,496,438,656
Right-of-use assets	20	252,605,378	1,136,370,715	24,122,709	3,641,052	1,416,739,854
Capital work-in-progress	21	1,079,730,014	1,655,192,054	370,500	12,282,782	2,747,575,350
Intangible assets and goodwill	22	248,137,485	52,796,645	7,128,537	48,034,865	356,097,532
Investment in joint ventures	23	-	190,008,000	926,708,693	-	1,116,716,693
Total assets		48,238,876,523	40,370,153,946	4,370,102,108	4,678,464,471	97,657,597,048
 Long-term borrowings	39	 28,037,439,188	 20,726,122,968	 829,930,447	 -	 49,593,492,603
Lease liabilities	41	196,094,050	1,042,155,639	24,667,434	3,683,187	1,266,600,310
Total liabilities		32,285,237,755	24,479,614,121	1,619,015,365	880,797,042	59,264,664,283

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7.3 Geographical segment

A geographical segment is a group of assets, operations or entities engaged in revenue producing activities within a particular economic environment that are subject to risks and returns different from those operating in other economic environments. The Group's operations are conducted in the Kingdom of Saudi Arabia and East Africa (Note 2) and therefore all the non-current assets of the Group are located within the Kingdom of Saudi Arabia and East Africa.

The Group's geographical distribution of revenue generation by destination for the quarter / year ended is as follows:

	Notes	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 March 2020						
International						
Indian subcontinent and Asia-pacific		936,458,522	248,923,446	-	-	1,185,381,968
Brazil, Singapore, GCC MENA, Africa, Europe, Latin America and North America		581,074,225	1,086,862,677	535,872	-	1,668,472,774
Switzerland and others		352,977,709	135,595,095	684,766,270	-	1,173,339,074
Sub-total		1,870,510,456	1,471,381,218	685,302,142	-	4,027,193,816
Domestic		37,062,411	290,902,724	-	-	327,965,135
Total	7.2,8	1,907,572,867	1,762,283,942	685,302,142	-	4,355,158,951
31 March 2019						
International						
Indian subcontinent and Asia-pacific		1,409,798,702	128,230,876	-	-	1,538,029,578
Brazil, Singapore, GCC MENA, Africa, Europe, Latin America and North America		214,896,486	1,183,154,651	881,489	-	1,398,932,626
Switzerland and others		436,244,332	204,873,703	379,695,742	-	1,020,813,777
Sub-total		2,060,939,520	1,516,259,230	380,577,231	-	3,957,775,981
Domestic		14,823,156	268,742,403	-	-	283,565,559
Total	7.2,8	2,075,762,676	1,785,001,633	380,577,231	-	4,241,341,540
31 December 2019						
International						
Indian subcontinent and Asia-pacific		4,696,572,388	906,668,770	-	-	5,603,241,158
Brazil, Singapore, GCC MENA, Africa, Europe, Latin America and North America		2,195,660,321	4,142,722,119	3,372,485	-	6,341,754,925
Switzerland and others		1,289,339,757	1,096,695,005	2,082,832,411	-	4,468,867,173
Sub-total		8,181,572,466	6,146,085,894	2,086,204,896	-	16,413,863,256
Domestic		68,738,869	1,253,676,461	-	-	1,322,415,330
Total	7.2,8	8,250,311,335	7,399,762,355	2,086,204,896	-	17,736,278,586

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7.3 Geographical segment (continued)

The Group's geographical distribution of external revenue by major customers and by destination for the quarter / year ended are as follows:

	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 March 2020					
Customer No. 1 – Switzerland	-	-	635,492,350	-	635,492,350
Customer No. 2 – Spain	-	228,677,535	-	-	228,677,535
Customer No. 3 – Indian subcontinent	172,627,500	-	-	-	172,627,500
31 March 2019					
Customer No. 1 – Switzerland	-	-	355,250,524	-	355,250,524
Customer No. 2 – Spain	-	256,788,176	-	-	256,788,176
Customer No. 3 – Indian subcontinent	165,093,750	-	-	-	165,093,750
31 December 2019					
Customer No. 1 – Switzerland	-	-	2,007,245,243	-	2,007,245,243
Customer No. 2 – Indian subcontinent	1,195,608,750	-	-	-	1,195,608,750
Customer No. 3 – Spain	-	957,813,474	-	-	957,813,474

The Group's revenue generation by product for the quarter / year ended are as follows:

	Notes	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 March 2020						
Ammonia phosphate fertilizer and ammonia		1,808,144,185	-	-	-	1,808,144,185
Low grade bauxite, caustic calcined magnesia, dead burned magnesia and monolithic		26,912,284	-	-	-	26,912,284
Primary aluminium		-	935,418,442	-	-	935,418,442
Alumina		-	36,707,352	-	-	36,707,352
Flat rolled products		-	790,148,098	-	-	790,148,098
Gold		-	-	685,302,142	-	685,302,142
Infrastructure (rendering of services)		4,950	10,050	-	-	15,000
Others		72,511,448	-	-	-	72,511,448
Total	7.2,8	1,907,572,867	1,762,283,942	685,302,142	-	4,355,158,951

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7.3 Geographical segment (continued)

The Group's revenue generation by product for the quarter / year ended are as follows:

	Notes	Phosphate	Aluminium	Precious and base metals	Corporate	Total
31 March 2019						
Ammonia phosphate fertilizer and ammonia		2,046,357,808	-	-	-	2,046,357,808
Low grade bauxite, caustic calcined magnesia, dead burned magnesia and monolithic		29,335,319	-	-	-	29,335,319
Primary aluminium		-	929,170,346	-	-	929,170,346
Alumina		-	99,233,591	-	-	99,233,591
Flat rolled products		-	756,456,491	-	-	756,456,491
Gold		-	-	380,577,231	-	380,577,231
Infrastructure (rendering of services)		69,549	141,205	-	-	210,754
Total	7.2, 8	2,075,762,676	1,785,001,633	380,577,231	-	4,241,341,540
31 December 2019						
Ammonia phosphate fertilizer and ammonia		8,031,129,007	-	-	-	8,031,129,007
Low grade bauxite, caustic calcined magnesia, dead burned magnesia and monolithic		134,710,836	-	-	-	134,710,836
Primary aluminium		-	4,007,376,078	-	-	4,007,376,078
Alumina		-	453,664,914	-	-	453,664,914
Flat rolled products		-	2,938,214,780	-	-	2,938,214,780
Gold		-	-	2,086,204,896	-	2,086,204,896
Infrastructure (rendering of services)		249,511	506,583	-	-	756,094
Others		84,221,981	-	-	-	84,221,981
Total	7.2,8	8,250,311,335	7,399,762,355	2,086,204,896	-	17,736,278,586

All the subsidiaries and joint venture entities listed in Notes 2 and 7.1, are incorporated in the Kingdom of Saudi Arabia and East Africa.

8 Sales

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Phosphate segment				
Ammonia phosphate fertilizer and ammonia				
• Sale of goods		1,757,934,877	1,996,244,084	7,813,932,810
Movement in provisional product prices during the quarter / year		(22,353,513)	(25,580,602)	(90,903,314)
		1,735,581,364	1,970,663,482	7,723,029,496
• Rendering of transportation services		72,562,821	75,694,326	308,099,511
		1,808,144,185	2,046,357,808	8,031,129,007
Industrial minerals				
• Sale of goods		26,335,831	28,983,031	133,044,244
• Rendering of transportation services		576,453	352,288	1,666,592
		26,912,284	29,335,319	134,710,836
Sub-total		1,835,056,469	2,075,693,127	8,165,839,843
Aluminium segment				
Primary aluminium				
• Sale of goods		935,436,973	925,184,990	4,006,585,801
Movement in provisional product prices during the quarter / year		(1,290,062)	-	(14,754,991)
		934,146,911	925,184,990	3,991,830,810
• Rendering of transportation services		1,271,531	3,985,356	15,545,268
		935,418,442	929,170,346	4,007,376,078
Alumina				
• Sale of goods		36,707,352	99,233,591	453,664,914
Flat rolled products				
• Sale of goods		786,081,037	751,733,061	2,919,270,973
• Rendering of transportation services		4,067,061	4,723,430	18,943,807
		790,148,098	756,456,491	2,938,214,780
Sub-total		1,762,273,892	1,784,860,428	7,399,255,772
Precious and base metals segment				
Gold				
• Sale of goods		685,302,142	380,577,231	2,086,204,896
Infrastructure				
Rendering of services		15,000	210,754	756,094
Others	7.2,7.3	72,511,448	-	84,221,981
Total	8.1	4,355,158,951	4,241,341,540	17,736,278,586
8.1 Timing of revenue recognition				
At a point in time				
- sale of goods		4,276,666,085	4,156,375,386	17,391,267,314
- rendering of services		15,000	210,754	756,094
Sub-total		4,276,681,085	4,156,586,140	17,392,023,408
Over a period of time				
- rendering of transportation services		78,477,866	84,755,400	344,255,178
Total	8	4,355,158,951	4,241,341,540	17,736,278,586

8 Sales (continued)

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Gold sales analysis			
Quantity of gold ounces (Oz) sold	115,927	78,328	394,117
Average realized price per ounce (Oz) in:			
US\$	1,576	1,296	1,411
Saudi Riyals (equivalent)	5,911	4,859	5,293

9 Cost of sales

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Salaries and staff related benefits		334,101,967	405,529,189	1,614,967,835
Contracted services		333,033,896	292,465,344	1,250,309,031
Repairs and maintenance		78,607,070	52,344,120	294,577,302
Consumables		100,530,180	33,490,914	179,196,792
Overheads		223,203,224	201,940,990	811,424,253
Raw material and utilities consumed		1,512,429,383	1,933,350,873	6,876,692,286
Sale of by-products	9.1	(18,808,664)	(14,774,499)	(51,126,597)
Allowance for inventory obsolescence, net	29.1	1,625,761	16,549	410,696
Severance fees	47	35,950,411	3,856,815	122,384,655
Total cash operating costs		2,600,673,228	2,908,220,295	11,098,836,253
Depreciation of mine properties	18.1	236,923,379	162,964,418	812,077,882
Depreciation of property, plant and equipment	19.1	904,654,246	905,133,610	3,544,287,396
Depreciation of right-of-use assets	20.1	46,653,895	55,832,795	203,242,835
Amortisation of intangible assets	22.1	7,226,774	5,131,585	27,424,061
Total operating costs		3,796,131,522	4,037,282,703	15,685,868,427
Decrease / (increase) in inventory	26,29	277,825,716	(365,085,494)	(597,563,605)
Total cost of goods sold		4,073,957,238	3,672,197,209	15,088,304,822
Cost of rendering transportation services		78,477,866	84,755,400	344,255,178
Total		4,152,435,104	3,756,952,609	15,432,560,000

9.1 Sale of by-products by MGBM comprise of the following commodities:

Zinc		8,501,632	10,201,259	29,160,243
Copper		6,970,848	3,397,665	16,252,701
Silver		3,336,184	1,175,575	5,713,653
Total	9	18,808,664	14,774,499	51,126,597

10 Selling, marketing and logistic expenses

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Salaries and staff related benefits	9,572,184	11,287,760	50,045,493
Contracted services	2,758,648	1,653,472	7,832,315
Freight and overheads	39,697,235	39,581,495	260,439,856
Warehouse and storage	22,020,212	11,188,668	91,677,451
Consumables	195,318	32,387	1,452,507
Marketing fees and deductibles	36,899,608	39,788,112	197,572,831
Other selling expenses	7,868,022	7,554,628	32,060,250
Total	119,011,227	111,086,522	641,080,703

11 General and administrative expenses

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Salaries and staff related benefits		84,933,111	65,528,425	289,559,379
Contracted services		38,339,808	10,066,418	146,587,079
Overheads and other		18,475,197	6,541,775	73,708,229
Consumables		649,037	667,394	2,633,690
Repair parts		449,169	275,892	2,669,022
Depreciation of property, plant and equipment	19.1	9,671,922	7,183,719	30,728,241
Depreciation of right-of-use assets	20.1	602,944	245,724	886,157
Amortisation of intangible assets	22.1	3,956,342	3,436,366	15,071,885
Total		157,077,530	93,945,713	561,843,682

12 Exploration and technical services expenses

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Salaries and staff related benefits		5,077,921	11,662,284	31,992,670
Contracted services		38,192,876	13,751,234	136,865,985
Overheads and other		1,070,988	391,506	4,925,923
Consumables		650,372	996,865	3,039,134
Repair parts		182,428	7,290	338,722
Depreciation of property, plant and equipment	19.1	718,743	718,871	2,747,288
Amortisation of intangible assets	22.1	29,441	-	-
Total		45,922,769	27,528,050	179,909,722

13 Impairment of non-current assets

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Impairment of mining capital work-in-progress	18	-	-	(33,445,660)
Impairment of capital work-in-progress	21	-	-	(1,799,378)
Total	7.2	-	-	(35,245,038)

14 Income from time deposits

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Income from time deposits – measured at amortised cost	7.2	31,666,326	59,795,372	205,403,500

15 Finance cost

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Public Investment Fund		124,295,107	188,057,583	645,963,969
Saudi Riyal procurement		19,342,258	39,940,682	144,347,338
Commercial		56,714,175	73,892,608	269,968,755
US Dollar procurement		2,508,605	3,302,637	12,246,707
Wakala		13,071,267	18,115,507	66,638,477
Saudi Industrial Development Fund		23,088,846	4,790,996	86,533,011
Riyal Murabaha facility		148,401,300	178,153,325	683,177,413
Sukuk facility		32,828,180	37,048,368	147,701,093
Revolving credit facility		4,687,500	4,687,500	32,062,500
Others		10,479,352	2,584,208	54,317,289
Sub-total		435,416,590	550,573,414	2,142,956,552
Amortization of revolving loan transaction cost	26	3,562,500	3,562,500	14,250,000
Amortization of transaction cost on long-term borrowings	39.11	24,978,961	26,977,318	109,104,930
Accretion of provision for mine decommissioning obligations	40.1,40.2, 40.3,40.4	3,818,944	5,247,487	22,481,429
Accretion of finance cost under lease liabilities	41.2	12,664,305	15,700,925	53,004,942
Net settlement of accrued derivative interest	42	11,818,070	1,984,363	23,991,691
Finance cost on employees' end of service termination benefits obligation	43.1	6,311,377	5,385,421	24,522,340
Unwinding of discount of long-term retention payable	44.1	-	11,052,030	11,052,030
Total	7.2,15.1	498,570,747	620,483,458	2,401,363,914

15.1 Summary of finance cost

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Expensed during the quarter / year	15	498,570,747	620,483,458	2,401,363,914
Borrowing cost capitalised as part of qualifying assets in capital work-in-progress during the quarter / year	21	5,000,457	-	21,178,231
Amortization of transaction cost capitalized as part of qualifying assets in capital work-in-progress during the quarter / year	21,39.11	665,786	-	2,094,184
Total		504,236,990	620,483,458	2,424,636,329

16 Other expenses / (income), net

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Adjustment to mine closure provision	40.1	-	-	(10,179,743)
Increase in provision for research and development fund	44.2	-	409,383	-
Increase in provision for community development fund	44.2	-	409,383	-
Loss / (gain) on exchange difference	50.1.1	72,010,598	(1,899,976)	(6,501,013)
Legal settlement claim receivable in a legal case to a contractor		-		(46,875,000)
Purchase order price adjustment		-	(223,705)	-
Gain from supply of power to Saudi Ports Authority and RCJY		(525,320)	(119,416)	(1,465,663)
Others, net		784,832	(1,889,034)	(22,368,831)
Total	7.2	72,270,110	(3,313,365)	(87,390,250)

17 Loss per ordinary share

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Loss attributable to ordinary shareholders of the parent company		(353,253,330)	(127,211,672)	(739,463,938)
Weighted average number of ordinary shares used as the denominator in calculating basic and diluted loss per share	33	1,230,591,146	1,168,478,261	1,178,348,253
Basic and diluted loss per ordinary share from continuing operations		(0.28)	(0.10)	(0.62)

Basic and diluted loss per ordinary share is calculated by dividing the loss attributable to the ordinary shareholders of the parent company by the weighted average number of ordinary shares in issue during the year (Note 33).

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18 Mine properties

			Operating mines									
Notes	Exploration and evaluation assets	Mines under construction	Fixed plant and heap leaching*	Mine infrastructure / buildings	Civil works	Heavy equipment*	Others*	Mine closure and rehabilitation provision	Stripping activity asset	Mining capital work-in-progress	Total	
Cost												
31 December 2018		330,493,453	-	6,512,452,635	2,252,398,524	1,796,261,123	401,035,795	478,246,418	284,807,453	338,445,815	634,878,515	13,029,019,731
1 January 2019 – IFRS 16 adjustment:												
Reclassification to right-of-use assets	20	-	-	(77,386,506)	-	-	(37,992,320)	(14,495,210)	-	-	-	(129,874,036)
Sub-total		330,493,453	-	6,435,066,129	2,252,398,524	1,796,261,123	363,043,475	463,751,208	284,807,453	338,445,815	634,878,515	12,899,145,695
Additions during the quarter		13,762,856	-	76,763	-	-	-	-	-	(28,922,906)	97,739,319	82,656,032
Transfers within mine properties		-	-	54,289,309	96,980,816	21,821,585	77,630	5,794,726	-	-	(178,964,066)	-
Decrease in mine closure and rehabilitation provision	40.2, 40.4	-	-	-	-	-	-	-	(18,249,708)	-	-	(18,249,708)
31 March 2019		344,256,309	-	6,489,432,201	2,349,379,340	1,818,082,708	363,121,105	469,545,934	266,557,745	309,522,909	553,653,768	12,963,552,019
Additions during the remainder of the year		65,996,039	-	13,756,246	-	-	-	-	-	160,697,519	496,426,186	736,875,990
Transfers within mine properties		(173,264,980)	-	284,872,923	61,744,790	1,480,000	17,423,772	7,940,185	-	-	(200,196,690)	-
Impairment during the remainder of the year	13	(12,604,828)	-	-	-	-	-	-	-	-	(20,840,832)	(33,445,660)
Increase in mine closure and rehabilitation provision	40.2, 40.4	-	-	-	-	-	-	-	71,418,208	-	-	71,418,208
Adjustments		-	-	-	-	-	-	(1,099,097)	-	-	-	(1,099,097)
31 December 2019		224,382,540	-	6,788,061,370	2,411,124,130	1,819,562,708	380,544,877	476,387,022	337,975,953	470,220,428	829,042,432	13,737,301,460
Additions during the quarter		19,701,431	-	-	-	-	-	-	-	15,596,159	305,124,549	340,422,139
Transfers within mine properties		-	-	29,439,435	888,112	-	506,000	516,629	-	-	(31,350,176)	-
Transfer to property, plant and equipment	19	-	-	-	-	-	-	-	-	-	(1,079,365)	(1,079,365)
Transfer from capital work-in-progress	21	-	-	21,148,981	-	-	-	-	-	-	45,359,359	66,508,340
Transfer to intangible assets	22	-	-	-	-	-	-	-	-	-	(589,195)	(589,195)
31 March 2020		244,083,971	-	6,838,649,786	2,412,012,242	1,819,562,708	381,050,877	476,903,651	337,975,953	485,816,587	1,146,507,604	14,142,563,379

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18 Mine properties (continued)

Operating mines											
Notes	Exploration and evaluation assets	Mines under construction	Fixed plant and heap leaching*	Mine infrastructure / buildings	Civil works	Heavy equipment*	Others*	Mine closure and rehabilitation provision	Stripping activity asset	Mining capital work-in-progress	Total
Accumulated depreciation											
31 December 2018	-	-	1,688,948,013	697,453,995	40,761,714	184,419,316	236,283,046	62,958,624	73,152,169	-	2,983,976,877
1 January 2019 – IFRS 16 adjustment:											
Reclassification to right-of-use assets	20	-	-	(68,794,630)	-	-	(24,587,984)	(9,601,419)	-	-	(102,984,033)
Sub-total		-	-	1,620,153,383	697,453,995	40,761,714	159,831,332	226,681,627	62,958,624	73,152,169	- 2,880,992,844
Charge for the quarter	18.1	-	-	89,364,772	36,273,386	15,573,950	7,541,850	11,984,830	1,889,311	336,319	- 162,964,418
31 March 2019		-	-	1,709,518,155	733,727,381	56,335,664	167,373,182	238,666,457	64,847,935	73,488,488	- 3,043,957,262
Charge for the remainder of the year	18.1	-	-	308,419,374	119,464,720	57,035,069	35,307,622	33,199,512	8,585,638	87,101,529	- 649,113,464
Adjustments		-	-	-	-	-	-	(1,099,097)	-	-	- (1,099,097)
31 December 2019		-	-	2,017,937,529	853,192,101	113,370,733	202,680,804	270,766,872	73,433,573	160,590,017	- 3,691,971,629
Charge for the quarter	18.1	-	-	114,297,140	42,347,375	17,241,243	11,822,072	10,638,433	2,738,231	37,838,885	- 236,923,379
31 March 2020		-	-	2,132,234,669	895,539,476	130,611,976	214,502,876	281,405,305	76,171,804	198,428,902	- 3,928,895,008
Net book value as at											
31 March 2019	7.2	344,256,309	-	4,779,914,046	1,615,651,959	1,761,747,044	195,747,923	230,879,477	201,709,810	236,034,421	553,653,768 9,919,594,757
31 December 2019	7.2	224,382,540	-	4,770,123,841	1,557,932,029	1,706,191,975	177,864,073	205,620,150	264,542,380	309,630,411	829,042,432 10,045,329,831
31 March 2020	7.2	244,083,971	-	4,706,415,117	1,516,472,766	1,688,950,732	166,548,001	195,498,346	261,804,149	287,387,685 1,146,507,604	10,213,668,371

* Mine properties as at 31 December 2018 includes plant and equipment acquired as part of finance lease.

18 Mine properties (continued)

Initial recognition at cost

Exploration and evaluation asset

Expenditure is transferred from "Exploration and evaluation assets" to "Mines under construction" which is a sub-category of "Mine properties" once the work completed to date supports the future development of the property and such development receives appropriate approvals.

Mines under construction

After transfer of the exploration and evaluation assets, all subsequent expenditure on the construction, installation or completion of infrastructure facilities is capitalized in "Mines under construction". Development expenditure is net of proceeds from the sale of ore extracted during the development phase to the extent that it is considered integral to the development of the mine.

Any costs incurred in testing the assets to determine if they are functioning as intended, are capitalized, net of any proceeds received from selling any product produced while testing. Where these proceeds exceed the cost of testing, any excess is recognized in the consolidated statement of profit or loss and other comprehensive income. After production starts, all assets included in "Mines under construction" are then transferred to "Producing mines" which is also a sub-category of "Mine properties".

Mine closure and rehabilitation provision

Mine closure and rehabilitation provision includes the following restoration activities:

- dismantling and removing structures,
- rehabilitating mines and tailing dams,
- dismantling operating facilities,
- closing plant and waste sites and
- restoring, reclaiming and revegetating affected areas.

The obligation generally arises when the asset is installed or the ground environment is disturbed at the mining operations location. When the liability is initially recognized, the present value of the estimated cost is capitalized by increasing carrying amount of the related mining assets to the extent that it was incurred as a result of the development/construction of the mine.

Operating mines

Upon completion of the "Mine under construction" phase, the assets are transferred into "Mine properties" or "Property, plant and equipment". Items of property, plant and equipment and producing mine are stated at cost, less accumulated depreciation and impairment losses.

The initial cost of an asset comprises its purchase price or construction cost, any costs directly attributable to bringing the asset into operation, the initial estimate of the rehabilitation obligation, and, for qualifying assets (where relevant), borrowing costs. The purchase price or construction cost is the aggregate amount paid and the fair value of any other consideration given to acquire the asset.

Stripping activity asset

As part of its mining operations, the Group incurs stripping (waste removal) costs both during the development phase and production phase of its operations. Stripping costs incurred in the development phase of mine, before the production phase commences (development stripping), are capitalized as part of the cost of constructing the mine and subsequently amortized over the life-of-mine using a UOP method. The capitalization of developing stripping costs ceases when the mine / component is commissioned and ready for use as intended by management.

Stripping activities undertaken during the production phase of a surface mine (production stripping) is generally considered to create two benefits:

- the production of inventory or
- improved access to the ore to be mined in the future. Where the benefits are realized in the form of inventory produced in the period, the production stripping costs are accounted for as part of the cost of producing those inventories. Where the benefits are realized in the form of improved access to ore to be mined in the future, the costs are recognized as a non-current asset, referred to as a "stripping activity asset".

18 Mine properties (continued)

The stripping activity asset is accounted for as an addition to, or an enhancement of, an existing asset, being the mine asset, and is presented as part of "Mine properties" in the consolidated statement of financial position. This forms part of the total investment in the relevant cash generating unit(s), which is reviewed for impairment if events or changes of circumstances indicate that the carrying value may not be recoverable.

The stripping activity asset is subsequently depreciated using the UOP method over the life of the identified component of the ore body that became more accessible as a result of the stripping activity. Economically recoverable reserves, which comprise proven and probable reserves, are used to determine the expected useful life of the identified component of the ore body. The stripping activity asset is then carried at cost less depreciation and any impairment losses.

Mining capital work-in-progress

It is normal industry practice for producing mines to embark on major capital expenditure projects to enhance or improve the existing flow sheet and are accounted for as "Capital work-in-progress" until its completion for intended use, when it is transferred at cost to the producing mine and put into use, from which point onwards it is being depleted.

Depreciation and impairment***Exploration and evaluation assets***

Exploration and evaluation assets are not being depreciated, but are tested annually for impairment in accordance with IFRS 6.

Mines under construction

"Mines under construction" are not depreciated until construction is completed and the assets are available for their intended use. This is signified by the formal commissioning of the mine for commercial production.

Mine closure and rehabilitation provision, operating mines and stripping activity asset

The carrying values of mine closure and rehabilitation provision, producing mines and stripping activity assets are depleted on a systematic basis and are tested for impairment on an annual basis and when impairment indicators have been identified.

Mining capital work-in-progress

Mining capital work-in-progress are not depreciated until the construction is completed and the assets are available for their intended use. Mining capital work-in-progress are tested for impairment annually and when impairment indicators have been identified.

18.1 Allocation of depreciation charge for the quarter / year to:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Expensed through profit or loss				
Cost of sales	9,18	236,923,379	162,964,418	812,077,882

18.2 Mining properties pledged as security

Mine properties with a net book value at 31 March 2020 of SAR 4,969,133,822 (31 March 2019: SAR 4,982,664,730 and 31 December 2019: SAR 4,951,673,769) are pledged as security to lenders under the Common Term Agreements (Note 39.12).

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19 Property, plant and equipment

		Non-mining assets								
Notes	Land	Civil works	Buildings	Heavy equipment	Other equipment	Fixed plant	Office equipment	Furniture and fittings	Motor vehicles	Total
Cost										
1 January 2019	61,550,000	11,844,717,594	16,380,363,159	1,090,338,483	2,838,678,020	46,151,908,242	86,605,103	86,425,327	37,719,490	78,578,305,418
Addition during the quarter	-	-	-	-	-	26,300,356	-	-	-	26,300,356
Transfer from capital work-in-progress during the quarter	21	-	13,222,337	7,248,166	-	80,247,907	4,006,945	1,841,784	2,494,990	109,062,129
Written-off during the quarter		-	-	-	-	(60,400,541)	-	-	-	(60,400,541)
31 March 2019	61,550,000	11,857,939,931	16,387,611,325	1,090,338,483	2,858,525,386	46,182,215,543	88,446,887	88,920,317	37,719,490	78,653,267,362
Additions through business combination	5	-	-	149,743,864	-	573,615	17,732,587	2,580,960	915,968	175,000,673
Addition during the remainder of the year		-	-	29,856,285	-	950,408	114,895,012	633,641	590,494	148,173,064
Transfer from capital work-in-progress during the remainder of the year	21	-	159,668,409	42,252,656	-	154,657,335	766,309,993	10,423,821	1	1,133,312,215
Written-off during the remainder of the year		-	-	-	-	(168,777,682)	-	-	-	(168,777,682)
Adjustments		-	-	-	-	-	(267,905)	-	-	(267,905)
31 December 2019	61,550,000	12,017,608,340	16,609,464,130	1,090,338,483	2,845,929,062	47,081,153,135	101,817,404	90,426,780	42,420,393	79,940,707,727
Addition during the quarter		-	-	1,211,025	-	135,484	30,406,324	770,535	813,259	34,055,243
Transfer from mine properties during the quarter	18	-	-	-	-	-	1,079,365	-	-	1,079,365
Transfer from capital work-in-progress during the quarter	21	-	17,472,781	9,123,274	-	69,848,601	363,544,186	10,365,184	818,643	471,172,669
Written-off during the quarter		-	-	-	-	(54,006,762)	-	-	-	(54,006,762)
Foreign currency translation adjustments		-	-	(14,526,161)	-	(340,050)	(2,503,193)	(318,761)	(68,861)	(18,692,850)
Adjustments		-	(12,174,732)	(8,430,030)	-	(2,543,669)	(117,891)	(852,614)	(422,865)	(24,620,422)
31 March 2020	61,550,000	12,022,906,389	16,596,842,238	1,090,338,483	2,859,022,666	47,473,561,926	111,781,748	91,566,956	42,124,564	80,349,694,970

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19 Property, plant and equipment (continued)

----- Non-mining assets -----											
Notes	Land	Civil works	Buildings	Heavy equipment	Other equipment	Fixed plant	Office equipment	Furniture and fittings	Motor vehicles	Total	
Accumulated depreciation											
1 January 2019	-	837,758,469	1,451,031,143	72,487,407	979,886,752	8,600,462,269	58,124,590	60,018,304	36,183,340	12,095,952,274	
Charge for the quarter	19.1	-	93,834,956	116,961,888	19,578,527	88,031,671	590,303,237	2,036,001	2,036,528	913,036,200	
Written-off during the quarter		-	-	-	(60,400,541)	-	-	-	-	(60,400,541)	
31 March 2019		-	931,593,425	1,567,993,031	92,065,934	1,007,517,882	9,190,765,506	60,160,591	62,054,832	12,948,587,933	
Charge for the remainder of the year	19.1	-	281,716,262	351,714,663	58,735,662	247,885,322	1,712,699,675	6,664,898	4,186,714	2,664,726,725	
Written-off during the remainder of the year		-	-	-	(168,777,682)	-	-	-	-	(168,777,682)	
Adjustment		-	-	-	-	-	(267,905)	-	-	(267,905)	
31 December 2019		-	1,213,309,687	1,919,707,694	150,801,596	1,086,625,522	10,903,465,181	66,557,584	66,241,546	15,444,269,071	
Charge for the quarter	19.1	-	94,958,170	117,556,359	19,578,527	78,228,703	598,650,384	3,056,728	2,213,956	915,044,911	
Written-off during the quarter		-	-	-	(54,006,762)	-	-	-	-	(54,006,762)	
Foreign currency translation adjustments		-	-	(950,213)	-	(128,476)	(870,368)	(106,556)	(39,222)	(2,445,708)	
Adjustment		-	(5,088,952)	(3,732,730)	-	(2,543,669)	(133,631)	(994)	(445,096)	(11,995,641)	
31 March 2020		-	1,303,178,905	2,032,581,110	170,380,123	1,108,175,318	11,501,111,566	69,506,762	67,971,184	16,290,865,871	
Net book value											
31 March 2019	7.2	61,550,000	10,926,346,506	14,819,618,294	998,272,549	1,851,007,504	36,991,450,037	28,286,296	26,865,485	1,282,758	65,704,679,429
31 December 2019	7.2	61,550,000	10,804,298,653	14,689,756,436	939,536,887	1,759,303,540	36,177,687,954	35,259,820	24,185,234	4,860,132	64,496,438,656
31 March 2020	7.2	61,550,000	10,719,727,484	14,564,261,128	919,958,360	1,750,847,348	35,972,450,360	42,274,986	23,595,772	4,163,661	64,058,829,099

19 Property, plant and equipment (continued)**19.1 Allocation of depreciation charge for quarter / year to:**

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Expensed through profit or loss				
Cost of sales	9	904,654,246	905,133,610	3,544,287,396
General and administrative expenses	11	9,671,922	7,183,719	30,728,241
Exploration and technical services expenses	12	718,743	718,871	2,747,288
Total	19	915,044,911	913,036,200	3,577,762,925

19.2 Property, plant and equipment pledged as security

Property, plant and equipment with a net book value at 31 March 2020 of SAR 21,781,612,764 (31 March 2019: SAR 27,358,618,304 and 31 December 2019: SAR 27,277,743,656) are pledged as security to lenders under the Common Term Agreement (Note 39.12).

19.3 Impairment of rolling mill and automotive sheet CGUs***Impairment of rolling mill CGU***

As at 31 December 2019, management of the company performed an impairment assessment of the rolling mill CGU due to impairment recorded in prior years and the first year of commercial operations. The methodology used by management for the impairment assessment is the discounted cash flow analysis. Key assumptions used in this analysis include:

- a pretax discount rate of 10.3% p.a. which was calculated using a Capital Asset Pricing Model (CAPM) methodology;
- growth rate of 4.83% until the plant reaches its maximum designed capacity;
- for the calculation of the terminal value, the Gordon Growth Method was adopted which included a growth rate assumption of 4.0% which has been estimated based on third party consultant's forecasts for the industry.

Management concluded that the recoverable amount for the capital work-in-progress, property plant and equipment and intangible assets of the rolling mill CGU is higher than the carrying value of such assets by SAR 227 million. This estimated recoverable amount was based on approved five years business plan. The calculation involved an in-depth review of each key element of rolling mill CGU income and costs (including sales volume and prices, operating costs and capital expenditure) and included a review of historical results and also a review of third party forecasts of the aluminium market.

The recoverable amount of the rolling mill CGU would equal its carrying amount if the key assumptions were to change as follows:

	31 March 2020		31 December 2019	
	From	To	From	To
Discount rate	10.30%	10.69%	10.30%	10.59%
Growth rate	4.00%	3.33%	4.00%	3.53%
Growth rate until plant reaches its maximum capacity	4.83%	2.49%	4.83%	3.23%

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated.

Management of the company has considered and assessed reasonably possible changes for other key assumptions and has not identified any instances that could cause the carrying amount of the CGU to exceed its recoverable amount.

19 Property, plant and equipment (continued)***Impairment of automotive sheet CGU***

As at 31 December 2019, management of the company performed an impairment assessment of the automotive sheet CGU due to impairment recorded in prior years and the first year of commercial operations. The methodology used by management for the impairment assessment is the discounted cash flow analysis. Key assumptions used in this analysis include:

- a pretax discount rate of 10.3% p.a. which was calculated using a Capital Asset Pricing Model (CAPM) methodology;
- for the calculation of the terminal value, the Gordon Growth Method was adopted which included a growth rate assumption of 4.0% which has been estimated based on third party consultant's forecasts for the industry;

Management concluded that the recoverable amount for the capital work-in-progress, property plant and equipment and intangible assets of automotive sheet CGU is higher than the carrying value of such assets by SAR 163 million. This estimated recoverable amount was based on approved five years business plan. The calculation involved an in-depth review of each key element of automotive sheet CGU income and costs (including sales volume and prices, operating costs and capital expenditure) and included a review of historical results and also a review of third-party forecasts of the aluminium automotive market.

The recoverable amount of the automotive sheet CGU would equal its carrying amount if the key assumptions were to change as follows:

	31 March 2020		31 December 2019	
	From	To	From	To
Discount rate	10.30%	11.20%	10.30%	11.30%
Growth rate	4.00%	2.75%	4.00%	2.65%

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated.

Management of the company has considered and assessed reasonably possible changes for other key assumptions and has not identified any instances that could cause the carrying amount of the CGU to exceed its recoverable amount.

Impairment of MWSPC CGU

As at 31 December 2019, management of the company performed an impairment assessment of the MWSPC CGU, due to the weak commodity market conditions. The impairment assessment resulted in no impairment. The value-in-use of MWSPC's assets, was based on a discounted cash flow analysis which utilized the most recent five-year business plan prepared by management.

Key assumptions used in this analysis included:

- a pre-tax discount rate of 10.4% per annum which was calculated using a Capital Asset Pricing Model (CAPM) methodology;
- for the calculation of the terminal value, the Gordon Growth Method was adopted which included a growth rate of 4.0% which has been estimated based on third party consultant's forecasts for the industry.

Management concluded that the recoverable amount for the capital work-in-progress, property plant and equipment and mine properties of MWSPC is higher than the carrying value of such assets by SAR 2,091 million. This estimated recoverable amount was based on approved five years business plan. The calculation involved an in-depth review of each key element of MWSPC income and costs (including sales volume and prices, operating costs and capital expenditure) and included a review of historical results.

The recoverable value of this CGU would equal its carrying amount if the key assumptions were to change as follows:

	31 March 2020		31 December 2019	
	From	To	From	To
Discount rate	10.40%	10.73%	10.40%	10.89%
Growth rate	4.00%	3.57%	4.00%	3.36%

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated.

Management of the company has considered and assessed reasonably possible changes for other key assumptions and have not identified any instances that could cause the carrying amount of CGU to exceed its recoverable amount.

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20 Right-of-use assets

	Notes	Heavy equipment	Fixed plant	Motor vehicles	Land	Infra-structure	Vessels	Total
Cost								
1 January 2019 – IFRS 16 adjustment:								
Reclassification from mine properties	18	37,992,320	77,386,506	14,495,210	-	-	-	129,874,036
Reclassification from intangible assets	22	-	-	-	-	297,876,390	-	297,876,390
Initial recognition of right-of-use assets	41.1,41.2	86,224,757	941,625,228	84,892,430	105,317,550	-	74,420,106	1,292,480,071
Sub-total		124,217,077	1,019,011,734	99,387,640	105,317,550	297,876,390	74,420,106	1,720,230,497
Additions during the quarter	41.1,41.2	-	15,745,644	-	-	-	-	15,745,644
31 March 2019		124,217,077	1,034,757,378	99,387,640	105,317,550	297,876,390	74,420,106	1,735,976,141
Additions during the remainder of the year	41.1,41.2	-	759,932	30,637,605	10,804,640	1,069,854	48,422,265	91,694,296
Adjustments		(39,093,388)	10,975,914	(9,348,909)	(421,282)	-	-	(37,887,665)
31 December 2019		85,123,689	1,046,493,224	120,676,336	115,700,908	298,946,244	122,842,371	1,789,782,772
Additions during the quarter	41.1,41.2	1,345,627	-	14,667,355	948,728	370,735	-	17,332,445
Adjustments		-	-	(4,244,444)	-	-	-	(4,244,444)
31 March 2020		86,469,316	1,046,493,224	131,099,247	116,649,636	299,316,979	122,842,371	1,802,870,773

20 Right-of-use assets (continued)

	Notes	Heavy equipment	Fixed plant	Motor vehicles	Land	Infra-structure	Vessels	Total
Accumulated depreciation								
1 January 2019 – IFRS 16 adjustment:								
Reclassification from mine properties	18	24,587,984	68,614,164	9,781,885	-	-	-	102,984,033
Reclassification from intangible assets	22	-	-	-	-	94,509,054	-	94,509,054
Sub-total		24,587,984	68,614,164	9,781,885	-	94,509,054	-	197,493,087
Charge for the quarter	20.1	11,447,122	20,331,993	8,024,380	3,509,230	2,052,073	10,713,721	56,078,519
31 March 2019		36,035,106	88,946,157	17,806,265	3,509,230	96,561,127	10,713,721	253,571,606
Charge for the remainder of the year	20.1	27,964,380	41,613,974	32,894,491	2,336,971	6,245,375	36,995,282	148,050,473
Adjustments		(25,882,088)	-	(2,697,073)	-	-	-	(28,579,161)
31 December 2019		38,117,398	130,560,131	48,003,683	5,846,201	102,806,502	47,709,003	373,042,918
Charge for the quarter	20.1	9,415,038	11,028,596	10,002,827	2,359,208	2,196,711	12,254,459	47,256,839
Adjustments		-	-	(2,236,572)	-	-	-	(2,236,572)
31 March 2020		47,532,436	141,588,727	55,769,938	8,205,409	105,003,213	59,963,462	418,063,185
Net book value								
31 March 2019	7.2	88,181,971	945,811,221	81,581,375	101,808,320	201,315,263	63,706,385	1,482,404,535
31 December 2019	7.2	47,006,291	915,933,093	72,672,653	109,854,707	196,139,742	75,133,368	1,416,739,854
31 March 2020	7.2	38,936,880	904,904,497	75,329,309	108,444,227	194,313,766	62,878,909	1,384,807,588

20 Right-of-use assets (continued)

Right-of-use assets for infrastructure comprises the infrastructure and support services assets at Ras Al-Khair that were transferred to the Royal Commission of Jubail and Yanbu ("RCJY") as stated in the Implementation Agreement signed between Ma'aden and RCJY. The cost of the assets comprises of its construction cost and any other costs directly attributable to bringing such assets to working condition for their intended use. Such assets were carried at historical cost less accumulated amortisation, however, these assets have been recognized as right-of-use assets upon adoption of IFRS 16 on 1 January 2019 (Note 22) and depreciation is provided over the remaining period of LUSA (Land Usage and Service Agreement) term.

20.1 Allocation of depreciation charge for the quarter / year to:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
Expensed through profit or loss				
Cost of sales	9	46,653,895	55,832,795	203,242,835
General and administrative expenses	11	602,944	245,724	886,157
Total	20	47,256,839	56,078,519	204,128,992

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21 Capital work-in-progress

	Notes	Non-mining assets				Total
		Property, plant and equipment	Automotive sheet	Ammonia project 3	Administrative offices and others	
1 January 2019		1,229,448,208	775,535,381	174,547,505	17,498,191	2,197,029,285
Additions during the quarter		252,500,958	5,628,340	126,988,936	(3,072,219)	382,046,015
Transfer to property, plant and equipment	19	(109,062,129)	-	-	-	(109,062,129)
Transfer to intangible assets	22	(826,452)	-	-	-	(826,452)
31 March 2019	7.2	1,372,060,585	781,163,721	301,536,441	14,425,972	2,469,186,719
Additions through a business combination	5	11,258,503	-	-	-	11,258,503
Additions during the remainder of the year		818,319,403	(25,482,694)	639,084,776	(14,425,972)	1,417,495,513
Impairment at the end of the remainder of the year	13	(1,799,378)	-	-	-	(1,799,378)
Transfer to property, plant and equipment	19	(377,631,188)	(755,681,027)	-	-	(1,133,312,215)
Transfer to intangible assets	22	(15,253,792)	-	-	-	(15,253,792)
31 December 2019	7.2	1,806,954,133	-	940,621,217	-	2,747,575,350
Additions during the quarter		260,165,298	-	425,902,263	-	686,067,561
Transfer to mine properties	18	(66,508,340)	-	-	-	(66,508,340)
Transfer to property, plant and equipment	19	(471,172,669)	-	-	-	(471,172,669)
Transfer to intangible assets	22	(5,095,835)	-	-	-	(5,095,835)
31 March 2020	7.2	1,524,342,587	-	1,366,523,480	-	2,890,866,067

21 Capital work-in-progress (continued)

The Group has capitalized the following as part of capital work-in-progress during the quarter / year:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Net borrowing cost attributable to qualifying assets (using a capitalization rate ranging from 1.73% to 4.17% per annum)	15.1	5,000,457	-	21,178,231
Amortization of transaction cost on long-term borrowings	15.1, 39.11	665,786	-	2,094,184
Total		5,666,243	-	23,272,415

21.1 Capital work-in-progress pledged as security

At 31 March 2020, the net book value of SAR 684,998,923 (31 March 2019: SAR 745,802,558 and 31 December 2019: SAR 887,773,606) are pledged as security to the lenders (Note 39.12).

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22 Intangible assets and goodwill

	Notes	Infrastructure	Internally developed software	Technical development	Software and licenses	Goodwill (Note 5)	Customer relationships	Non-core contracts	Total
Cost									
31 December 2018		297,876,390	24,369,462	17,705,112	242,579,403	-	-	-	582,530,367
1 January 2019 – IFRS 16 adjustment:									
Reclassification to right-of-use assets	20	(297,876,390)	-	-	-	-	-	-	(297,876,390)
Sub-total		-	24,369,462	17,705,112	242,579,403	-	-	-	284,653,977
Transfer from capital work-in-progress during the quarter	21	-	-	-	826,452	-	-	-	826,452
31 March 2019		-	24,369,462	17,705,112	243,405,855	-	-	-	285,480,429
Additions during the remainder of the year		-	-	-	173,621	-	-	-	173,621
Additions through a business combination	5	-	-	-	178,224	159,465,843	75,375,000	10,500,000	245,519,067
Transfer from capital work-in-progress during the remainder of the year	21	-	-	-	15,253,792	-	-	-	15,253,792
31 December 2019		-	24,369,462	17,705,112	259,011,492	159,465,843	75,375,000	10,500,000	546,426,909
Additions during the quarter		-	-	-	128,916	-	-	-	128,916
Transfer from mine properties during the quarter	18	-	-	-	589,195	-	-	-	589,195
Transfer from capital work-in-progress during the quarter	21	-	-	-	5,095,835	-	-	-	5,095,835
31 March 2020		-	24,369,462	17,705,112	264,825,438	159,465,843	75,375,000	10,500,000	552,240,855

22 Intangible assets and goodwill (continued)

	Notes	Infrastructure	Internally developed software	Technical development	Software and licenses	Goodwill (Note 5)	Customer relationships	Non-core contracts	Total
Accumulated amortisation									
31 December 2018		94,509,054	20,719,394	9,611,345	117,502,692	-	-	-	242,342,485
1 January 2019 – IFRS 16 adjustment:									
Reclassification to right-of-use assets	20	(94,509,054)	-	-	-	-	-	-	(94,509,054)
Sub-total		-	20,719,394	9,611,345	117,502,692	-	-	-	147,833,431
Charge for the quarter	22.1	-	697,225	600,708	7,270,018	-	-	-	8,567,951
31 March 2019		-	21,416,619	10,212,053	124,772,710	-	-	-	156,401,382
Charge for the remainder of the year	22.1	-	2,077,511	1,802,127	25,813,982	-	3,140,625	1,093,750	33,927,995
31 December 2019		-	23,494,130	12,014,180	150,586,692	-	3,140,625	1,093,750	190,329,377
Charge for the quarter	22.1	-	606,137	600,709	7,465,086	-	1,884,375	656,250	11,212,557
31 March 2020		-	24,100,267	12,614,889	158,051,778	-	5,025,000	1,750,000	201,541,934
Net book value									
31 March 2019	7.2	-	2,952,843	7,493,059	118,633,145	-	-	-	129,079,047
31 December 2019	7.2	-	875,332	5,690,932	108,424,800	159,465,843	72,234,375	9,406,250	356,097,532
31 March 2020	7.2	-	269,195	5,090,223	106,773,660	159,465,843	70,350,000	8,750,000	350,698,921

*Others represent customer relationships and non-core contracts acquired in a business combination.

22 Intangible assets and goodwill (continued)

Intangible assets with a net book value at 31 March 2020 of Nil (31 March 2019: SAR 13,265,739 and 31 December 2019: SAR 11,428,944) are pledged as security to lenders under the Common Term Financing Agreement (Note 39.12).

Intangible assets for infrastructure comprises the infrastructure and support services assets at Ras Al-Khair that were transferred to the Royal Commission of Jubail and Yanbu ("RCJY") as stated in the Implementation Agreement signed between Ma'aden and RCJY. The cost of the intangible assets comprises of its construction cost and any other costs directly attributable to bringing such assets to working condition for their intended use. Such intangible assets are carried at historical cost less accumulated amortization. Amortization is provided over the remaining period of LUSA (Land Usage and Service Agreement) term. These assets have been recognized as right-of-use assets upon adoption of IFRS 16 on 1 January 2019 (Note 20).

22.1 Allocation of amortisation charge for the quarter / year to:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Notes				
Expensed through profit or loss				
Cost of sales	9	7,226,774	5,131,585	27,424,061
General and administrative expenses	11	3,956,342	3,436,366	15,071,885
Exploration and technical services expenses	12	29,441	-	-
Total	22	11,212,557	8,567,951	42,495,946

22.2 Goodwill

Goodwill is attributable to fertilizer distribution network and assembled workforce that cannot be assigned to any other determinable and separate intangible asset.

The Group tests whether goodwill has suffered any impairment on an annual basis. For the impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or CGUs. For the year ended 31 December 2019, the recoverable amount of fertilizer distribution companies which was considered as single group of cash generating units was determined based on value-in-use calculations which require the use of assumptions. The calculations use cash flow projections based on financial budgets approved by management covering a five-years period. Cash flows beyond the five-years period are extrapolated using the estimated growth rate stated below. This growth rate is consistent with forecasts included in industry reports specific to the industry in which the group of CGUs operate. Goodwill is allocated to the fertilizer distribution companies as a whole and falls under "Phosphate Strategic Business Unit Segment" in the operating segment. Management's judgment to allocate goodwill to the fertilizer business considered the broader reason for which acquisition was made, i.e. acquiring of fertilizer distribution network in East Africa. The calculation of value in use is most sensitive to the assumptions on sales growth rate, discount rate and average EBITDA margins. Key assumptions underlying the projections are:

Key assumptions	%
Sales growth rate	15.4
Discount rate	28
Average EBITDA margin	7.8

Sensitivity to the changes in assumptions

With regard to the assessment of the value in use, management believes that no reasonably possible change in any of the key assumptions above would cause the carrying value of the group of CGUs including goodwill to materially exceed its recoverable amount. The implications of changes to the key assumptions are discussed below.

Sales growth rate

The sales growth in the forecast period has been estimated to be compound annual growth rate of 15.4%.

Discount rate

The discount rate was an estimate of the weighted average cost of capital as of 31 March 2020 and 31 December 2019 based on market rates adjusted to reflect management's estimate of the specific risks relating to operations in East Africa.

Average EBITDA margin

The average EBITDA margins of 7.8% was estimated in the forecast period.

22 Intangible assets and goodwill (continued)

The value in use would equal its carrying amount if the key assumptions were to change as follows:

	31 March 2020		31 December 2019	
	From	To	From	To
Sales growth rate	15.4%	9.7%	15.4%	7.7%
Discount rate	28%	31.1%	28%	34%
Average EBITDA margin	7.8%	6.7%	7.8%	6.1%

23 Investment in joint ventures

	Notes	31 March 2020	31 March 2019	31 December 2019
MBCC	23.1.3	977,050,344	1,019,352,189	926,708,693
SAMAPCO	23.2.3	176,458,000	386,306,419	190,008,000
Total	7.2	1,153,508,344	1,405,658,608	1,116,716,693

The Group's 50% interest in the issued and paid-up share capital of these two joint ventures are accounted for using the equity method of accounting, see Note 4.1.

Summarised financial information related to joint ventures

The financial statements of these two joint ventures are prepared in accordance with IFRS. The accounting policies used, in the preparation of these IFRS financial statements, as well as their reporting dates are consistent with that of the Group.

Summarized financial information (100% share) of MBCC and SAMAPCO, based on their management accounts or audited annual financial statements and a reconciliation with the carrying amount of the respective investments, as shown in the consolidated financial statements of the Group, are set out below:

23.1 MBCC**23.1.1 Summarised statement of profit or loss and other comprehensive income**

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Sales and other operating revenues		281,181,536	309,835,649	1,166,149,789
Finance cost		(305,931)	(2,110,010)	(3,542,288)
Depreciation and amortization		(50,614,621)	(45,657,277)	(183,285,385)
Other expenses		(103,303,727)	(100,194,164)	(480,349,495)
Profit before zakat, severance fees and income tax		126,957,257	161,874,198	498,972,621
Zakat and severance fees		(12,614,630)	(17,244,037)	(50,941,611)
Income tax		(18,340,591)	-	(50,216,237)
Profit for the quarter / year from continuing operations		96,002,036	144,630,161	397,814,773
Other comprehensive loss		(706,232)	(501,634)	(1,142,630)
Total comprehensive income		95,295,804	144,128,527	396,672,143
Group's share of profit for the quarter / year	23.1.3	50,734,003	54,260,344	189,255,551
Group share of other comprehensive loss	23.1.3	(392,352)	-	(763,703)
Group's share of total comprehensive income for the quarter / year *	7.2	50,341,651	54,260,344	188,491,848

*Ma'aden's share in net income is reduced by zakat and severance fees which is applicable to the Saudi shareholder only. Furthermore, share in net income is calculated based on the available draft of the MBCC financial statements at the time of issuance of the Ma'aden consolidated financial statements. This sometimes may lead to minor variation which is adjusted in the next accounting period.

23 Investment in joint ventures (continued)**23.1.2 Summarised statement of financial position**

	Note	31 March 2020	31 March 2019	31 December 2019
Assets				
Non-current assets		1,708,820,745	1,798,371,047	1,751,256,843
Current assets				
Other current assets		228,131,399	233,631,616	233,663,929
Cash and cash equivalents		326,976,036	461,795,294	162,683,811
Total assets		2,263,928,180	2,493,797,957	2,147,604,583
Liabilities				
Non-current liabilities				
Other non-current liabilities		66,975,655	69,044,240	67,839,716
Current liabilities				
Current portion of long-term borrowings		-	180,000,000	-
Other current liabilities		242,485,611	195,664,873	215,601,673
Total liabilities		309,461,266	444,709,113	283,441,389
Net assets		1,954,466,914	2,049,088,844	1,864,163,194
Group's proportionate ownership %		50%	50%	50%
Group's proportionate ownership share in net assets*	23.1.3	977,050,344	1,019,352,189	926,708,693

*Group's proportionate ownership share in net assets includes zakat and severance fees impact (Note 23.1.1).

23.1.3 Reconciliation to carrying amounts

The investment of 50% in the issued and paid up share capital in MBCC (Note 2.12) is as follows:

	Notes	31 March 2020	31 March 2019	31 December 2019
Shares at cost	56	202,482,646	202,482,646	202,482,646
Other component of equity		286,822,939	513,697,939	286,822,939
Total equity contribution		489,305,585	716,180,585	489,305,585
Share of the accumulated profit	23.1.3	487,744,759	303,171,604	437,403,108
Carrying value of investment	23, 23.1.2	977,050,344	1,019,352,189	926,708,693

23 Investment in joint ventures (continued)**23.1.3 Reconciliation to carrying amounts (continued)**

Ma'aden's share of the accumulated profit in MBCC:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		437,403,108	248,911,260	248,911,260
Share in net profit	23.1.1	50,734,003	54,260,344	189,255,551
Current quarter / year		50,863,999	54,260,344	198,544,700
Prior year catch up adjustment*	23.1.1	(129,996)	-	(9,289,149)
Share in other comprehensive loss for the quarter / year	23.1.1	(392,352)	-	(763,703)
31 March / 31 December	23.1.3	487,744,759	303,171,604	437,403,108

*Ma'aden's share in net income is reduced by Zakat and severance fee which is applicable to Saudi shareholder only. Furthermore, share in net income is calculated based on available draft of MBCC financial statements at the time of issuance of the Group's consolidated financial statements. This sometimes may lead to variations which are adjusted in the next accounting period.

23.2 SAMAPCO**23.2.1 Summarised statement of profit or loss and other comprehensive (loss) / income**

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Sales and other operating revenues		121,600,000	171,400,000	615,400,000
Finance cost		(23,800,000)	(22,700,000)	(170,500,000)
Depreciation and amortization		(30,800,000)	(30,400,000)	(126,200,000)
Other expenses		(94,100,000)	(25,400,000)	(458,600,000)
(Loss) / profit before zakat, severance fees and income tax		(27,100,000)	92,900,000	(139,900,000)
Zakat and severance fees		-	-	(2,300,000)
(Loss) / profit for the quarter / year from continuing operations		(27,100,000)	92,900,000	(142,200,000)
Other comprehensive (loss) / income		-	-	-
Total comprehensive (loss) / income		(27,100,000)	92,900,000	(142,200,000)
Group's share of total comprehensive (loss) / income for the quarter / year *	23.2.3	(13,550,000)	40,372,180	(77,177,820)

*Ma'aden's share in net income is calculated based on the available draft of the SAMAPCO financial statements at the time of issuance of Ma'aden consolidated financial statements. This sometimes may lead to minor variation which is adjusted in the next accounting period.

23 Investment in joint ventures (continued)**23.2.2 Summarised statement of financial position**

	Note	31 March 2020	31 March 2019	31 December 2019
Assets				
Non-current assets		2,427,000,000	2,487,000,000	2,453,000,000
Current assets				
Other current assets		277,000,000	433,500,000	333,000,000
Cash and cash equivalents		125,000,000	49,500,000	67,000,000
Total assets		2,829,000,000	2,970,000,000	2,853,000,000
Liabilities				
Non-current liabilities				
Long-term borrowings		2,154,000,000	1,852,000,000	2,154,000,000
Other non-current liabilities		50,000,000	40,000,000	45,000,000
Current liabilities				
Current portion of long-term borrowings		53,000,000	112,000,000	55,000,000
Other current liabilities		191,000,000	290,000,000	158,000,000
Total liabilities		2,448,000,000	2,294,000,000	2,412,000,000
Net assets		381,000,000	676,000,000	441,000,000
Group's proportionate ownership %		50%	50%	50%
Group's proportionate ownership share in net assets*	23.2.3	176,458,000	386,306,419	190,008,000

*Group's proportionate ownership share in net assets includes the impact of additional equity contribution (Note 23.2.3).

23.2.3 Reconciliation to carrying amounts

The investment of 50% in the issued and paid up share capital in SAMAPCO (Note 2.11) is as follows:

	Notes	31 March 2020	31 March 2019	31 December 2019
Shares at cost	55	450,000,000	450,000,000	450,000,000
Other components of equity		-	78,748,419	-
Total equity contribution		450,000,000	528,748,419	450,000,000
Total share of the accumulated loss		(273,542,000)	(142,442,000)	(259,992,000)
Carrying value of investment	13,23, 23.2.2	176,458,000	386,306,419	190,008,000

Ma'aden's share of the accumulated loss in SAMAPCO:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		(259,992,000)	(182,814,180)	(182,814,180)
Share in net (loss) / profit	7.2, 23.2.1	(13,550,000)	40,372,180	(77,177,820)
Current quarter / year		(13,550,000)	46,450,000	(71,100,000)
Prior quarter / year catch up adjustment*		-	(6,077,820)	(6,077,820)
31 March / 31 December		(273,542,000)	(142,442,000)	(259,992,000)

*Ma'aden's share in net income is calculated based on the available draft of the SAMAPCO financial statements at the time of issuance of the Ma'aden consolidated financial statements. This sometimes may lead to variation which is adjusted in the next accounting period.

24 Deferred tax**24.1 Income tax**

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Deferred income tax		35,281,520	(10,707,612)	(155,101,603)
Deferred tax assets credited to the consolidated statement of profit or loss	24.2	74,860,244	40,281,643	34,522,391
Deferred tax liabilities debited to the consolidated statement of profit or loss	24.3	(39,578,724)	(50,989,255)	(189,623,994)
Current income tax	46.5	(1,087,450)	(1,191,890)	(13,026,770)
Total income tax		34,194,070	(11,899,502)	(168,128,373)

The deferred income tax has arisen because of the temporary differences between the carrying value of certain items and their tax base. Following are the details of the deferred tax assets, liabilities and profit or loss charges and credits.

24.2 Deferred tax assets

The balance comprises temporary differences attributable to:

	31 March 2020	31 March 2019	31 December 2019
Tax losses	680,933,517	533,142,202	613,850,548
Allowance for obsolete and slow moving spare parts and consumable materials	2,991,733	2,955,570	2,991,733
Property, plant and equipment, capital work-in-progress and intangible assets	1,654	84,281,464	73,316
Provision for decommissioning, site rehabilitation and dismantling obligations	6,381,819	1,146,853	6,329,006
Employees' end of service termination benefits obligation	12,428,601	11,690,548	11,717,182
Provision for research and development and others	6,057,988	4,902,814	2,137,340
Foreign currency translation movement	11,333,828	-	1,644,581
Total deferred tax assets	720,129,140	638,119,451	638,743,706

The movement in net deferred tax assets during quarter / year is as follows:

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		638,743,706	597,837,808	597,837,808
Addition through a business combination	5	-	-	6,383,507
Credited to the consolidated statement of profit or loss during the quarter / year	24.1	74,860,244	40,281,643	34,522,391
Foreign currency translation movement credited to the consolidated statement of other comprehensive income during the quarter / year		6,525,190	-	-
31 March / 31 December		720,129,140	638,119,451	638,743,706

24 Deferred tax (continued)**24.3 Deferred tax liabilities**

The balance comprises temporary differences attributable to:

	31 March 2020	31 March 2019	31 December 2019
Property, plant and equipment, capital work-in-progress and intangible assets	880,811,376	658,306,899	841,232,652

The movement in net deferred tax liabilities during the quarter / year is as follows:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		841,232,652	607,317,644	607,317,644
Addition through business combination	5	-	-	44,291,014
Debited to the consolidated statement of profit or loss during the quarter / year	24.1	39,578,724	50,989,255	189,623,994
31 March / 31 December		880,811,376	658,306,899	841,232,652

25 Other investments

	Notes	31 March 2020	31 March 2019	31 December 2019
1 January		43,185,000	47,850,000	47,850,000
Settlement during the quarter / year		-	-	(4,665,000)
31 March / 31 December	3,52	43,185,000	47,850,000	43,185,000
Less: Current portion of other investments		(4,795,000)	(4,665,000)	(4,745,000)
Non-current portion of other investments		38,390,000	43,185,000	38,440,000

This investment is a non-derivative financial asset with a fixed maturity that the Group has the intention and the ability to hold to maturity and which do not qualify as loans or receivables. This investment is classified as non-current assets based on its maturity, and initially recognised at fair value. At subsequent reporting dates, this financial asset is measured at amortised cost less any impairment losses.

26 Other non-current assets

	Notes	31 March 2020	31 March 2019	31 December 2019
Revolving loan transaction cost				
1 January		42,750,000	57,000,000	57,000,000
Amortization of revolving loan transaction cost during the quarter / year	15	(3,562,500)	(3,562,500)	(14,250,000)
31 March / 31 December		39,187,500	53,437,500	42,750,000
Less: Current portion of revolving loan transaction cost	28	(14,250,000)	(14,250,000)	(14,250,000)
Sub-total		24,937,500	39,187,500	28,500,000
Stockpile of mined ore		435,188,782	278,397,213	433,906,670
Less: Current portion of stockpile of mined ore	29	(363,264,368)	(198,982,563)	(348,175,037)
Sub-total		71,924,414	79,414,650	85,731,633
Employees' home ownership program receivables		930,876,130	996,685,196	996,685,196
Less: Repaid during the quarter / year		(14,682,697)	(9,293,838)	(65,809,066)
		916,193,433	987,391,358	930,876,130
Less: Current portion of employees' home ownership program receivables	30	(63,597,450)	(62,276,372)	(60,054,797)
Sub-total		852,595,983	925,114,986	870,821,333
Home ownership program – furniture loan		11,402,270	18,669,443	13,810,179
Others		42,427,151	-	-
Total		1,003,287,318	1,062,386,579	998,863,145

27 Due from joint venture partner

	Notes	31 March 2020	31 March 2019	31 December 2019
Due from Alcoa Corporation	48.2.52	-	37,490,445	-

This represents contribution receivable from Alcoa Corporation for its share of 25.1% in the automotive sheet project (Note 21 and 38), to extend the product mix of the aluminium complex at Ras Al-Khair, to also include automotive sheet.

28 Advances and prepayments

	Note	31 March 2020	31 March 2019	31 December 2019
Advances to contractors		86,061,180	123,863,147	114,346,340
Advances to employees		73,912,422	63,284,022	22,611,910
Prepaid rent		16,526,805	17,083,883	11,715,303
Prepaid insurance		105,214,427	77,601,164	62,679,259
Current portion of revolving loan transaction cost	26	14,250,000	14,250,000	14,250,000
Other prepayments		26,588,693	31,237,922	26,619,161
Total		322,553,527	327,320,138	252,221,973

29 Inventories

	Notes	31 March 2020	31 March 2019	31 December 2019
Saleable inventory				
Finished goods – ready for sale		1,591,221,261	1,414,146,857	1,774,742,246
Cost of finished goods		1,733,584,861	1,414,146,857	1,868,613,045
Less: Inventory written-off to net realizable value		(142,363,600)	-	(93,870,799)
Work-in-process		861,676,246	744,346,038	956,360,410
Cost of work-in-process		922,694,831	744,346,038	982,713,551
Less: Inventory written-off to net realizable value		(61,018,585)	-	(26,353,141)
Current portion of stockpile of mined ore	26	363,264,368	198,982,563	348,175,037
By-products		2,182,298	419,142	3,084,977
Sub-total	9	2,818,344,173	2,357,894,600	3,082,362,670
Consumable inventory				
Spare parts and consumables materials				
1 January		2,014,197,915	1,654,281,468	1,654,281,468
Net additions during the quarter / year		137,886,291	61,601,001	359,916,447
31 March / 31 December		2,152,084,206	1,715,882,469	2,014,197,915
Allowance for obsolete and slow-moving spare parts and consumable materials	29.1	(94,728,835)	(92,708,927)	(93,103,074)
		2,057,355,371	1,623,173,542	1,921,094,841
Raw materials		788,038,073	640,937,596	755,163,464
Sub-total		2,845,393,444	2,264,111,138	2,676,258,305
Total		5,663,737,617	4,622,005,738	5,758,620,975

29.1 Movement in the allowance for obsolete and slow moving spare parts and consumable materials is as follows:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2018
1 January		93,103,074	92,692,378	92,692,378
Provision for allowance for obsolescence, net	9	1,625,761	16,549	410,696
31 March / 31 December	6.2,29	94,728,835	92,708,927	93,103,074

30 Trade and other receivables

	Notes	31 March 2020	31 March 2019	31 December 2019
Trade receivables				
Other third party receivables		1,670,059,964	1,623,764,401	1,891,770,972
Due from SABIC	48.2	304,332,525	352,957,489	265,846,332
Due from The Mosaic Company	48.2	44,643,562	160,223,828	39,322,107
Due from Alcoa Inespal, S.A.	48.2	71,853,486	91,163,898	81,997,942
Due from Alcoa Warrick LLC	48.2	246,640,854	31,410,861	136,761,207
Sub-total	50.1.3, 50.2	2,337,530,391	2,259,520,477	2,415,698,560
Due from MBCC	48.2	128,167	1,380,726	77,456
Due from Saudi Ports Authority		3,199,853	2,288,572	2,253,611
Current portion of employees' home ownership program receivables	26	63,597,450	62,276,372	60,054,797
VAT receivable from regulatory authorities		15,407,397	30,048,504	53,533,374
Due from Aramco		300,426,575	-	326,523,838
Other		122,285,104	135,908,037	137,237,773
Total	52	2,842,574,937	2,491,422,688	2,995,379,409

The Group holds all its trade receivables, within a business model, with the objective of collecting the contractual cash flows. However, the contractual terms of certain trade receivables do not give rise, on a specific date, to cash flows that are solely payments of principal and interest on the principal outstanding.

31 Time deposits

	Notes	31 March 2020	31 March 2019	31 December 2019
Time deposits with original maturities of more than three months and less than a year at the date of acquisition	49.3,50	1,418,000,000	3,071,250,000	3,159,175,000
Less: ECL allowance	31.1	(2,201,194)	(2,201,194)	(2,201,194)
		1,415,798,806	3,069,048,806	3,156,973,806
Investment income receivable		17,978,607	36,703,660	29,815,042
Total	52	1,433,777,413	3,105,752,466	3,186,788,848

Time deposits yield financial income at prevailing market prices.

31.1 Movement in ECL allowance

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January	50.2	2,201,194	2,201,194	2,201,194
Increase in allowance for expected credit losses	11,50.2	-	-	-
31 March / 31 December	31	2,201,194	2,201,194	2,201,194

32 Cash and cash equivalents

	Notes	31 March 2020	31 March 2019	31 December 2019
Unrestricted				
Time deposits with original maturities equal to or less than three months at the date of acquisition		3,602,569,901	4,263,125,874	1,140,521,258
Cash and bank balances		930,144,913	1,012,514,489	2,367,529,030
Sub-total	50.3,51	4,532,714,814	5,275,640,363	3,508,050,288
Restricted				
Cash and bank balances	43.2	105,505,718	81,911,982	96,845,788
Total	52	4,638,220,532	5,357,552,345	3,604,896,076

Restricted cash and bank balances are related to employees' savings plan obligation.

33 Share capital

	Notes	31 March 2020	31 March 2019	31 December 2019
Authorized, issued and fully paid				
1,168,478,261 Ordinary shares with a nominal value of SAR 10 per share		12,305,911,460	11,684,782,610	11,684,782,610
62,112,885 Ordinary shares with a nominal value of SAR 10 per share, following the conversion of long-term borrowing into equity	39.2	-	-	621,128,850
1,230,591,146 Total	1,17	12,305,911,460	11,684,782,610	12,305,911,460

On 8 Rabi Awal 1441H (corresponding to 4 November 2019) in the Extraordinary General Assembly Meeting, the shareholders of the Company approved the Board of Directors' recommendation to increase the share capital of the Company by the way of converting its long-term borrowing due to Public Investment Fund ("PIF") into equity amounting to USD 796,370,000 (SAR 2,986,387,500). This has resulted in the issuance of 62,112,885 ordinary shares to PIF at an exercise price of 48.08 per share (SAR 10 nominal value plus premium of SAR 38.08 per share) thereby increasing the share capital by SR 621,128,850 and share premium by SAR 2,365,258,650 after obtaining all the regulatory approvals during the year.

The above share issuance price was determined based on the volume-weighted average market price of the Company's shares during the last six trading months before the date of the Extraordinary General Assembly Meeting, held on 4 November 2019. The reason for the capital increase is to improve the Company's liquidity and credit position and enhance its ability to achieve its growth objectives.

34 Share premium

	Note	31 March 2020	31 March 2019	31 December 2019
525,000,000 Ordinary shares with a nominal value of SAR 10 per share, issued at a premium of SAR 10 per share		5,250,000,000	5,250,000,000	5,250,000,000
243,478,261 Ordinary shares with a nominal value of SAR 10 per share, issued at a premium of SAR 13 per share, net of transaction cost		3,141,351,697	3,141,351,697	3,141,351,697
62,112,885 Ordinary shares with a nominal value of SAR 10 per share, issued at a premium of SAR 38.08 per share following the conversion of long-term borrowing into equity	39.2	2,365,258,650	-	2,365,258,650
Less: Transaction cost		(17,420,308)	-	(17,420,308)
Net increase in share premium		2,347,838,342	-	2,347,838,342
830,591,146 Total		10,739,190,039	8,391,351,697	10,739,190,039

35 Transfer of net income

	31 March 2020	31 March 2019	31 December 2019
1 January	1,054,251,439	1,054,251,439	1,054,251,439
Transfer of 10% of net income for the quarter / year	-	-	-
31 March / 31 December	1,054,251,439	1,054,251,439	1,054,251,439

In accordance with, the Company's Articles of Association, which is in compliance with the applicable Regulations for Companies in Saudi Arabia, the Company has established a statutory reserve by the appropriation of 10% of its annual net profit until such reserve equals 30% of the share capital.

36 Other reserves

	Note	31 March 2020	31 March 2019	31 December 2019
Attributable to shareholders of the parent company				
Loss on exchange differences on translation		72,443,138	-	24,546,071
Non-controlling interest put option	44.3	83,593,801	-	78,900,805
Share of other non-distributable reserves		8,189,290	-	8,189,290
Sub-total		164,226,229	-	111,636,166
Attributable to non-controlling interest				
Loss on exchange differences on translation		12,784,082	-	4,331,659
Share of other non-distributable reserves		1,445,169	-	1,445,169
Sub-total		14,229,251	-	5,776,828
Total		178,455,480	-	117,412,994

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37 Non-controlling interest

Set out below is summarised financial information for each subsidiary that has non-controlling interests that are material to the Group. The amounts disclosed for each subsidiary are before inter-company eliminations.

37.1 Summarized statement of financial position

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
31 March 2020								
Non-current assets		- 17,239,522,633	12,296,296,751	13,983,260,517	26,318,502,411	339,409,671	70,176,991,983	
Current assets		- 2,125,743,276	1,849,986,385	2,570,017,812	2,091,608,699	880,852,435	9,518,208,607	
Total assets		- 19,365,265,909	14,146,283,136	16,553,278,329	28,410,111,110	1,220,262,106	79,695,200,590	
Non-current liabilities		- 12,470,435,940	8,296,765,870	8,049,858,529	18,553,817,275	188,622,921	47,559,500,535	
Current liabilities		- 1,733,212,420	873,207,771	1,591,423,121	2,746,101,730	781,021,931	7,724,966,973	
Total liabilities		- 14,203,648,360	9,169,973,641	9,641,281,650	21,299,919,005	969,644,852	55,284,467,508	
Net assets of the subsidiary company		- 5,161,617,549	4,976,309,495	6,911,996,679	7,110,192,105	250,617,254	24,410,733,082	
Share of net assets		- 1,295,566,005	1,249,053,683	2,073,599,004	2,844,076,842	37,592,588	7,499,888,122	
Zakat and income tax impact		- (71,175,763)	(31,064,740)	-	3,571,461	-	(98,669,042)	
Net impact of non-controlling interest acquired through business combination		-	-	-	-	557,429	557,429	
Net assets attributable to non-controlling interest	37.3	- 1,224,390,242	1,217,988,943	2,073,599,004	2,847,648,303	38,150,017	7,401,776,509	
31 March 2019								
Non-current assets		5,068,640,431	18,059,901,221	12,529,285,218	14,763,571,401	27,025,960,498	- 77,447,358,769	
Current assets		1,879,038,058	3,143,854,876	1,910,285,085	2,555,116,165	3,907,648,053	- 13,395,942,237	
Total assets		6,947,678,489	21,203,756,097	14,439,570,303	17,318,687,566	30,933,608,551	- 90,843,301,006	
Non-current liabilities		3,859,694,740	12,757,724,083	8,408,019,727	8,767,690,499	19,624,369,645	- 53,417,498,694	
Current liabilities		2,670,000,660	1,949,409,593	782,897,373	1,434,039,423	2,602,188,944	- 9,438,535,993	
Total liabilities		6,529,695,400	14,707,133,676	9,190,917,100	10,201,729,922	22,226,558,589	- 62,856,034,687	
Net assets of the subsidiary company		417,983,089	6,496,622,421	5,248,653,203	7,116,957,644	8,707,049,962	- 27,987,266,319	
Share of net assets		104,913,755	1,630,652,228	1,317,411,954	2,135,087,293	3,482,819,985	- 8,670,885,215	
Zakat and income tax impact		119,594,401	(65,185,031)	(32,406,579)	-	(26,441,183)	- (4,438,392)	
Impact of payment to increase share capital		(7,119,230)	-	-	-	-	- (7,119,230)	
Net assets attributable to non-controlling interest	37.3	217,388,926	1,565,467,197	1,285,005,375	2,135,087,293	3,456,378,802	- 8,659,327,593	

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37 Non-controlling interest (continued)
37.1 Summarized statement of financial position (continued)

<i>Non-controlling % interest in</i>	Note	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
31 December 2019								
Non-current assets		5,569,322,655	17,363,802,883	12,385,401,745	14,200,734,176	26,493,219,387	327,115,820	76,339,596,666
Current assets		2,473,520,713	2,330,061,876	1,829,467,195	3,057,401,886	2,238,704,180	1,179,242,794	13,108,398,644
Total assets		8,042,843,368	19,693,864,759	14,214,868,940	17,258,136,062	28,731,923,567	1,506,358,614	89,447,995,310
Non-current liabilities		3,811,558,436	12,728,945,577	8,229,381,622	8,404,902,049	18,614,445,820	148,014,209	51,937,247,713
Current liabilities		1,717,109,630	1,684,733,605	855,398,243	1,749,700,550	2,497,633,304	998,954,863	9,503,530,195
Total liabilities		5,528,668,066	14,413,679,182	9,084,779,865	10,154,602,599	21,112,079,124	1,146,969,072	61,440,777,908
Net assets of the subsidiary company		2,514,175,302	5,280,185,577	5,130,089,075	7,103,533,463	7,619,844,443	359,389,542	28,007,217,402
Share of net assets		645,011,927	1,325,326,580	1,287,652,358	2,131,060,040	3,047,937,777	53,908,431	8,490,897,113
Zakat and income tax impact		949,837	(65,923,647)	(34,076,510)	-	(9,052,464)	-	(108,102,784)
Impact of payment to increase share capital		179,630,770	-	-	-	-	-	179,630,770
Impact of additional capital contribution resulting from transfer of automotive sheet project		5,812,956	-	-	-	-	-	5,812,956
Equity share transferred to Ma'aden		(831,405,490)	-	-	-	-	-	(831,405,490)
Net impact of non-controlling interest acquired through business combination		-	-	-	-	-	557,428	557,428
Net assets attributable to non-controlling interest	37.3	-	1,259,402,933	1,253,575,848	2,131,060,040	3,038,885,313	54,465,859	7,737,389,993

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37 Non-controlling interest (continued)
37.2 Summarized statement of profit or loss and other comprehensive income

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
For the quarter ended 31 March 2020								
Sales		-	1,686,903,103	436,479,446	802,250,533	800,752,350	311,043,431	4,037,428,863
Profit / (loss) before zakat and income tax for the quarter		-	5,252,473	(93,409,597)	(184,055,563)	(532,836,906)	(70,692,464)	(875,742,057)
Zakat and income tax for the quarter		-	(11,793,594)	(1,797,259)	(7,481,221)	23,184,569	18,269,671	20,382,166
Other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	42	-	(112,026,907)	(58,572,724)	-	-	-	(170,599,631)
Loss on exchange differences on translation		-	-	-	-	-	(56,349,490)	(56,349,490)
Total comprehensive loss for the quarter		-	(118,568,028)	(153,779,580)	(191,536,784)	(509,652,337)	(108,772,283)	(1,082,309,012)
Total comprehensive loss attributable to non-controlling interest:								
Share of profit / (loss) before zakat and income tax for the quarter		-	1,318,371	(23,445,809)	(55,216,669)	(213,134,763)	(10,603,870)	(301,082,740)
Share of zakat and income tax for the quarter		-	(8,212,308)	2,560,658	(2,244,367)	21,897,753	2,740,451	16,742,187
Share of loss for the quarter	37.3	-	(6,893,937)	(20,885,151)	(57,461,036)	(191,237,010)	(7,863,419)	(284,340,553)
Share of other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	37.3, 42	-	(28,118,754)	(14,701,754)	-	-	-	(42,820,508)
Loss on exchange differences on translation		-	-	-	-	-	(8,452,423)	(8,452,423)
Total		-	(35,012,691)	(35,586,905)	(57,461,036)	(191,237,010)	(16,315,842)	(335,613,484)

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37 Non-controlling interest (continued)
37.2 Summarized statement of profit or loss and other comprehensive income (continued)

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
For the quarter ended 31 March 2019								
Sales		1,131,453,538	1,711,858,528	635,735,426	1,082,351,559	964,006,249	-	5,525,405,300
(Loss) / profit before zakat and income tax for the quarter		(92,904,740)	(237,117,420)	87,503,577	31,519,605	(154,367,362)	-	(365,366,340)
Zakat and income tax for the quarter		-	(10,996,431)	(17,699,039)	(787,990)	(3,366,681)	-	(32,850,141)
Other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	42	-	(26,532,445)	-	-	-	-	(26,532,445)
Total comprehensive (loss) / income for the quarter		(92,904,740)	(274,646,296)	69,804,538	30,731,615	(157,734,043)	-	(424,748,926)
Total comprehensive (loss) / income attributable to non-controlling interest:								
Share of (loss) / profit before zakat and income tax for the quarter		(23,319,090)	(59,516,472)	21,963,398	9,455,880	(61,746,945)	-	(113,163,229)
Share of zakat and income tax for the quarter		-	1,614,555	(12,193,125)	(236,397)	(1,730,082)	-	(12,545,049)
Share of (loss) / profit for the quarter	37.3	(23,319,090)	(57,901,917)	9,770,273	9,219,483	(63,477,027)	-	(125,708,278)
Share of other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	37.3, 42	-	(6,659,644)	-	-	-	-	(6,659,644)
Total		(23,319,090)	(64,561,561)	9,770,273	9,219,483	(63,477,027)	-	(132,367,922)

37 Non-controlling interest (continued)

37.2 Summarized statement of profit or loss and other comprehensive income (continued)

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
For the year ended 31 December 2019								
Sales		3,285,736,858	6,832,524,307	2,344,817,259	4,131,422,634	3,454,284,836	643,549,845	20,692,335,739
(Loss) / profit before zakat and income tax for the year		(224,333,596)	(390,643,819)	23,095,619	24,287,821	(1,259,527,352)	65,158,512	(1,761,962,815)
Zakat and income tax for the year		(159,309,954)	(36,631,353)	(44,402,451)	(5,545,470)	14,546,754	(5,349,370)	(236,691,844)
Other comprehensive loss for the year:								
Cash flow hedge – effective portion of changes in fair value	42	-	(171,493,556)	(27,400,376)	-	-	-	(198,893,932)
Gain / (loss) attributable to the re-measurements of employees' end of service termination benefits obligation		-	556,810	(52,382)	(1,434,917)	41,036	-	(889,453)
Loss on exchange differences on translation		-	-	-	-	-	(28,877,730)	(28,877,730)
Total comprehensive (loss) / income for the year		(383,643,550)	(598,211,918)	(48,759,590)	17,307,434	(1,244,939,562)	30,931,412	(2,227,315,774)
Total comprehensive (loss) / income attributable to non-controlling interest:								
Share of (loss) / profit before zakat and income tax for the year		(42,353,806)	(98,051,599)	5,797,000	7,286,346	(503,810,941)	9,773,777	(621,359,223)
Share of zakat and income tax for the year		(158,631,363)	(8,475,353)	(20,565,612)	(1,663,641)	22,824,011	(802,405)	(167,314,363)
Share of (loss) / profit for the year	37.3	(200,985,169)	(106,526,952)	(14,768,612)	5,622,705	(480,986,930)	8,971,372	(788,673,586)
Share of other comprehensive loss for the year:								
Cash flow hedge – effective portion of changes in fair value	37.3, 42	-	(43,044,882)	(6,877,494)	-	-	-	(49,922,376)
Gain / (loss) attributable to the re-measurements of employees' end of service termination benefits obligation	37.3, 43.1.1	-	139,759	(13,148)	(430,475)	16,414	-	(287,450)
Loss on exchange differences on translation		-	-	-	-	-	(4,331,659)	(4,331,659)
Total		(200,985,169)	(149,432,075)	(21,659,254)	5,192,230	(480,970,516)	4,639,713	(843,215,071)

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37 Non-controlling interest (continued)
37.3 Movement of non-controlling interest

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
1 January 2019		240,708,016	1,630,028,758	1,275,235,102	2,125,867,810	3,519,855,829	-	8,791,695,515
Share of net (loss) / profit for the quarter	37.2	(23,319,090)	(57,901,917)	9,770,273	9,219,483	(63,477,027)	-	(125,708,278)
Share of other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	37.2, 42	-	(6,659,644)	-	-	-	-	(6,659,644)
31 March 2019	37.1	217,388,926	1,565,467,197	1,285,005,375	2,135,087,293	3,456,378,802	-	8,659,327,593
Increase in non-controlling interest resulting through business combination	5	-	-	-	-	-	51,271,315	51,271,315
Share of net (loss) / profit for the remainder of the year	37.2	(177,666,079)	(48,625,035)	(24,538,885)	(3,596,778)	(417,509,903)	8,971,372	(662,965,308)
Share of other comprehensive loss for the remainder of the year:								
Cash flow hedge – effective portion of changes in fair value	37.2, 42	-	(36,385,238)	(6,877,494)	-	-	-	(43,262,732)
Gain / (loss) attributable to the re-measurements of employees' end of service termination benefits obligation	37.2, 43.1.1	-	139,759	(13,148)	(430,475)	16,414	-	(287,450)
Loss on exchange differences on translation		-	-	-	-	-	(4,331,659)	(4,331,659)
Share of other non-distributable reserves		-	-	-	-	-	(1,445,169)	(1,445,169)
Additional capital contribution resulting from transfer of automotive sheet project during the remainder of the year	38	195,488,894	-	-	-	-	-	195,488,894
Payment to increase share capital during the remainder of the year		375,000,000	-	-	-	-	-	375,000,000
Trade payable / receivable written-off during the remainder of the year		221,193,750	(221,193,750)	-	-	-	-	-
Equity share transferred to Ma'aden during the remainder of the year *		(831,405,491)	-	-	-	-	-	(831,405,491)
31 December 2019	37.1	-	1,259,402,933	1,253,575,848	2,131,060,040	3,038,885,313	54,465,859	7,737,389,993

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37 Non-controlling interest (continued)
37.3 Movement of non-controlling interest (continued)

<i>Non-controlling % interest in</i>	Notes	MRC 25.1% (Note 2.6)	MAC 25.1% (Note 2.7)	MBAC 25.1% (Note 2.8)	MPC 30% (Note 2.9)	MWSPC 40% (Note 2.10)	Meridian 15% (Note 2.5)	Total
1 January 2020		-	1,259,402,933	1,253,575,848	2,131,060,040	3,038,885,313	54,465,859	7,737,389,993
Share of net loss for the quarter	37.2	-	(6,893,937)	(20,885,151)	(57,461,036)	(191,237,010)	(7,863,419)	(284,340,553)
Share of other comprehensive loss for the quarter:								
Cash flow hedge – effective portion of changes in fair value	37.2, 42	-	(28,118,754)	(14,701,754)	-	-	-	(42,820,508)
Loss on exchange differences on translation		-	-	-	-	-	(8,452,423)	(8,452,423)
31 March 2020	37.1	-	1,224,390,242	1,217,988,943	2,073,599,004	2,847,648,303	38,150,017	7,401,776,509

*On 26 June 2019, Ma'aden and Alcoa Saudi Rolling Inversiones S.L. ("ASRI") signed an agreement for the transfer of shares whereby ASRI transferred shares of the company representing 25.1% of the share capital in MRC to Ma'aden. Immediately prior to the agreement, the carrying amount of the existing 25.1% non-controlling interest in MRC was SAR 831,405,491. The Group recognised a decrease in non-controlling interests of SAR 831,405,491 and an increase in equity attributable to shareholders of the parent company with the same amount.

38 Due to joint venture partner

	Notes	31 March 2020	31 March 2019	31 December 2019
Due to Alcoa Corporation		-	405,970,844	405,387,644
Accumulated impairment		-	(209,898,750)	(209,898,750)
Transferred to MRC during the quarter / year*	37.3	-	-	(195,488,894)
Due to joint venture partner, net	48.2	-	196,072,094	-

Due to Alcoa Corporation, this represents their share of 25.1% in the joint venture project cost to extend the product mix of the aluminium complex at Ras Al-Khair, to also include automotive sheet.

*On 26 June 2019, an "Asset Transfer Agreement" was signed between Ma'aden, MRC and ASRI resolving to transfer the ownership of automotive sheet project to MRC at carrying amount of assets amounting to SAR 755,681,027 and in consideration, the payment to increase share capital in MRC of Ma'aden and ASRI was increased by SAR 560,192,133 and SAR 195,488,894, respectively.

39 Long-term borrowings

	Notes	31 March 2020	31 March 2019	31 December 2019
Total borrowings	7.2,39.8	49,245,056,294	54,228,413,248	49,593,492,603
Accrued finance cost		292,422,414	265,176,885	251,591,654
Sub-total	50.3,52	49,537,478,708	54,493,590,133	49,845,084,257
Less: Current portion of borrowings	39.8	(2,825,124,919)	(2,822,757,425)	(2,436,219,781)
Less: Accrued finance cost		(292,422,414)	(265,176,885)	(251,591,654)
Sub-total - current portion of borrowings shown under current liabilities		(3,117,547,333)	(3,087,934,310)	(2,687,811,435)
Non-current portion of long-term borrowings	39.8	46,419,931,375	51,405,655,823	47,157,272,822

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39.1 Facilities approved

- MAC, MRC, MBAC and MWSPC entered into Common Terms Agreements ("CTA") with the Public Investment Fund (PIF), Saudi Industrial Development Fund (SIDF) and consortiums of local financial institutions, whereas, MAC and MBAC restructured its borrowing facility with PIF and entered into a new Common Terms Agreements ("CTA") with the consortiums of local financial institutions,
- the Company (Ma'aden) entered into a Shariah compliant Syndicated Revolving Credit Facility Agreement,
- MGBM entered into two secured loan arrangements with Saudi Industrial Development Fund (SIDF),
- MIC and MPC entered into Murabaha Facility Agreement ("MFA") with Murabaha facility participants and
- MPC entered into a Sukuk Facility Agreement ("SFA") with Sukuk facility participants.

The facilities granted to the Group comprise of the following as at 31 March 2020:

	MAC agreement signed on 30 Nov. 2010 and restructured on 14 Dec. 2017	MRC agreement signed on 30 Nov. 2010 and restructured on 19 Dec. 2019	MBAC agreement signed on 27 Nov. 2011 and restructured on 16 Jul. 2018	MWSPC agreement signed on 30 Jun. 2014	Ma'aden agreement signed on 18 Dec. 2012 and renewed on 18 Dec. 2017	MGBM agreements signed on 24 Mar. 2015 and 26 Apr. 2015	MIC agreement signed on 30 Dec. 2015	MPC agreements signed on 25 Feb. 2016 and 20 Feb. 2018	Total
Public Investment Fund ("PIF")	4,275,375,000	-	3,506,250,000	7,500,000,000	-	-	-	-	15,281,625,000
<u>Islamic and commercial banks</u>									
Procurement*	-	-	-	4,299,854,655	-	-	-	-	4,299,854,655
Commercial*	1,503,750,000	-	-	5,450,145,345	-	-	-	-	6,953,895,345
Murabaha	-	1,312,500,000	4,025,000,000	-	-	-	-	-	5,337,500,000
Wakala	-	-	220,000,000	1,650,000,000	-	-	-	-	1,870,000,000
Sub-total	1,503,750,000	1,312,500,000	4,245,000,000	11,400,000,000	-	-	-	-	18,461,250,000
Saudi Industrial Development Fund ("SIDF")	-	600,000,000	-	4,000,000,000	-	1,379,000,000	-	-	5,979,000,000
Riyal Murabaha facility	5,178,750,000	-	-	-	-	-	1,000,000,000	11,493,750,000	17,672,500,000
Riyal Murabaha facility (a working capital facility)	-	-	750,000,000	-	-	-	-	-	750,000,000
Sub-total	10,957,875,000	1,912,500,000	8,501,250,000	22,900,000,000	-	1,379,000,000	1,000,000,000	11,493,750,000	58,144,375,000
Syndicated Revolving Credit Facility Agreement	-	-	-	-	7,500,000,000	-	-	-	7,500,000,000
HSBC Saudi Arabia – as agent for sukuk facility participants	-	-	-	-	-	-	-	3,500,000,000	3,500,000,000
Total facilities granted	10,957,875,000	1,912,500,000	8,501,250,000	22,900,000,000	7,500,000,000	1,379,000,000	1,000,000,000	14,993,750,000	69,144,375,000

39.1 Facilities approved (continued)

The CTAs impose the following conditions and financial covenants on each of the borrowing legal entities of the Group and if the conditions are met, the financial institutions will provide the long-term borrowing:

- the limitation on the creation of additional liens and/or financing obligations by MRC, MBAC and MWSPC, unless specifically allowed under the CTA,
- financial ratio maintenance,
- maximum capital expenditures allowed,
- restriction on dividend distribution to shareholders and
- restriction on the term of the short-term investment with maturities of not more than six (6) months from the date of acquisition, of any Saudi Arabian commercial bank or any other international commercial bank of recognized standing.

The MFAs imposed certain conditions and special covenants which include:

- safeguarding the entities' existence as a limited liability company validly existing under the laws of the Kingdom of Saudi Arabia,
- restriction to substantial change in the general nature of company's business, unless specifically allowed under the MFA,
- restriction to enter into a single transaction or a series of transactions and whether voluntary or involuntary to sell, lease, transfer or otherwise dispose of any asset, unless specifically allowed under the MFA,
- payment obligations under MFA at all times rank at least pari passu with the claims of all its other unsecured and unsubordinated creditors except those creditors whose claims are mandatorily preferred by laws of general application to companies,
- financial ratio maintenance and
- restriction on dividend distribution to shareholders.

The SFA imposed certain conditions and special covenants which include:

- safeguarding the corporate existence as a limited liability company validly existing under the laws of the Kingdom of Saudi Arabia,
- restriction to substantial change in the general nature of company's business, unless specifically allowed under the SFA,
- restriction to enter into a single transaction or a series of transactions and whether voluntary or involuntary to sell, lease, transfer or otherwise dispose of any asset, unless specifically allowed under the SFA,
- financial ratio maintenance and
- restriction on dividend distribution to shareholders

MAC facility

*Facility agents:

- The National Commercial Bank acts as Inter-creditor Agent and as Riyal Murabaha Facility Agent,
- The First Abu Dhabi Bank acts as Dollar Conventional Facility Agent.

MRC facility

*Facility agents:

- Riyadh Bank acts as Inter-creditor Agent,
- Bank Al Jazira acts as Riyal Procurement Facility Agent,
- Banque Saudi Fransi acts as Onshore Security Agent and
- Riyadh Bank, London Branch acts as Offshore Security Trustee and Agent

In pursuant to "Transfer and Termination Agreement" signed on 26 June 2019, Ma'aden replaced PIF as provider of loan to MRC. At the same time on 26 June 2019, another "Loan Agreement" was signed between Ma'aden and PIF where it was resolved that SAR 2,986,387,500 is deemed to have been advanced to Ma'aden by PIF and is payable on demand which was subsequently converted to equity after obtaining all the regulatory approvals during the year (Note 33). This also resulted in the recognition of a charge amounting to SAR 46,594,914 in the consolidated retained earnings attributable to the ordinary shareholders of the parent company (Note 39.2).

39.1 Facilities approved (continued)***MRC facility (continued)***

On 19 December 2019, the Company entered into a CTA agreement with commercial banks in respect of new Riyal Murabaha facility amounting SAR 1,312,500,000 to replace the balance of the existing Riyal procurement facility of SAR 1,009,770,000 and Riyal Murabaha facility of SAR 375,000,000.

MBAC facility

On 16 July 2018, the company had entered into a CTA with PIF, SIDF and a consortium of financial institutions. On 31 July 2018 the facility with PIF was restructured resulting in a revised repayment schedule and covenants. Effective the same date, the Company entered into a new CTA agreement with commercial banks in respect of new Riyal Murabaha and Riyal Wakala facilities to replace the balance of the facilities. Consequently, MBAC's financing facilities comprise of:

	<u>Facility approved</u>
PIF – Amendment to the existing agreement	3,506,250,000
<u>Islamic and commercial banks</u>	
Riyal Murabaha Tranche A	2,370,000,000
Riyal Murabaha Tranche B	1,655,000,000
Riyal Wakala	<u>220,000,000</u>
Sub-total	4,245,000,000
 Riyal Murabaha facility (a working capital facility)	 750,000,000
 Total facilities approved	 <u>8,501,250,000</u>

In addition to scheduled repayments, the restructured PIF facility and the Riyal Murabaha and Riyal Wakala facilities include provisions to make prepayments to the participants depending on the availability of excess cash for debt servicing. The prepayments continue until certain conditions have been met in respect of the outstanding balance under each of the facilities and are also limited in respect of time for the Riyal Murabaha and Riyal Wakala facilities.

Facility agents:

- The National Commercial Bank acts as Inter-creditor Agent and as Riyal Murabaha Facility Agent,
- The HSBC Saudi Arabia acts as Riyal Wakala Facility Agent.

The details of the CTA signed on 27 November 2011 which has been restructured / repaid in full during July 2018 were as follows:

PIF	3,750,000,000
<u>Islamic and commercial banks</u>	
Procurement	2,690,712,844
Commercial	258,750,000
Wakala	<u>768,750,000</u>
Sub-total	3,718,212,844
 SIDF	 900,000,000
 Riyal Murabaha facility (a working capital facility)	 340,000,000
 Total facilities approved	 <u>8,708,212,844</u>

MWSPC facility***Facility agents:**

- Islamic Development Bank and HSBC Saudi Arabia act as agents for procurement facility and
- Mizuho Corporate Bank Limited and Sumitomo Mitsui Banking Corporation act as agents for commercial facility.

39.1 Facilities approved (continued)

Saudi Arabian Mining Company ("Ma'aden") facility

Syndicated revolving credit facility

On 18 December 2017, the Company renewed its financing agreements revising the total revolving credit facility amount from SAR 9 billion to SAR 7.5 billion. Final maturity for repayment of the loan is five years from the date of signing of the agreement. This revolver facility is with a syndicate of local and international financial institutions, comprising the following financial institutions:

- Al-Rajhi Bank
- Arab National Bank
- Gulf International Bank B.S.C, Riyadh Branch
- Al-Awwal Bank
- Bank AlJazira
- Banque Saudi Fransi
- J.P.Morgan Chase Bank, N.A., Riyadh Branch
- Riyadh Bank
- Samba Financial Group
- The National Commercial Bank
- The Saudi British Bank
- The Saudi Investment Bank

The financial covenants and conditions include the following with respect to standalone parent company only:

- EBITDA to Interest ratio shall not be less than three times otherwise dividend block will be triggered; and
- the total net debt to tangible net worth (parent company only) shall be less than or equal to three times otherwise an event of default will be triggered which is subject to a cure period of six months, or nine months if the Company has acted expeditiously to cure such breach by initiating the process for a rights issue.

PIF facility

In pursuant to "Transfer and Termination Agreement" signed on 26 June 2019, Ma'aden replaced PIF as provider of loan to MRC. At the same time on 26 June 2019, another "Loan Agreement" was signed between Ma'aden and PIF where it was resolved that SAR 2,986,387,500 is deemed to have been advanced to Ma'aden by PIF and is payable on demand.

In addition to the above, on 26 June 2019 a "Debt Conversion Agreement" has been signed between Ma'aden and PIF whereby Ma'aden wishes to increase its capital through the issuance of new shares for the purpose of settling the above mentioned loan. Subsequently this loan was converted into equity after obtaining all the regulatory approvals during the year (Note 33).

39.1 Facilities approved (continued)***MGBM facility***

The company entered into two secured loan arrangements with Saudi Industrial Development Fund ("SIDF"). The facilities granted to the Company comprise of the following:

<u>Date approved</u>	<u>Purpose</u>	<u>Facility approved</u>
24 March 2015	To provide funding for the production of a semi alloy of gold at As Suq Mine	179,000,000
26 April 2015	To provide funding for the capital expenditure of the new gold mine at Ad-Duwayhi and water pipeline	1,200,000,000
Total facilities granted		<u>1,379,000,000</u>

The financing arrangements impose certain conditions and special covenants which include:

- the limitation of the creation of additional liens and/or financing obligations by the Company, unless specifically allowed under the loan agreement,
- financial ratio maintenance,
- maximum capital expenditures allowed,
- restriction on dividend distribution to shareholders and
- restriction on the term of the short-term investment with maturities of not more than six (6) months from the date of acquisition, of any Saudi Arabian commercial bank or any other international commercial bank of recognized standing.

MIC facility

On 30 December 2015 the company entered into a Murabaha Facility Agreement ("MFA") with HSBC Saudi Arabia Limited, comprising of:

Murabaha facility	<u>Facility approved</u>
HSBC Saudi Arabia Limited – as agent for the Murabaha facility participants	<u>1,000,000,000</u>

The facility was drawn down on 17 February 2016.

MPC facility

On 15 June 2008, the company had entered into a CTA with a consortium of financial institutions, however, the facility had been repaid in full from a drawing on 30 March 2016 under a new MFA signed by the company on 25 February 2016 with Murabaha facility participants comprising of:

Murabaha facility	<u>Facility approved</u>
Riyad Bank – as agent for the Murabaha facility participants	<u>11,493,750,000</u>

The MFA signed by the company on 25 February 2016, have been partially repaid from a drawing under a new SFA signed by the company on 20 February 2018 with sukuk facility participants comprising of:

Sukuk facility	<u>Facility approved</u>
HSBC Saudi Arabia – as agent for the sukuk facility	<u>3,500,000,000</u>

39.2 Facilities utilized under the different CTAs**MAC facility – restructured on 14 December 2017**

	31 March 2020	31 March 2019	31 December 2019
Public Investment Fund (Note 48.2)	4,275,375,000	4,275,375,000	4,275,375,000
Less: Transaction cost balance at the quarter / year end	(37,804,405)	(41,906,594)	(38,830,699)
Sub-total	4,237,570,595	4,233,468,406	4,236,544,301

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period is LIBOR plus 1.5%.

After the restructuring on 14 December 2017, the repayment of the loan will start on 31 March 2023, on a six monthly basis, starting at SAR 99.9 million and increasing over the term of the loan with the final repayment of SAR 1,218 million on 30 September 2031 (Note 39.9).

In addition, the company is required to make certain prepayments as described in Note 39.1.

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 1,026,294 (31 March 2019: SAR 1,025,306 and 31 December 2019: SAR 4,101,201) (Note 39.11).

Islamic and commercial banks

Riyal Murabaha	5,178,750,000	5,178,750,000	5,178,750,000
Commercial – USD conventional	1,503,750,000	1,503,750,000	1,503,750,000
Less: Transaction cost balance at the quarter / year end	(51,126,606)	(61,082,531)	(53,618,436)
Sub-total	6,631,373,394	6,621,417,469	6,628,881,564

The rate of commission on the principal amount of the loan drawn on Islamic Murabaha Riyal is Saudi Interbank Offered Rate ("SIBOR") plus a margin of 1.65% whereas, the rate of commission on the principal amount of the loan drawn on Dollar Conventional facility is LIBOR plus a margin of 1.55%.

The repayment of the loan drawn on Islamic Murabaha Riyal will start from 31 March 2021, on a six monthly basis starting at SAR 259 million and increasing over the term of the loan with the final repayment of SAR 1,812 million on 30 September 2027 (Note 39.9).

The repayment of the loan drawn on Dollar Conventional facility will start from 31 March 2021, on a six monthly basis starting at SAR 129 million and increasing over the term of the loan with the final repayment of SAR 601 million on 30 September 2024 (Note 39.9).

In addition, the company is required to make certain prepayments as described in Note 39.1.

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 2,491,830 (31 March 2019: SAR 2,488,024 and 31 December 2019: SAR 9,952,119) (Note 39.11).

Total MAC borrowings (Note 39.8)	10,868,943,989	10,854,885,875	10,865,425,865
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39.2 Facilities utilized under the different CTA's (continued)**MRC facility**

	31 March 2020	31 March 2019	31 December 2019
Public Investment Fund (Note 48.2)	-	2,986,387,500	2,986,387,500
Less: Transferred to Ma'aden during the quarter / year	-	-	(2,986,387,500)
Sub-total	-	2,986,387,500	-
Less: Transaction cost balance at the quarter / year end	-	(49,401,171)	-
Sub-total	-	2,936,986,329	-

The rate of commission on the principal amount of the loan drawn for each commission period is London Interbank Offered Rate ("LIBOR") plus 1.5%.

The repayment of the loan started on 31 December 2016, on a six monthly basis, starting at SAR 30.8 million and increasing over the term of the loan with the final repayment of SAR 153.9 million on 30 June 2026 (Note 39.9).

During June 2018, the repayments due on 30 June 2018 and 31 December 2018 were deferred to be paid on 30 June 2019.

The upfront transaction cost incurred, is amortized over the term of the loan amounted to Nil (31 March 2019: SAR 2,718,309 and 31 December 2019: SAR 5,436,618) (Note 39.11). The remaining balance of SAR 46,682,862 as at 30 June 2019 has been charged to the consolidated retained earnings attributable to the ordinary shareholders of the parent company during the period (Note 37.3).

Islamic and commercial banks

Riyal procurement	-	1,009,770,000	1,009,770,000
Less: Repaid during the quarter / year	-	-	(1,009,770,000)
Sub-total	-	1,009,770,000	-
Less: Transaction cost balance at the quarter / year end	-	(12,319,543)	-
Sub-total	-	997,450,457	-

The rate of commission on the principal amount of the loan drawn for each commission period on all the Saudi Riyal facilities is Saudi Interbank Offered Rate ("SIBOR") plus a margin that varies over the term of the loan.

The margin / mark-up on the principal amount of the loan drawn for each commission period is in the range of 1.65% to 2.45% per annum.

The repayment of the loan started on 31 December 2016, starting at SAR 10.4 million and increasing over the term of the loan with the final repayment of SAR 13.5 million on 30 June 2026 (Note 39.9).

During June 2018, the repayments due on 30 June 2018 and 31 December 2018 were deferred to be paid on 30 June 2019.

The upfront transaction cost incurred, is amortized over the term of the loan amounted to Nil (31 March 2019: SAR 737,851 and 31 December 2019: SAR 13,057,394) (Note 39.11).

Sub-total carried forward	-	3,934,436,786	-
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39.2 Facilities utilized under the different CTA's (continued)**MRC facility (continued)**

	31 March 2020	31 March 2019	31 December 2019
Balance brought forward	-	3,934,436,786	-
Saudi Industrial Development Fund	275,000,000	425,000,000	425,000,000
Less: Repaid during the quarter / year	-	-	(150,000,000)
Sub-total	275,000,000	425,000,000	275,000,000
Less: Transaction cost balance at the quarter / year end	(7,105,344)	(11,750,286)	(8,122,382)
Sub-total	267,894,656	413,249,714	266,877,618

Repayment of the SIDF facility started from 25 January 2016, starting at SAR 25 million and increasing over the term of the loan with the final repayment of SAR 62.5 million on 19 July 2021 (Note 39.9).

During June 2018, the repayments due on 30 June 2018 and 31 December 2018 were deferred to be paid on 30 June 2019.

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 1,017,038 (31 March 2019: SAR 1,376,460 and 31 December 2019: SAR 5,004,364) (Note 39.11).

Riyal Murabaha facility (a working capital facility)	-	375,000,000	375,000,000
Less: Repaid during the quarter / year	-	-	(375,000,000)
Sub-total	-	375,000,000	-

During the quarter ended 30 September 2018, the rate of profit on the purchase price i.e. principal amount of the loan drawn for each commission period is revised to SIBOR plus 1.20%.

During the quarter ended 30 June 2019, the rate of profit on the purchase price i.e. principal amount of the loan drawn for each commission period is revised to SIBOR plus 1.20% and the revised repayment of the Murabaha facility is due on 31 December 2019 (Note 39.9).

Islamic and commercial banks – **restructured on**
19 December 2019

Riyal procurement	1,312,500,000	-	1,312,500,000
Less: Transaction cost balance at the quarter / year end	(10,917,419)	-	(11,156,250)
Sub-total	1,301,582,581	-	1,301,343,750

The rate of commission on the principal amount of the loan drawn for each commission period on all the Saudi Riyal facilities is Saudi Interbank Offered Rate ("SIBOR") plus a margin of 0.95%.

The repayment of the loan will start from June 2021, starting at SAR 39 million and increasing over the term of the loan with the final repayment of SAR 263 million on June 2032 (Note 39.9).

The transaction cost incurred on obtaining the loan amounted to SAR 11,156,250 has been netted-off with the loan balance and is amortized over the term of the loan amounted to SAR 238,831 (31 March 2019: Nil and 31 December 2019: Nil) (Note 39.11).

Total MRC borrowings (Note 39.8)	1,569,477,237	4,722,686,500	1,568,221,368
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39.2 Facilities utilized under the different CTA's (continued)**MBAC facility – restructured on 16 July 2018**

	31 March 2020	31 March 2019	31 December 2019
Public Investment Fund (Note 48.2)	3,431,917,500	3,506,250,000	3,506,250,000
Less: Repaid during the quarter / year	-	-	(74,332,500)
Sub-total	3,431,917,500	3,506,250,000	3,431,917,500
Less: Transaction cost balance at the quarter / year end	(105,288,167)	(114,604,541)	(107,636,682)
Sub-total	3,326,629,333	3,391,645,459	3,324,280,818

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period is LIBOR plus 1.5%.

After the restructuring on 16 July 2018, the repayment of the loan started on 30 June 2019, on a six monthly basis, starting at SAR 74.3 million and increasing over the term of the loan with the final repayment of SAR 392.7 million on 31 July 2031 (Note 39.9).

The upfront transaction cost incurred on the restructuring amounting to SAR 42,562,500 has been added to the unamortized upfront transaction cost balance before restructuring amounting to SAR 69,746,252. Further, non-cash transaction cost amounting to SAR 9,163,384 was also added as the difference between the carrying value of the borrowing before restructuring and present value of the cash flows after restructuring, discounted using the effective interest rate of the borrowings before restructuring. The total amount is netted-off against the loan balance as on 16 July 2018 and is amortized over the term of the loan amounted to SAR 2,348,515 (31 March 2019: SAR 2,322,621 and 31 December 2019: SAR 9,290,480) (Note 39.11).

Islamic and commercial banks

Riyal Murabaha	3,957,063,500	4,025,000,000	4,025,000,000
Riyal Wakala	216,766,000	220,000,000	220,000,000
	4,173,829,500	4,245,000,000	4,245,000,000
Less: Repaid during the quarter / year	-	-	(71,170,500)
Sub-total	4,173,829,500	4,245,000,000	4,173,829,500
Less: Transaction cost balance at the quarter / year end	(31,700,960)	(36,578,576)	(32,905,612)
Sub-total	4,142,128,540	4,208,421,424	4,140,923,888

The rate of commission on the principal amount (lease base amount in case of Wakala facilities) of the loan drawn for each commission period on all the Saudi Riyal facilities is SIBOR plus a margin (mark-up in case of Wakala facilities) of 1.55% for Riyal Murabaha Tranche B and Riyal Wakala and 1.45% for Riyal Murabaha Tranche A.

The upfront transaction cost incurred is amortized over the term of the loan amounted to SAR 1,204,652 (31 March 2019: SAR 1,224,321 and 31 December 2019: SAR 4,897,285) (Note 39.11).

Sub-total carried forward	7,468,757,873	7,600,066,883	7,465,204,706
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39.2 Facilities utilized under the different CTA's (continued)**MBAC facility (continued)**

	31 March 2020	31 March 2019	31 December 2019
Balance brought forward	7,468,757,873	7,600,066,883	7,465,204,706
Riyal Murabaha facility (a working capital facility)	346,693,750	686,693,750	686,693,750
Less: Repaid during the quarter / year	-	(340,000,000)	(340,000,000)
Sub-total	346,693,750	346,693,750	346,693,750
Less: Transaction cost balance at the quarter / year end	(2,380,506)	(2,828,930)	(2,492,721)
Sub-total	344,313,244	343,864,820	344,201,029

Riyal Murabaha facility as at 31 December 2018 was repaid in full and a new Murabaha facility was drawn down during the quarter ended 31 March 2019.

The rate of profit on the purchase price i.e. principal amount of the loan drawn for each commission period was Saudi Interbank Offered Rate ("SIBOR") plus 0.95% on the repaid facility and is SIBOR plus 0.8% on the new drawn down facility.

The repayment of Murabaha facility will be due in January 2024 (Note 39.9).

The upfront transaction cost incurred amounting to SAR 2,941,000 is amortized over the term of the loan amounted to SAR 112,215 (31 March 2019: SAR 112,070 and 31 December 2019: SAR 448,279) (Note 39.11).

Total MBAC borrowings (Note 39.8)	7,813,071,117	7,943,931,703	7,809,405,735
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MWSPC facility

	31 March 2020	31 March 2019	31 December 2019
Public Investment Fund (Note 48.2)	6,599,903,363	6,839,278,174	6,839,278,174
Less: Repaid during the quarter / year	-	-	(239,374,811)
Sub-total	6,599,903,363	6,839,278,174	6,599,903,363
Less: Transaction cost balance at the quarter / year end	(47,485,758)	(54,148,780)	(49,137,337)
Sub-total	6,552,417,605	6,785,129,394	6,550,766,026

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period, is LIBOR plus 1.5% per annum.

The repayment of the principal amount of loan will be in 24 installments on a six monthly basis starting from 30 June 2019. The repayments are starting at SAR 112.5 million and increasing over the term of the loan with the final repayment of SAR 606 million on 31 December 2030 (Note 39.9).

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 1,651,579 (31 March 2019: SAR 1,655,108 and 31 December 2019: SAR 6,666,551) (Note 39.11).

Sub-total carried forward	6,552,417,605	6,785,129,394	6,550,766,026
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39.2 Facilities utilized under the different CTA's (continued)**MWSPC facility (continued)**

	31 March 2020	31 March 2019	31 December 2019
Balance brought forward	6,552,417,605	6,785,129,394	6,550,766,026
Islamic and commercial banks			
Dollar procurement	293,738,779	304,392,518	304,392,518
Saudi Riyal procurement	2,177,078,304	2,620,254,420	2,620,254,420
Commercial	5,001,234,430	5,182,626,350	5,182,626,350
Wakala	1,236,444,786	1,488,141,198	1,488,141,198
Sub-total	8,708,496,299	9,595,414,486	9,595,414,486
Less: Repaid during the quarter / year	-	-	(886,918,187)
Sub-total	8,708,496,299	9,595,414,486	8,708,496,299
Less: Transaction cost balance at the quarter / year end	(13,904,416)	(16,078,511)	(14,230,753)
Sub-total	8,694,591,883	9,579,335,975	8,694,265,546

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period is LIBOR plus 1.25% to 2.10% per annum.

The repayment of the principal amounts of loans started from 30 June 2019. The repayments are starting at SAR 171 million and increasing over the term of the loan with the final repayment of SAR 809 million on 31 December 2030 (Note 39.9).

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 326,337 (31 March 2019: SAR 642,550 and 31 December 2019: SAR 2,490,308) (Note 39.11).

Saudi Industrial Development Fund	3,795,000,000	3,845,000,000	3,940,000,000
Less: Repaid during the quarter / year	-	-	(145,000,000)
Sub-total	3,795,000,000	3,845,000,000	3,795,000,000
Less: Transaction cost balance at the quarter / year end	(267,760,439)	(292,231,233)	(276,443,286)
Sub-total	3,527,239,561	3,552,768,767	3,518,556,714

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period, is in the range of 1.7% per annum.

The repayment of the principal amounts of loans started from 22 December 2018. The repayments are starting at SAR 60 million and increasing over the term of the loan (Note 39.9).

The upfront transaction cost incurred is amortized over the term of the loan amounted to SAR 8,682,847 (31 March 2019: SAR 5,270,575 and 31 December 2019: SAR 21,058,522) (Note 39.11).

Total MWSPC borrowings (Note 39.8)	18,774,249,049	19,917,234,136	18,763,588,286
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39.2 Facilities utilized under the different CTA's (continued)**Ma'aden facility (Loan agreement with PIF)**

	31 March 2020	31 March 2019	31 December 2019
Public Investment Fund	-	-	2,986,387,500
Less: Conversion of loan to share capital i.e. 62,112,885 ordinary shares with a nominal value of SAR 10 per share (Note 33)	-	-	(621,128,850)
Less: Conversion of loan to share premium i.e. 62,112,885 ordinary shares with a nominal value of SAR 10 per share, issued at a premium of SAR 38.08 per share (Note 34)	-	-	(2,365,258,650)
Total	-	-	-

39.3 Syndicated revolving credit facility**Ma'aden facility**

	31 March 2020	31 March 2019	31 December 2019
Syndicated revolving credit facility (Note 39.9 and 50.3)	-	-	-

The rate of commission on the principal amount of the borrowing drawdown is SIBOR plus 0.85% per annum.

39.4 Facility utilized under the different CTA's**MGBM facility**

	31 March 2020	31 March 2019	31 December 2019
As Suq mine			
Saudi Industrial Development Fund	96,000,000	121,000,000	121,000,000
Less: Repaid during the quarter / year	-	-	(25,000,000)
Sub-total	96,000,000	121,000,000	96,000,000
Less: Transaction cost balance at the quarter / year end	(2,329,422)	(4,074,211)	(2,718,798)
Sub-total	93,670,578	116,925,789	93,281,202

The repayment of this loan started on 20 July 2016, on a six monthly basis, starting at SAR 8 million and increasing over the term of the loan with the final repayment of SAR 18 million on 9 November 2022 (Note 39.9).

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 389,376 (31 March 2019: SAR 480,944 and 31 December 2019: SAR 1,836,357) (Note 39.11).

Ad-Duwayhi mine and water pipeline

Saudi Industrial Development Fund	760,000,000	920,000,000	920,000,000
Less: Repaid during the quarter / year	-	-	(160,000,000)
Sub-total	760,000,000	920,000,000	760,000,000
Less: Transaction cost balance at the quarter / year end	(20,730,790)	(32,241,000)	(23,350,755)
Sub-total	739,269,210	887,759,000	736,649,245

The repayment of this loan started on 9 July 2017, on a six monthly basis, starting at SAR 60 million and increasing over the term of the loan with the final repayment of SAR 100 million on 30 October 2023 (Note 39.9).

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 2,619,965 (31 March 2019: SAR 3,112,979 and 31 December 2019: SAR 12,003,224) (Note 39.11).

Total MGBM borrowings (Note 39.8)	832,939,788	829,930,447	829,930,447
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39.5 Facilities utilized under the different MFAs**MIC facility**

	31 March 2020	31 March 2019	31 December 2019
HSBC Saudi Arabia Limited – as agent for the Murabaha facility participants	727,000,000	805,000,000	805,000,000
Less: Repaid during the quarter / year	-	-	(78,000,000)
Sub-total	727,000,000	805,000,000	727,000,000
Less: Transaction cost balance at the quarter / year end	(5,750,000)	(6,750,000)	(6,000,000)
	721,250,000	798,250,000	721,000,000

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period, is in the range of SIBOR plus 1 % per annum.

The repayment of the principal amount of the loan started from 30 December 2016, in equal principal repayments of SAR 39 million, on a semi-annual over a 10 year period with the final principal repayment of SAR 298 million on 30 December 2025 (Note 39.9).

The upfront transaction cost incurred, is amortized over the term of the loan amounted to SAR 250,000 (31 March 2019: SAR 250,000 and 31 December 2019: SAR 1,000,000) (Note 39.11).

Total MIC borrowings (Note 39.8)	721,250,000	798,250,000	721,000,000
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MPC facility

	31 March 2020	31 March 2019	31 December 2019
Riyad Bank – as agent for the Murabaha facility participants	5,163,272,057	5,900,882,353	5,900,882,353
Less: Repaid during the quarter / year	(368,805,147)	(368,805,148)	(737,610,296)
Sub-total	4,794,466,910	5,532,077,205	5,163,272,057
Less: Transaction cost balance at the quarter / year end	(28,226,699)	(41,271,786)	(31,347,790)
	4,766,240,211	5,490,805,419	5,131,924,267

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period, is in the range of SIBOR plus 1% per annum for SAR Murabaha facility and LIBOR plus 1.1% per annum for US Dollar Murabaha facility.

The repayment of this loan started from 25 February 2017, starting at SAR 575 million and increasing over the term of the loan with the final repayment of SAR 3,448 million on 25 February 2023 (Note 39.9).

The upfront transaction cost balance is amortized over the term of the loan amounted to SAR 3,121,091 (31 March 2019: SAR 3,407,486 and 31 December 2019: SAR 13,331,482) (Note 39.11).

Total MPC borrowings (Note 39.8)	4,766,240,211	5,490,805,419	5,131,924,267
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39.6 Facility utilized under SFA**MPC facility**

	31 March 2020	31 March 2019	31 December 2019
HSBC Saudi Arabia – as agent for the sukuk facility	3,500,000,000	3,500,000,000	3,500,000,000
Less: Transaction cost balance at the quarter / year end	(3,428,781)	(4,065,174)	(3,592,958)
	3,496,571,219	3,495,934,826	3,496,407,042

The rate of commission on the principal amount of the loan drawdown and outstanding for each commission period, is in the range of SIBOR plus 1.35% per annum

The one-time repayment of this loan will be on 20 February 2025 (Note 39.9).

The upfront transaction cost balance is amortized over the term of the loan amounted to SAR 164,177 (31 March 2019: SAR 152,714 and 31 December 2019: SAR 624,930) (Note 39.11).

Total MPC borrowings (Note 39.8)	3,496,571,219	3,495,934,826	3,496,407,042
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39.7 Meridian

	31 March 2020	31 March 2019	31 December 2019
Commercial banks	134,702,000	-	100,654,421
Bank overdraft and other facilities	267,611,235	-	306,935,172
Total borrowings (Note 39.8)	402,313,684	-	407,589,593

39.8 Total borrowings

	Notes	31 March 2020	31 March 2019	31 December 2019
Facilities utilized under:				
CTAs:				
MAC – restructured on 14 December 2017	39.2	10,957,875,000	10,957,875,000	10,957,875,000
MRC – restructured on 19 December 2019	39.2	1,587,500,000	4,796,157,500	1,587,500,000
MBAC – restructured on 16 July 2018	39.2	7,952,440,750	8,097,943,750	7,952,440,750
MWSPC	39.2	19,103,399,662	20,279,692,660	19,103,399,662
Syndicated Revolving Credit Facility:				
Ma'aden	39.3	-	-	-
MGBM facility	39.4	856,000,000	1,041,000,000	856,000,000
MFAs:				
MIC	39.5	727,000,000	805,000,000	727,000,000
MPC	39.5	4,794,466,910	5,532,077,205	5,163,272,057
SFA:				
MPC	39.6	3,500,000,000	3,500,000,000	3,500,000,000
Meridian	39.7	402,313,684	-	407,589,593
	50.1.2,			
	51			
Sub-total		49,880,996,006	55,009,746,115	50,255,077,062
Less: Transaction cost balance at the quarter / year end		(635,939,712)	(781,332,867)	(661,584,459)
Sub-total	39	49,245,056,294	54,228,413,248	49,593,492,603
Less: Current portion of borrowings shown under current liabilities				
MAC		387,808,875	-	-
MRC		50,000,000	960,572,745	50,000,000
MBAC		275,639,625	145,503,000	275,639,625
MWSPC		784,010,773	716,071,386	784,010,773
MGBM		193,142,964	185,000,000	198,000,000
MIC		78,000,000	78,000,000	78,000,000
MPC		737,610,294	737,610,294	737,610,294
Meridian		318,912,388	-	312,959,089
Sub-total	39,51	2,825,124,919	2,822,757,425	2,436,219,781
Long-term portion of borrowings	39,51	46,419,931,375	51,405,655,823	47,157,272,822

39.9 Maturity profile of long-term borrowings

	Note	31 March 2020	31 March 2019	31 December 2019
2019		-	2,800,646,027	-
2020		2,073,367,933	2,438,872,312	2,436,219,781
2021		3,802,871,679	4,098,343,546	3,814,100,886
2022		4,546,568,895	4,862,984,944	4,546,568,895
2023		5,483,265,997	5,938,367,969	5,483,265,997
2024		4,043,276,958	4,155,259,835	4,043,276,958
2025		3,315,663,544	4,155,259,835	2,490,663,543
2026 through 2030		26,615,981,000	26,560,011,647	27,440,981,001
Total	50.3	49,880,996,006	55,009,746,115	50,255,077,061

39.10 Facilities' currency denomination

Essentially half of the Group's facilities have been contracted in United States Dollar (US\$) and Saudi Riyals (SAR) respectively and the drawdown balances of these facilities, represented in US\$, are shown below:

	31 March 2020 (US\$)	31 March 2019 (US\$)	31 December 2019 (US\$)
Public Investment Fund (US\$)	3,851,728,380	4,695,277,513	3,851,728,380
Islamic and commercial banks			
Procurement (US\$)	79,953,768	81,171,338	79,953,768
Procurement (SAR)	592,586,426	968,006,512	592,586,426
Commercial (US\$)	1,787,647,496	1,783,033,693	1,789,054,405
Wakala (SAR)	394,356,423	455,504,320	394,356,423
Murabaha (SAR)	2,436,216,933	2,454,333,333	2,436,216,933
Sub-total	5,290,761,046	5,742,049,196	5,292,167,955
Saudi Industrial Development Fund (SAR)	1,310,933,333	1,416,266,666	1,310,933,333
Murabaha facility (SAR)	1,269,891,177	1,052,387,255	1,325,739,216
Murabaha facility (USD)	552,500,000	637,500,000	595,000,000
Sukuk facility (SAR)	933,333,333	933,333,333	933,333,333
Riyal Murabaha facility (a working capital facility) (SAR)	92,451,667	192,451,667	92,451,667
Total	13,301,598,936	14,669,265,630	13,401,353,884

39.11 Amortization of transaction cost

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
CTAs:				
MAC – restructured on 14 December 2017	39.2	3,518,124	3,513,330	14,053,320
MRC – restructured on 19 December 2019	39.2	1,255,869	4,832,620	23,498,376
MBAC – restructured on 16 July 2018	39.2	3,665,382	3,659,012	14,636,044
MWSPC	39.2	10,660,763	7,568,233	30,215,381
MGBM facility	39.4	3,009,341	3,593,923	13,839,581
MFAs:				
MIC	39.5	250,000	250,000	1,000,000
MPC	39.5	3,121,091	3,407,486	13,331,482
SFA:				
MPC	39.6	164,177	152,714	624,930
Sub-total		25,644,747	26,977,318	111,199,114
Less: Capitalised as part of capital work-in-progress				
MGBM	15.1,21	665,786	-	2,094,184
Total charged to finance cost	15	24,978,961	26,977,318	109,104,930

39.12 Security

The following assets were pledged as security for these long-term borrowings in accordance with the applicable CTAs:

	Notes	31 March 2020	31 March 2019	31 December 2019
Mine properties	18.2	4,969,133,822	4,982,664,730	4,951,673,769
Property, plant and equipment	19.2	21,781,612,764	27,358,618,304	27,277,743,656
Capital work-in-progress	21.1	684,998,923	745,802,558	887,773,606
Intangible assets	22	-	13,265,739	11,428,944
Total		27,435,745,509	33,100,351,331	33,128,619,975

40 Provision for decommissioning, site rehabilitation and dismantling obligations

	Notes	31 March 2020	31 March 2019	31 December 2019
Gold mines	40.1	121,611,392	109,086,571	120,554,820
Bauxite mine	40.2	123,238,111	92,311,131	122,222,998
Phosphate mines	40.3	205,364,027	166,702,946	203,662,693
Low grade bauxite, kaolin and magnesite mines	40.4	4,700,929	4,522,460	4,655,004
Total		454,914,459	372,623,108	451,095,515

Decommissioning provisions are made for the mine closure, reclamation and dismantling obligation of the mine and the related plants and infrastructure. These obligations are expected to be incurred in the year in which the mine is expected to be closed. Management estimates the provision based on management's understanding of the current legal requirements in the Kingdom of Saudi Arabia, terms of the license agreements and engineering estimates.

The provision for mine decommissioning obligation represents the present value of full amount of the estimated future closure and reclamation costs for the various operational mining properties, based on information currently available including closure plans and applicable regulations. Future changes, if any, in regulations and cost assumptions may be significant and will be recognised when determined.

The movement in the provision for mine decommissioning obligation for each of the mines along with the year in which they commenced commercial production and expected date of closure is as follows:

SAUDI ARABIAN MINING COMPANY (MA'ADEN)

(A Saudi Arabian joint stock company)

Notes to the consolidated interim financial statements for the quarter ended 31 March 2020 (Unaudited)

(All amounts in Saudi Riyals unless otherwise stated)


40.1 Gold mines

	Notes	As Suq mine	Mahad mine	Ad Duwayhi mine	Al-Amar mine	Sukhaybarat mine	Bulghah mine	Total
1 January 2019		16,674,679	24,598,689	13,912,878	9,279,158	15,168,911	26,909,186	106,543,501
Increase arising from passage of time during the quarter	15	372,090	616,707	374,301	231,348	359,850	588,774	2,543,070
31 March 2019	40	17,046,769	25,215,396	14,287,179	9,510,506	15,528,761	27,497,960	109,086,571
Increase arising from passage of time during the remainder of the year	15	1,116,274	1,850,122	1,122,905	694,044	1,079,544	1,766,323	7,629,212
Reversal during the remainder of the year credited to other income	16	(1,868,094)	-	-	-	-	(8,311,649)	(10,179,743)
Increase / (decrease) in provision during the remainder of the year	18	(1,452,722)	-	7,189,293	3,698,898	4,583,311	-	14,018,780
31 December 2019	40	14,842,227	27,065,518	22,599,377	13,903,448	21,191,616	20,952,634	120,554,820
Increase arising from passage of time during the quarter	15	138,613	209,014	196,315	124,198	195,317	193,115	1,056,572
31 March 2020	40	14,980,840	27,274,532	22,795,692	14,027,646	21,386,933	21,145,749	121,611,392
Commenced commercial production in		2014	1988	2016	2008	1991	2001	
Expected closure date in		2024	2024	2026	2025	2031	2033	

40.2 Bauxite mine

	Notes	Al-Ba'itha mine
1 January 2019		108,214,608
Increase arising from passage of time during the quarter	15	845,326
Decrease in provision during the quarter	18	(16,748,803)
31 March 2019	40	92,311,131
Increase arising from passage of time during the remainder of the year	15	3,211,902
Increase in provision during the remainder of the year	18	26,699,965
31 December 2019	40	122,222,998
Increase arising from passage of time during the quarter	15	1,015,113
31 March 2020	40	123,238,111
Commenced commercial production in		2014
Expected closure date in		2059

40.3 Phosphate mines

	Notes	Al-Jalamid mine	Al-Khabra mine	Total
1 January 2019		67,888,314	96,999,723	164,888,037
Increase arising from passage of time during the quarter	15	758,358	1,056,551	1,814,909
31 March 2019	40	68,646,672	98,056,274	166,702,946
Increase arising from passage of time during the remainder of the year	15	2,275,075	3,985,209	6,260,284
Increase in provision during the remainder of the year	18	6,160,829	24,538,634	30,699,463
31 December 2019	40	77,082,576	126,580,117	203,662,693
Increase arising from passage of time during the quarter	15	645,073	1,056,261	1,701,334
31 March 2020	40	77,727,649	127,636,378	205,364,027
Commenced commercial production in		2008	2017	
Expected closure date in		2042	2045	

40.4 Low grade bauxite, kaolin and magnesite mines

	Notes	Az-Zabirah mine	Al-Ghazallah mine	Madinah plants	Total
1 January 2019		2,426,631	250,723	3,301,829	5,979,183
Increase arising from passage of time during the quarter	15	18,909	944	24,329	44,182
Decrease in provision during the quarter	18	(482,269)	(161,957)	(856,679)	(1,500,905)
31 March 2019	40	1,963,271	89,710	2,469,479	4,522,460
Increase arising from passage of time during the remainder of the year	15	56,727	2,829	72,988	132,544
31 December 2019	40	2,019,998	92,539	2,542,467	4,655,004
Increase arising from passage of time during the quarter	18	19,644	983	25,298	45,925
31 March 2020	40	2,039,642	93,522	2,567,765	4,700,929
Commenced commercial production in		2008	2011	2011	
Expected closure date in		2036	2057	2041	

41 Lease liabilities

	Notes	31 March 2020	31 March 2019	31 December 2019
Future minimum lease payments	41.1	2,064,170,755	2,147,845,338	2,092,572,575
Less: Future finance cost not yet due	41.2	(814,612,143)	(857,260,080)	(825,972,265)
Net present value of minimum lease payments	7.2, 50.3,52	1,249,558,612	1,290,585,258	1,266,600,310
Less: Current portion of lease liabilities shown under current liabilities		(137,203,616)	(135,355,092)	(139,480,855)
Long-term portion of lease liability		1,112,354,996	1,155,230,166	1,127,119,455

Maturity profile

Minimum lease payments falling due during the following years:

2019	-	131,155,620	-
2020	167,578,958	173,852,866	208,480,827
2021	132,261,079	136,657,811	127,793,761
2022	77,434,469	87,845,587	74,723,615
2023	72,418,919	83,447,736	69,896,936
2024	72,000,955	83,447,736	65,482,259
2025	68,277,037	83,447,736	65,482,259
2026 thereafter	1,474,199,338	1,367,990,246	1,480,712,918
Total		2,064,170,755	2,092,572,575

41.1 Movement in future minimum lease payments:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		2,092,572,575	28,117,012	28,117,012
IFRS 16 adjustments:				
Initial recognition of lease liability	20	-	2,162,854,688	2,162,854,688
Sub-total		2,092,572,575	2,190,971,700	2,190,971,700
Additions during the quarter / year	20	18,716,363	17,398,800	115,823,252
Payments during the quarter / year		(45,211,054)	(60,525,162)	(204,199,919)
Adjustment		(1,907,129)	-	(10,022,458)
31 March / 31 December	41	2,064,170,755	2,147,845,338	2,092,572,575

41.2 Movement in future finance cost:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		(825,972,265)	(933,232)	(933,232)
IFRS 16 adjustments:				
Initial recognition of lease liability	20	-	(870,374,617)	(870,374,617)
Sub-total		(825,972,265)	(871,307,849)	(871,307,849)
Accretion of finance cost during the quarter / year	15	12,664,305	15,700,925	53,004,942
Additions during the quarter / year	20	(1,383,918)	(1,653,156)	(8,383,312)
Adjustment		79,735	-	713,954
31 March / 31 December	41	(814,612,143)	(857,260,080)	(825,972,265)

The future minimum lease payments have been discounted, using an effective interest rate of approximately 4% per annum, to its present value.

42 Derivative financial instruments

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Notes				
1 January		236,723,783	28,888,908	28,888,908
Net settlement of accrued derivative interest		10,233,976	(1,948,045)	8,940,943
Accrual during the quarter / year	15	11,818,070	1,984,363	23,991,691
Paid during the quarter / year		(1,584,094)	(3,932,408)	(15,050,748)
Loss in fair value of hedge instrument charged to other comprehensive income	37.2	170,599,631	26,532,445	198,893,932
31 March / 31 December	50.3	417,557,390	53,473,308	236,723,783

Loss in fair value of hedge instrument charged to other comprehensive income is attributable to:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2018
Notes				
Ordinary shareholders of the parent company		127,779,124	19,872,801	148,971,556
Non-controlling interest	37.3	42,820,507	6,659,644	49,922,376
Total	37.3	170,599,631	26,532,445	198,893,932

MAC and MBAC entered into interest rate swap agreements ("hedge instrument") with financial institutions for a certain portion of its long-term borrowings to hedge against the changes in the LIBOR ("hedge item"). The hedging instruments and hedging item have similar critical terms such as reference rate, reset dates, payment dates, maturities and notional amount.

The arrangement has been designated as hedging arrangement since its inception and subject to prospective testing of hedge effectiveness at each reporting date. As at the reporting date, the hedge effectiveness was evaluated to be 100% as all critical terms matched throughout the year.

The various agreements entered into by the companies were as follows:

Effective date	Maturity date	Notional amount
1 October 2018	29 September 2023	1,820,250,000
1 April 2019	1 April 2024	1,800,000,000
30 June 2019	28 June 2024	1,227,187,500
Total notional hedge exposure		4,847,437,500

The swap contracts require settlement of net interest receivable or payable every six months ending 31 March and 30 September. The settlement dates coincide with the dates on which interest is payable on the underlying debt.

The effect of interest swaps on the Company's financial position and performance are as follows:

	31 March 2020	31 March 2019	31 December 2019
Carrying amount (liability)	417,557,390	53,473,308	236,723,783
Notional amount	4,847,437,500	1,820,250,000	4,847,437,500
Hedge ratio	1:1	1:1	1:1
Loss in value of hedge item used to determine hedge effectiveness	170,599,631	26,532,445	198,893,932

Accumulated loss in fair value of outstanding hedging instruments

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January	225,834,795	26,940,863	26,940,863
Loss for the quarter / year charged to other comprehensive loss	170,599,631	26,532,445	198,893,932
31 March / 31 December	396,434,426	53,473,308	225,834,795

43 Employees' benefits

	Notes	31 March 2020	31 March 2019	31 December 2019
Employees' end of service termination benefits obligation	43.1	647,589,620	561,904,683	625,553,417
Employees' savings plan	43.2	105,505,718	81,911,982	96,845,788
Total		<u>753,095,338</u>	<u>643,816,665</u>	<u>722,399,205</u>

43.1 Employees' end of service termination benefits obligation

The Group operates a termination benefit plan in line with the Labor Law requirement in the Kingdom of Saudi Arabia for each of the respective subsidiary entities. The end of service benefit payments under the plan are based on the employees' final salaries and allowances and their cumulative years of service at the date of their termination of employment, as defined by the conditions stated in the Labor Laws of the Kingdom of Saudi Arabia.

Employees' end of service termination benefit plans are unfunded plans and the benefit payment obligations are met when they are due.

Amounts recognized in the consolidated statement of financial position

The amounts recognised in the consolidated statement of financial position and the movements in the employees' end of service termination benefits obligation over the quarter / year are as follows:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		625,553,417	545,417,883	545,417,883
Total amount recognised in profit or loss		36,069,960	25,209,290	104,894,761
Current service cost		29,758,583	19,823,869	80,372,421
Finance cost	15	6,311,377	5,385,421	24,522,340
Loss attributable to the re-measurements of employees' end of service termination benefits obligation	43.1.1	-	-	329,869
Loss from change in financial assumptions		-	-	13,156,626
Experience gains		-	-	(12,826,757)
Settlements		(14,033,757)	(8,722,490)	(25,089,096)
31 March / 31 December	43	<u>647,589,620</u>	<u>561,904,683</u>	<u>625,553,417</u>

43.1.1 Loss attributable to the re-measurements of employees' end of service termination benefits obligation recognised in other comprehensive income:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Re-measurement loss debited in other comprehensive income during the quarter / year*	43.1	-	-	329,869

43.1 Employees' end of service termination benefits obligation (continued)

*Re-measurement loss debited in other comprehensive income during the quarter / year is attributable to:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
Shareholders of the parent company		-	-	42,419
Non-controlling interest	37.2,37.3	-	-	287,450
Total		-	-	329,869

Significant actuarial assumptions

The significant actuarial assumptions used in determining employees' end of service benefits obligation were as follows:

	31 March 2020	31 March 2019	31 December 2019
Discount rate	4%	4%	4%
Salary increase rate	2.5-4%	2.5-4%	2.5-4%
Mortality rate	A80 table	A80 table	A80 table
Withdrawal rate	6%	6%	6%

Sensitivity analysis

The sensitivity of the defined benefit obligation to changes in the weighted principal assumptions is:

	Sensitivity level % increase	Impact on termination benefit obligation	Sensitivity level % decrease	Impact on termination benefit obligation
31 March 2020				
Discount rate	1%	(70,336,397)	1%	86,897,150
Salary increase rate	1%	86,211,041	1%	(71,126,175)
Mortality rate	10%	(116,318)	10%	116,647
Withdrawal rate	10%	(1,765,772)	10%	1,841,408
31 March 2019				
Discount rate	1%	(60,308,659)	1%	77,460,329
Salary increase rate	1%	77,016,977	1%	(61,098,034)
Mortality rate	10%	(106,594)	10%	106,856
Withdrawal rate	10%	(1,650,565)	10%	1,724,111
31 December 2019				
Discount rate	1%	(70,336,397)	1%	86,897,150
Salary increase rate	1%	86,211,041	1%	(71,126,175)
Mortality rate	10%	(116,318)	10%	116,647
Withdrawal rate	10%	(1,765,772)	10%	1,841,408

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated. When calculating the sensitivity of the employees' end of service termination benefit obligation to significant actuarial assumptions the same method (present value of the employees' end of service termination benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the employees' end of service termination benefit obligation recognised in the consolidated statement of financial position.

The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to the prior year.

43.1 Employees' end of service termination benefits obligation (continued)***Effect of employees' end of service termination benefits obligation on entity's future cash flows***

The weighted average duration of the employees' end of service termination benefits obligation is 12.74 years. The expected maturity analysis of undiscounted employees' end of service termination benefits obligation is as follows:

	31 March 2020	31 March 2019	31 December 2019
2019	-	36,046,842	-
2020	37,223,049	27,135,289	45,339,769
2021	32,773,551	30,216,231	32,773,551
2022	23,496,868	20,482,643	23,496,868
2023	24,544,734	21,460,586	24,544,734
2024	23,726,642	21,460,586	23,726,642
2025 and thereafter	962,458,723	871,569,229	953,684,696
Total	1,104,223,567	1,028,371,406	1,103,566,260

43.2 Employees' savings plan

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		96,845,788	73,045,857	73,045,857
Contribution for the quarter / year		18,227,050	9,853,635	38,775,217
Withdrawals during the quarter / year		(9,567,120)	(987,510)	(14,975,286)
31 March / 31 December	32,43	105,505,718	81,911,982	96,845,788

44 Projects, trade and other payables

	Notes	31 March 2020	31 March 2019	31 December 2019
Non-current portion				
Gross retention withheld from progress payments		-	796,215,919	679,931,813
Less: Current portion of retention payable (see below)		-	(796,215,919)	(679,931,813)
		-	-	-
Less: Unamortized discount for long-term retention payable	44.1	-	-	-
Present value of long-term portion of retention payable		-	-	-
Non-refundable contributions	44.2	88,483,189	107,605,775	90,373,425
Non-controlling interest put option	44.3	83,593,801	-	78,900,805
Sub-total		172,076,990	107,605,775	169,274,230
Current portion				
Current portion of retention payable (see above)		629,213,701	796,215,919	679,931,813
Projects		523,854,736	393,126,039	511,325,834
Trade		1,510,377,529	1,153,673,962	1,762,725,865
Advances from customers		23,048,594	13,913,155	22,693,500
Rebate payable to customers		74,710,030	-	73,545,790
Other		48,634,990	44,690,773	118,877,401
Sub-total		2,809,839,580	2,401,619,848	3,169,100,203
Total	50.3,52	2,981,916,570	2,509,225,623	3,338,374,433

Non-current retentions and other payables are stated at their discounted value as these are due to be settled more than 12 months after the statement of financial position date.

44.1 Movement in unamortized discount for long-term retention payable

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
1 January		-	(11,052,030)	(11,052,030)
Unwinding of discount of non-current retention payable charged to finance cost	15	-	11,052,030	11,052,030
31 March / 31 December	44	-	-	-

44.2 Movement in non-refundable contributions

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
1 January		90,373,425	110,887,008	110,887,008
1% deduction from certain contractor's progress payments		1,233,999	4,167,516	7,644,454
Provision for research and development fund	16	-	409,383	-
Provision for community development fund	16	-	409,383	-
Payments made to community support project		(3,124,235)	(8,267,515)	(28,158,037)
31 March / 31 December	44	88,483,189	107,605,775	90,373,425

Contributed by one of the MAC's and MWSPC's contractors to support the companies' objective to establish a social responsibility fund for the development of a community project.

44.3 Non-controlling interest Put options

As explained in Note 5, the Group, through its subsidiary MMDC, acquired 85% of issued share capital of the Meridian Consolidated Investments Limited (Meridian Group or Meridian) carrying full voting rights, a leading fertilizer distribution network company operating in East Africa on 8 August 2019.

The shareholders agreement between Ma'aden and Meridian include clauses of Put options whereby the non-controlling interest equity holders in Meridian may exercise their Put options in respect of the following tranches of non-controlling interest held in Meridian at any time during the Put Option exercise period:

Relevant tranche	Percentage of non-controlling interest	Put option reference period
First tranche	25%	Financial year end of Meridian on 31 March 2020 ("FY20")
Second tranche	25%	Financial year end of Meridian on 31 March 2021 ("FY21")
Third tranche	25%	Financial year end of Meridian on 31 March 2022 ("FY22")
Fourth tranche	25%	Financial year end of Meridian on 31 March 2023 ("FY23")

The decision to exercise the Put option or otherwise to roll-over the relevant tranche to a later Put option reference date shall be made by the non-controlling equity holders in Meridian between 45 and 90 days before the Put option reference date ("Put option exercise period").

As per the terms of shareholders' agreement, Put options held by the non-controlling equity holders in Meridian are binding irrevocable options to sell the remaining 15% shareholding to MMDC in 2023 if the options are not exercised before that. The call and put option exercise price for each relevant tranche shall be calculated in accordance with the shareholders agreement i.e. by applying relevant multiplier to the audited EBITDA for the relevant tranche multiplied by non-controlling interest shares subject to the call and put option divided by the total number of shares of Meridian. The Group has estimated a gross cash outflow of range of Saudi Riyals 78.3 million to Saudi Riyals 110.6 million at the exercise of option. A pre-tax discount rate of 26% has been used for redemptions values based on the options. This is a level 3 fair valuation as per IFRS 13.

Movement in non-controlling interest Put options

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
1 January		78,900,805	-	-
Recognition as at the date of business combination		-	-	78,900,805
Unwinding of discount debited to other reserves	36	4,692,996	-	-
31 March / 31 December	44	83,593,801	-	78,900,805

45 Accrued expenses

	Notes	31 March 2020	31 March 2019	31 December 2019
Projects		445,453,661	332,489,335	304,989,331
Trade		1,785,951,120	1,304,276,358	1,548,217,353
Employees		157,946,864	145,749,656	265,005,061
Accrued expenses – Alcoa Corporation	48.1,48.2	50,582,048	47,510,977	37,353,100
Accrued expenses – The Mosaic Company	48.1,48.2	7,920,131	2,422,074	15,713,516
Total	50.3,52	2,447,853,824	1,832,448,400	2,171,278,361

Accrued expenses for projects mainly represent the contract cost accruals in relation to MRC, MBAC and MWSPC.

Accrued expenses for Alcoa Corporation mainly represent the personnel and other cost accruals related to the Alcoa Corporation employees seconded to MAC, MRC and MBAC.

Accrued expenses for The Mosaic Company mainly represents the personnel and other cost accruals related to the Mosaic employees seconded to MWSPC.

46 Zakat and income tax payable

	Notes	31 March 2020	31 March 2019	31 December 2019
Zakat payable	46.2	301,250,262	218,298,934	256,524,753
Income tax payable	46.5	11,646,563	2,740,420	10,845,066
Total		312,896,825	221,039,354	267,369,819

46.1 Components of zakat base

The significant components of the zakat base of each company under the zakat and income tax regulation are as follows:

- shareholders' equity at the beginning of the year,
- provisions at the beginning of the year,
- long term borrowings,
- adjusted net income,
- spare parts and consumable materials,
- net book value of mine properties,
- net book value of property, plant and equipment,
- net book value of capital work-in-progress,
- net book value of intangible assets,
- carrying value of investment in joint ventures and
- other items.

Zakat is calculated at 2.5% of the higher of the zakat base or adjusted net income.

46.2 Zakat payable

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		256,524,753	189,153,041	189,153,041
Provision for zakat		50,509,746	30,106,897	249,156,159
Current quarter / year	46.3	27,715,384	30,106,897	180,206,955
Prior year under provision		22,794,362	-	68,949,204
Paid during quarter / year to the authorities	46.4	(5,784,237)	(961,004)	(181,784,447)
31 March / 31 December	46	301,250,262	218,298,934	256,524,753

46.3 Provision for zakat consists of:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
Saudi Arabian Mining Company		-	15,592,550	74,474,583
Ma'aden Gold and Base Metals Company	47.2	7,074,839	3,667,927	10,931,310
Industrial Minerals Company		538,442	773,891	4,204,994
Ma'aden Infrastructure Company		1,291,576	743,112	3,083,235
Ma'aden Phosphate Company		1,696,984	787,990	13,558,012
Ma'aden Wa'ad Al-Shamal Phosphate Company		-	2,045,749	13,904,140
Ma'aden Aluminium Company		3,581,286	989,764	26,571,891
Ma'aden Rolling Company		9,174,340	-	11,673,632
Ma'aden Bauxite and Alumina Company		4,357,917	5,505,914	21,805,158
Total	46.2	27,715,384	30,106,897	180,206,955

46.4 Status of final assessments

The Company and its three wholly owned subsidiaries have diligently filed their consolidated zakat returns for the financial years from 2014 to 2018 and have received provisional assessments but no final zakat assessment.

For the remaining 5 subsidiaries, comprising of Saudi and foreign shareholders, zakat and income tax returns have been filed diligently from the date of incorporation (see Note 2) until 31 December 2018 and provisional zakat and income tax certificates upto 31 December 2018 have been received, but no final zakat and income tax assessments.

46.5 Income tax payable

	Notes	31 March 2020	31 March 2019	31 December 2019
1 January		10,845,066	1,548,530	1,548,530
Addition through business combination	5	-	-	1,967,678
Income tax expense	24.1	1,087,450	1,191,890	13,026,770
Current quarter / year	46.6	1,717,974	1,191,890	13,026,770
Prior year under provision		(630,524)	-	-
Paid during the quarter / year to the authorities		(285,953)	-	(5,697,912)
31 March / 31 December	46	11,646,563	2,740,420	10,845,066

46.6 Provision for income tax consist of:

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Ma'aden Aluminium Company		1,717,974	-	-
Ma'aden Bauxite and Alumina Company		-	1,191,890	-
Meridian		-	-	13,026,770
Total	46.5	1,717,974	1,191,890	13,026,770

47 Severance fees payable

	Notes	31 March 2020	31 March 2019	31 December 2019
1 January		124,505,948	124,800,448	124,800,448
Provision for severance fee made during the quarter / year	9	35,950,411	3,856,815	122,384,655
Current year charge	47.1	35,950,411	5,978,108	124,505,948
Prior year adjustment		-	(2,121,293)	(2,121,293)
Paid during the quarter / year to the authorities		-	(14,309,013)	(122,679,155)
31 March / 31 December		160,456,359	114,348,250	124,505,948

In accordance with the Saudi Mining Code based on the Royal Decree No. 47/M dated 20 Sha'aban 1425H (corresponding to 4 October 2004), the Group is required to pay to the Government of Saudi Arabia severance fees, representing 25% of the annual net income per mining license, as defined, or the equivalent of a hypothetical income tax, based on the annual net income, whichever is lower. The zakat due shall be deducted from this amount. Therefore, the net income for each mining license registered in the name of MGBM, MPC, MBAC and MWSPC is subject to severance fees.

Severance fees are paid by IMC, the registered holder of a small mining license, at a fixed tariff per tonnes sold of low grade bauxite, kaolin and magnesite.

Severance fees are shown as part of cost of sales in the consolidated statement of profit or loss.

47.1 Provision for severance fees consists of:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2018
Gold mines	47.2	35,626,236	5,685,496	123,090,653
Low grade bauxite		179,029	151,062	785,728
Kaolin		99,667	40,892	369,747
Magnesite		37,550	85,654	176,760
Dead burned magnesite		7,461	9,260	36,713
Monolithic		-	229	3,436
Raw ore magnesite		468	5,515	42,911
Total	47	35,950,411	5,978,108	124,505,948

47.2 The provision for severance fees payable by gold mines is calculated as follows:

	Notes	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Net income from operating mines before zakat and severance fee for the quarter / year		194,874,426	45,918,159	536,087,852
25% of the quarter's / year's net income as defined		48,718,607	11,479,540	134,021,963
Hypothetical income tax based on quarter's / year's taxable net income		42,701,076	9,353,423	149,423,517
Provision based on the lower of the above two computations		42,701,076	9,353,423	134,021,963
Deduct of provision for zakat	46.3	(7,074,839)	(3,667,927)	(10,931,310)
Net severance fee provision for the quarter / year	47.1	35,626,237	5,685,496	123,090,653

48 Related party transactions and balances**48.1 Related party transactions**

Transactions with related parties carried out during the year under review, in the normal course of business, are summarised below:

Transactions with different non-controlling shareholders in subsidiaries

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
	Notes			
Sales of MAC to Alcoa Inespal, S.A., in accordance with a shareholders off-take agreement, during the quarter / year		228,677,534	256,788,176	957,813,474
Sales of MPC through SABIC, in accordance with a marketing agreement, during the quarter / year		265,808,741	331,175,172	1,248,751,783
Sales of MWSPC through SABIC, in accordance with a marketing agreement		77,106,113	129,008,061	463,483,647
Sales of MWSPC through The Mosaic Company, in accordance with a marketing agreement		220,188,872	233,555,566	721,644,368
Cost of seconded employees, technology fee and other cost paid to Alcoa Corporation during the quarter / year	45	10,360,046	12,486,299	46,479,947
Cost of seconded employees, technology fee and other cost paid to The Mosaic Company during the quarter / year	45	21,535,267	16,085,672	86,141,068

48.2 Related party balances

Amount due from / (to) related parties arising from transaction with related parties are as follows:

	Note	31 March 2020	31 March 2019	31 December 2019
Due from joint venture partner				
Due from Alcoa Corporation being a parent company of a non-controlling shareholder in MAC, MRC and MBAC	27	-	37,490,445	-
Trade and other receivables due from:				
Non-controlling shareholders:				
• SABIC in MPC - trade		228,819,054	257,940,698	201,929,255
• SABIC in MWSPC - trade		75,513,471	95,016,791	63,917,077
Sub-total – trade receivables due from SABIC	30	304,332,525	352,957,489	265,846,332
• The Mosaic Company in MWSPC - trade	30	44,643,562	160,223,828	39,322,107
Sub-total – trade receivables due from Mosaic		348,976,087	513,181,317	305,168,439
Subsidiaries of a non-controlling shareholder:				
• Alcoa Inespal, S.A. in MAC - trade	30	71,853,486	91,163,898	81,997,942
• Alcoa Warrick LLC in MAC - trade	30	246,640,854	31,410,861	136,761,207
Sub-total – trade receivable due from Alcoa		318,494,340	122,574,759	218,759,149
A joint venture company:				
• MBCC - other	30	128,167	1,380,726	77,456
Total		667,598,594	637,136,802	524,005,044

48.2 Related party balances (continued)

	Notes	31 March 2020	31 March 2019	31 December 2019
Due to joint venture partner				
• Due to Alcoa Corporation	38	-	196,072,094	-
Long-term borrowings from PIF a 67.18% shareholder in Ma'aden				
Due to PIF for the financing of the:				
MAC facility – restructured on 14 December 2017	39.2	4,275,375,000	4,275,375,000	4,275,375,000
MRC facility – converted into equity	39.2	-	2,986,387,500	-
MBAC facility – restructured on 16 July 2018	39.2	3,431,917,500	3,506,250,000	3,431,917,500
MWSPC facility	39.2	6,599,903,363	6,839,278,174	6,599,903,363
Total		14,307,195,863	17,607,290,674	14,307,195,863
Payable to the parent company (ultimate shareholder) of a non-controlling shareholder:				
• Payments to increase share capital received from Alcoa Corporation in MBAC		68,155,432	68,155,432	68,155,432
• Payments to increase share capital received from Alcoa Corporation in MRC		-	230,387,425	-
• Accrued expenses due to Alcoa Corporation in MAC, MRC and MBAC	45	50,582,048	47,510,977	37,353,100
Total		118,737,480	346,053,834	105,508,532
Payable to a non-controlling shareholder				
• Accrued expenses due to The Mosaic Company in MWSPC	45	7,920,131	2,422,074	15,713,516

48.3 Key management personnel compensation

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Short-term employee benefits	11,769,041	13,686,048	53,145,513
Employees' end of service termination benefits	940,506	1,094,884	3,976,553
Total	12,709,547	14,780,932	57,122,066

49 Commitments and contingent liabilities**49.1 Capital commitments**

	31 March 2020	31 March 2019	31 December 2019
Capital expenditure contracted for:			
Property, plant and equipment	5,018,944,161	4,514,718,758	6,809,757,514

49.2 Guarantees

	Notes	31 March 2020	31 March 2019	31 December 2019
Guarantee in favor of Saudi Aramco, for future diesel and gas feedstock supplies		111,520,244	332,248,042	111,520,244
Guarantee in favor of Saudi Aramco for future supply of molten sulfur		234,375,000	234,375,000	234,375,000
Guarantees in favor of SIDF and other financial institutions for financing facilities available to:*				
MBCC	23.1.2	-	375,000,000	-
SAMAPCO	23.2.2	-	450,000,000	-
Sub-total		-	825,000,000	-
Guarantee in favor of Saudi Ports Authority		6,818,838	18,845,851	18,845,851
Guarantees in favor of Jordan Phosphate Mine for future supply of concentrated ore		107,620,047	-	29,045,418
Others		4,872,012	48,704,601	4,704,925
Total		465,206,141	1,459,173,494	398,491,438

*Ma'aden guarantees to SIDF and other financial institutions for granting financing facilities to SAMAPCO and MBCC to the extent of its shareholding of 50% in the jointly controlled entities (Note 23.2).

49.3 Letters of credit

	31 March 2020	31 March 2019	31 December 2019
Three letters of credit sight, for the purpose of purchasing equipment and materials	1,266,090	4,027,635	1,437,638
Letter of credit in favor of General Electric Global Services	3,375,000	-	3,375,000
Total	4,641,090	4,027,635	4,812,638

49.4 Contingent liabilities

The Group has contingent liabilities from time to time with respect to certain disputed matters, including claims by and against contractors and lawsuits and arbitrations involving a variety of issues. These contingent liabilities arise out of the ordinary course of business. It is not anticipated that any material liabilities will be incurred as a result of these contingent liabilities.

50 Financial risk management

The Group's activities expose it to a variety of financial risks such as:

- market risk
- credit risk and
- liquidity risk

50.1 Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk comprises of three types of risk:

- foreign currency exchange risk,
- commission (interest) rate risk and
- commodity price risk

Financial instruments affected by market risk includes other investments, due from joint venture partner, trade receivables, time deposits, cash and cash equivalents, due to joint venture partner, long-term borrowings, obligation under lease, projects, trade and other payables, accrued expenses and derivative financial instruments.

The sensitivity analysis in the following sections relate to the positions as at the reporting date.

The sensitivity analysis has been prepared on the basis that the amount of net debt, the ratio of fixed-to-floating interest rates on the debt and derivatives and the proportion of financial instruments in foreign currencies are all constant. The sensitivity analysis is intended to illustrate the sensitivity to changes in market variables on the Group's financial instruments and show the impact on profit or loss and shareholders' equity, where applicable.

The Group's overall risk management program focuses on the unpredictability of financial market and seeks to minimize potential adverse effects on the Group's financial performance.

50.1.1 Foreign currency exchange risk

Currency risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Group's functional and reporting currency is the Saudi Riyal. The Group's transactions are principally in Saudi Riyals, US Dollars and Euros. Management monitor the fluctuations in currency exchange rates and believes that the currency risk is not significant. The bulk of the exposure is in USD and the Saudi Riyal is pegged at SAR 3.75 : USD 1 therefore, the Group is not exposed to any risk from USD denominated financial instruments.

All commodity sales contracts are USD price and so is the bulk of the procurement and capital expenditure contracts.

Foreign currency exposure

The Group's exposure to foreign currency risk at the end of the reporting period, expressed in SAR, was as follows:

	31 March 2020	31 March 2019	31 December 2019
Trade receivables	-	-	-
Project, trade and other payables and accrued expenses	28,292,458	9,427,719	38,585,042
Total	28,292,458	9,427,719	38,585,042

Amount recognised in consolidated interim financial statements

During the quarter / year, the following foreign exchange related amounts were recognised in the consolidated interim statement of profit or loss:

		Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Foreign exchange (loss) / gain included in other income / expense, net	16	(72,010,598)	1,899,976	6,501,013

50 Financial risk management (continued)**50.1.1 Foreign currency exchange risk (continued)****Foreign currency sensitivity analysis**

As shown in the table above, the Group is primarily exposed to changes in SAR / EURO exchange rates. The sensitivity of profit or loss and equity to changes in the foreign exchange rates arises mainly from EURO denominated receivable balance.

Impact on post-tax profit / equity of increase / (decrease) in foreign exchange rate:

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
SAR/ EURO exchange rate			
- Increase by 10%	1,450,327	555,626	2,592,293
- decrease by 10%	(1,450,327)	(555,626)	(2,592,293)

The Group's exposure to other foreign exchange movements is not material.

50.1.2 Interest rate risk

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's long-term borrowing which expose the Group to cash flow interest rate risk.

The Group's receivables and fixed rate borrowings carried at amortised cost are not subject to interest rate risk as defined in IFRS 7, since neither the carrying amount nor the future cash flows will fluctuate because of a change in market interest rates. Hence, the Group's exposure to fair value interest rate risk is not material.

Cash flow hedge

The Group has entered into interest rate swap agreements which have been designated as cash flow hedge. Since the critical terms under the hedging arrangement are similar, the hedging effectiveness is expected to remain 100% throughout the life of the hedging arrangement. Below is the notional amount covered under the hedging arrangement:

	Note	31 March 2020	31 March 2019	31 December 2019
Notional amount hedged	42	4,847,437,500	1,820,250,000	4,847,437,500

Other comprehensive income is sensitive to higher / lower interest expense from net settled derivative as a result of changes in interest rates. The Group's other comprehensive income is affected as follows:

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Interest rate			
- increase by 100 basis points	4,321,057	534,733	199,922,108
- decrease by 100 basis points	(4,321,057)	(534,733)	(199,922,108)

Interest rate exposure

The exposure of the Group's borrowing to interest rate changes and the contractual re-pricing dates of the variable interest rate borrowings at the end of the reporting period are as follows:

	Note	31 March 2020	31 March 2019	31 December 2019
Fixed interest rate borrowings		4,926,000,000	5,311,000,000	4,926,000,000
Variable interest rate borrowings – repricing dates 6 months or less		44,954,996,006	49,698,746,115	45,329,077,062
Total	39.8	49,880,996,006	55,009,746,115	50,255,077,062

50 Financial risk management (continued)**50.1.2 Interest rate risk (continued)*****Interest rate sensitivity analysis***

Profit or loss and equity is sensitive to higher / lower interest expense from long-term borrowings as a result of changes in interest rates. The Group's profit before tax is affected as follows:

	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
Interest rate			
- increase by 100 basis points	(321,564,617)	(407,295,118)	(892,443,510)
- decrease by 100 basis points	321,564,617	407,295,118	892,443,510

Transition from LIBOR to risk free rates

In July 2017, the United Kingdom Financial Conduct Authority ('FCA'), which regulates the London Interbank Offered Rate ('LIBOR'), announced that the interest benchmark would cease after 2021. LIBOR is one of the most common series of benchmark interest rates.

LIBOR reforms and expectation of cessation of LIBOR will impact the Group's current risk management strategy and possibly accounting for certain financial instruments. The Group has long-term borrowings of SAR 33,116,456,428 which are exposed to the impact of LIBOR as at 31 March 2020 (Note 39.8).

As part of the Group's risk management strategy, the Group uses financial instruments to manage exposures arising from variation of interest rates that could affect profit or loss and other comprehensive income and applies hedge accounting to these instruments. Majority of those financial instruments are also referenced to LIBOR.

The Group is assessing the impact and next steps to ensure a smooth transition from LIBOR to the new benchmark rates.

50.1.3 Commodity price risk

The Group is exposed to the risk of fluctuations in prevailing market commodity prices on the mix of the mineral products it produces.

The Group makes sale of certain gold, by-products, phosphate and aluminium products on a provisional pricing basis. Revenue and a corresponding receivable from the sale of provisionally priced commodities is recognised when control over the promised goods have been transferred to the customer (which would generally be at a point in time, i.e. the date of delivery) and revenue can be measured reliably. At this date, the amount of revenue and receivable to be recognised will be estimated based on the forward market price of the commodity being sold.

However, the Group faces a risk that future adverse change in commodity prices would result in the reduction of receivable balance. The Group's normal policy is to sell its products at prevailing market prices. The Group does not generally believe commodity price hedging would provide long-term benefit to the shareholders.

Commodity price exposure

The exposure of the Group's trade receivables balance to changes in commodity prices are as follows:

	Note	31 March 2020	31 March 2019	31 December 2019
Trade receivables pertaining to:				
Phosphate		1,203,344,579	1,301,352,344	1,267,531,845
Aluminium		879,285,157	771,000,624	896,944,861
Gold		254,900,655	187,167,509	251,221,854
Total	30	2,337,530,391	2,259,520,477	2,415,698,560

Policies and procedure to manage commodity price risk

The Group policy is to manage these risks through the use of contract-base prices with customers.

50 Financial risk management (continued)**50.1.3 Commodity price risk (continued)****Commodity price sensitivity analysis**

The table below shows the impact on profit before tax and equity for changes in commodity prices. The analysis is based on the assumption that phosphate, aluminium and gold prices move 10% with all other variables held constant.

	31 March 2020	31 March 2019	31 December 2019
Increase / (decrease) in phosphate prices			
Increase of 10% in USD per tonne	96,152,094	175,726,419	75,382,588
Decrease of 10% in USD per tonne	(96,152,094)	(175,726,419)	(75,382,588)
Increase / (decrease) in aluminium LME prices			
Increase of 10% in USD per tonne	158,823,004	129,169,310	397,340,383
Decrease of 10% in USD per tonne	(158,823,004)	(129,169,310)	(397,340,383)
Increase / (decrease) in gold prices			
Increase of 10% in USD per oz	68,530,214	38,057,723	208,620,490
Decrease of 10% in USD per oz	(68,530,214)	(38,057,723)	(208,620,490)

Physical commodity contracts

The Group enters into physical commodity contracts in the normal course of business. These contracts are not derivatives and are treated as executory contracts, which are recognized and measured at cost when the transaction occurs.

50.2 Credit risk

Is the risk that one party will fail to discharge an obligation and cause the other party to incur a financial loss.

The Group is exposed to credit risk if counterparties fail to make payments as they fall due.

Credit risk exposure

The Group ensures that the cash collection is made at time of sales delivery and from its financing activities, including deposits with banks and financial institutions. Credit limits are established for all customers based on internal rating criteria. Outstanding trade receivables are regularly monitored and any credit concerns highlighted to senior management.

The Group has limited number of customers and have no history of defaults. The Group calculates life time ECL through an internally developed model. Life time ECL is computed based on days past due and rating grade of the counterparty. An allowance for life time ECL is reported either as "not impaired" or "impaired" exposure accordingly.

Cash and short-term investments are substantially placed with commercial banks with sound credit ratings. Time deposits are placed with financial institutions with investment grade rating, which are considered to have low credit risk, hence provision is recognised at an amount equal to 12 month ECL unless there is evidence of significant increase in credit risk of the counter party.

There are no significant concentrations of credit risk, whether through exposure to individual customers, specific industry sectors and/or regions.

50 Financial risk management (continued)**50.2 Credit risk (continued)**

The Group considers the probability of default upon initial recognition of asset and whether there has been a significant increase in credit risk on an ongoing basis throughout each reporting period. To assess whether there is a significant increase in credit risk the Group compares the risk of a default occurring on the asset as at the reporting date with the risk of default as at the date of initial recognition. It considers available reasonable and supportive forward-looking information. Especially the following indicators are incorporated:

- External credit rating (as far as available)
- Actual or expected significant adverse changes in business, financial or economic conditions that are expected to cause a significant change to the borrower's ability to meet its obligations
- Significant increases in credit risk on other financial instruments of the same borrower
- Significant changes in the value of the collateral supporting the obligation or in the quality of third-party guarantees or credit enhancements
- Significant changes in the expected performance and behaviour of the borrower, including changes in the payment status of borrowers in the Group and changes in the operating results of the borrower

	Notes	12 month ECL	Life time ECL not credit impaired	Life time ECL credit impaired	Total
Time deposits	31	1,418,000,000	-	-	1,418,000,000
Less: Credit loss allowance	31.1	(2,201,194)	-	-	(2,201,194)
Carrying amount		1,415,798,806	-	-	1,415,798,806

Impairment losses on time deposits recognized in consolidated statement of profit or loss were as follows:

	Note	Quarter ended 31 March 2020	31 March 2019	Year ended 31 December 2019
1 January		2,201,194	2,201,194	2,201,194
Increase in allowance during the quarter / year		-	-	-
31 March / 31 December	31.1	2,201,194	2,201,194	2,201,194

Trade receivables

The analysis of trade receivables that were past due but not impaired are as follows:

	Note	31 March 2020	31 March 2019	31 December 2019
Neither past due nor impaired		2,032,257,709	2,077,455,573	2,066,581,669
Past due not impaired				
< 30 days		85,093,551	83,435,242	158,419,703
30-60 days		40,895,993	14,040,448	15,684,487
61-90 days		4,660,880	2,687,734	6,275,344
> 90 days, net		174,622,258	81,901,480	168,737,357
Total	30	2,337,530,391	2,259,520,477	2,415,698,560

50 Financial risk management (continued)**50.3 Liquidity risk**

Liquidity risk is the risk that the Group will encounter difficulty in raising funds to meet commitments associated with financial instruments.

Prudent liquidity risk management implies maintaining sufficient cash and marketable securities and the availability of funding through an adequate amount of committed credit facilities to meet obligations when due and to close out market positions. The Group held the following deposits and cash and cash equivalents that are expected to readily generate cash inflows for managing liquidity risk. Further, Group treasury maintains flexibility in funding by maintaining availability under committed credit lines.

	Notes	31 March 2020	31 March 2019	31 December 2019
Time deposits	31	1,418,000,000	3,071,250,000	3,159,175,000
Unrestricted cash and cash equivalents	32	4,532,714,814	5,275,640,363	3,508,050,288
Total		5,950,714,814	8,346,890,363	6,667,225,288

Liquidity risk exposure

The Group had access to the following undrawn borrowing facilities at the end of the quarter / year:

	Notes	31 March 2020	31 March 2019	31 December 2019
Floating rate				
- Expiring within 1 year				
• Syndicated revolving credit facility	39.3	-	-	-
- Expiring beyond 1 year				
• Syndicated revolving credit facility	39.1	7,500,000,000	7,500,000,000	7,500,000,000
• Other facilities (mainly for project financing)		403,306,250	2,465,307,340	403,306,250
Fixed rate				
- Expiring within 1 year		-	-	-
- Expiring beyond 1 year		-	95,000,000	-
Total		7,903,306,250	10,060,307,340	7,903,306,250

50 Financial risk management (continued)**50.3 Liquidity risk (continued)*****Maturities of financial liabilities***

The tables below analyze the Group's financial liabilities into relevant maturity groupings based on their contractual maturities for:

- all non-derivative financial liabilities and
- net and gross settled derivative financial instruments for which the contractual maturities are essential for an understanding of the timing of the cash flows.

The amounts disclosed in the table are the contractual undiscounted cash flows. Balances due within 12 months equal their carrying balances as the impact of discounting is not significant.

Contractual maturities of financial liabilities	1st year	2nd year	3 - 5 years	Over 5 years	Total contractual cash flows	Carrying amount of liabilities
<u>Non-derivatives as at:</u>						
<u>31 March 2020</u>						
Long-term borrowings (Note 39)	3,957,156,704	5,661,733,606	18,911,175,446	36,132,103,632	64,662,169,388	49,537,478,708
Lease liabilities (Note 41)	167,578,958	132,261,079	221,854,344	1,542,476,374	2,064,170,755	1,249,558,612
Derivative financial instruments (Note 42)	417,557,390	-	-	-	417,557,390	417,557,390
Projects, trade and other payables (Note 44)	2,809,839,580	172,076,990	-	-	2,981,916,570	2,981,916,570
Accrued expenses (Note 45)	2,447,853,824	-	-	-	2,447,853,824	2,447,853,824
Total	9,799,986,456	5,966,071,675	19,133,029,790	37,674,580,006	72,573,667,927	56,634,365,104
<u>Non-derivatives as at:</u>						
<u>31 March 2019</u>						
Long-term borrowings (Note 39)	5,515,727,598	4,949,632,198	21,480,334,931	42,661,370,748	74,607,065,475	54,493,590,133
Lease liabilities (Note 41)	131,155,620	173,852,866	307,951,135	1,534,885,717	2,147,845,338	1,290,585,258
Derivative financial instruments (Note 42)	53,473,308	-	-	-	53,473,308	53,473,308
Projects, trade and other payables (Note 44)	2,401,619,848	107,605,775	-	-	2,509,225,623	2,509,225,623
Accrued expenses (Note 45)	1,832,448,400	-	-	-	1,832,448,400	1,832,448,400
Total	9,934,424,774	5,231,090,839	21,788,286,066	44,196,256,465	81,150,058,144	60,179,322,722
<u>Non-derivatives as at:</u>						
<u>31 December 2019</u>						
Long-term borrowings (Note 39)	4,584,535,212	5,722,394,724	18,961,881,755	36,344,938,301	65,613,749,992	49,845,084,257
Lease liabilities (Note 41)	208,480,827	127,793,761	210,102,810	1,546,195,177	2,092,572,575	1,266,600,310
Derivative financial instruments (Note 42)	236,723,783	-	-	-	236,723,783	236,723,783
Projects, trade and other payables (Note 44)	3,169,100,203	169,274,230	-	-	3,338,374,433	3,338,374,433
Accrued expenses (Note 45)	2,171,278,361	-	-	-	2,171,278,361	2,171,278,361
Total	10,370,118,386	6,019,462,715	19,171,984,565	37,891,133,478	73,452,699,144	56,858,061,144

51 Capital management

Risk management

The Group's objectives when managing capital are to

- safeguard their ability to continue as a going concern, so that they can continue to provide returns for shareholders and benefits for other stakeholders, and
- maintain an optimal capital structure to reduce the cost of capital.

In order to maintain or adjust the capital structure, the Group may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt.

The net debts of the Group are as follows:

	Notes	31 March 2020	31 March 2019	31 December 2019
Net debt				
Time deposits	31	1,418,000,000	3,071,250,000	3,159,175,000
Cash and cash equivalents	32	4,532,714,814	5,275,640,363	3,508,050,288
Long-term borrowings - payable within one year	39.8	(2,073,367,933)	(2,800,646,027)	(2,436,219,781)
Long-term borrowings - payable after one year	39.8	(47,807,628,073)	(52,209,100,088)	(47,818,857,281)
Lease liabilities - payable within one year	41.2,41.3	(167,578,958)	(131,155,620)	(208,480,827)
Lease liabilities - payable after one year	41.2,41.3	(1,896,591,797)	(2,016,689,718)	(1,884,091,748)
Net debt		<u>(45,994,451,947)</u>	<u>(48,810,701,090)</u>	<u>(45,680,424,349)</u>

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51 Capital management (continued)
Net debt reconciliation

The movement in net debt is as follows:

	Notes	Other assets		Liabilities from financing activities				Total
		Time deposits (Note 31)	Cash and cash equivalents (Note 32)	Long-term borrowings - payable within one year (Note 39.8)	Long-term borrowings - payable after one year (Note 39.8)	lease liabilities – payable within one year (Note 41.1)	lease liabilities - payable after one year (Note 40.1)	
1 January 2019		3,535,000,000	5,320,116,207	(3,162,757,425)	(52,209,100,088)	(22,315,272)	(2,168,656,428)	(48,707,713,006)
Additions during the quarter	41	-	-	-	-	-	(17,398,800)	(17,398,800)
Cash flows for the quarter		(463,750,000)	(44,475,844)	362,111,398	-	(108,840,348)	169,365,510	(85,589,284)
31 March 2019		3,071,250,000	5,275,640,363	(2,800,646,027)	(52,209,100,088)	(131,155,620)	(2,016,689,718)	(48,810,701,090)
Additions during the remainder of the year	41	-	-	-	-	-	(98,424,452)	(98,424,452)
Adjustment	41	-	-	-	-	-	10,022,458	10,022,458
Addition through business combination	5	-	-	-	(383,402,238)	-	-	(383,402,238)
Conversion of long-term borrowings to equity		-	-	-	2,986,387,500	-	-	2,986,387,500
Cash flows for the remainder of the year		87,925,000	(1,767,590,075)	364,426,246	1,787,257,545	(77,325,207)	220,999,964	615,693,473
31 December 2019		3,159,175,000	3,508,050,288	(2,436,219,781)	(47,818,857,281)	(208,480,827)	(1,884,091,748)	(45,680,424,349)
Additions during the quarter	41	-	-	-	-	-	(18,716,363)	(18,716,363)
Adjustment	41	-	-	-	-	-	1,907,129	1,907,129
Cash flows for the quarter		(1,741,175,000)	1,024,664,526	362,851,848	11,229,208	40,901,869	4,309,185	(297,218,364)
31 March 2020		1,418,000,000	4,532,714,814	(2,073,367,933)	(47,807,628,073)	(167,578,958)	(1,896,591,797)	(45,994,451,947)

51 Capital management (continued)

Consistent with others in the industry, the Group monitors capital on the basis of the following gearing ratio:

“Long-term borrowings divided by total equity and long-term borrowings (as shown in the consolidated statement of financial position, including non-controlling interests).”

The gearing ratios, in accordance with the financial covenants pertaining to the long-term borrowings (Note 38.1), as at the end of the quarter / year were as follows:

	Note	31 March 2020	31 March 2019	31 December 2019
Long term borrowings	39	49,537,478,708	54,493,590,133	49,845,084,257
Total equity		37,520,506,392	36,414,973,853	38,392,932,765
Total equity and net debt		87,057,985,100	90,908,563,986	88,238,017,022
Debt to equity ratio		0.57	0.60	0.56

52 Financial assets and financial liabilities

The Group holds the following classes of financial instruments:

	Notes	Amortised cost	FVTPL	Total
Financial assets				
As at 31 March 2020				
Other investments	25	43,185,000	-	43,185,000
Trade and other receivable (less VAT and employees' home ownership program receivables)	30	1,363,552,427	1,400,017,663	2,763,570,090
Time deposits	31	1,433,777,413	-	1,433,777,413
Cash and cash equivalents	32	4,638,220,532	-	4,638,220,532
Total		7,478,735,372	1,400,017,663	8,878,753,035
As at 31 March 2019				
Other investments	25	47,850,000	-	47,850,000
Due from joint venture partner	27	37,490,445	-	37,490,445
Trade and other receivable (less VAT and employees' home ownership program receivables)	30	839,236,715	1,559,861,097	2,399,097,812
Time deposits	31	3,105,752,466	-	3,105,752,466
Cash and cash equivalents	32	5,357,552,345	-	5,357,552,345
Total		9,387,881,971	1,559,861,097	10,947,743,068
As at 31 December 2019				
Other investments	25	43,185,000	-	43,185,000
Trade and other receivable (less VAT and employees' home ownership program receivables)	30	1,443,525,275	1,438,265,963	2,881,791,238
Time deposits	31	3,186,788,848	-	3,186,788,848
Cash and cash equivalents	32	3,604,896,076	-	3,604,896,076
Total		8,278,395,199	1,438,265,963	9,716,661,162

52 Financial assets and financial liabilities (continued)

	Notes	31 March 2020	31 March 2019	31 December 2019
Financial liabilities measured at amortised cost				
Long-term borrowings	39	49,537,478,708	54,493,590,133	49,845,084,257
Lease liabilities	41	1,249,558,612	1,290,585,258	1,266,600,310
Derivative financial instruments	42	417,557,390	53,473,308	236,723,783
Projects, trade and other payables	44	2,981,916,570	2,509,225,623	3,338,374,433
Accrued expenses	45	2,447,853,824	1,832,448,400	2,171,278,361
Total		56,634,365,104	60,179,322,722	56,858,061,144

Long-term borrowings are initially recognised at their fair value (being proceeds received, net of eligible transaction costs incurred) if any. Subsequent to the initial recognition long-term borrowings are measured at amortised cost using the effective interest rate method. The fair value measurement hierarchy, on a non-recurring basis for liabilities, is Level 3 – significant unobservable inputs.

53 Fair value estimation

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Management believes that the fair values of the Group's financial assets and liabilities are not materially different from their carrying values.

Financial instruments are carried at fair value, using the following different levels of valuation methods:

Level 1 - inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Group can access at the measurement date.

Level 2 - inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.

Level 3 - inputs are unobservable inputs for the asset or liability.

If the inputs used to measure the fair value of an asset or liability falls into different levels of the fair value hierarchy, then the fair value measurement is categorized in its entirety in the same level of the fair value hierarchy as the lowest input level that is significant to the entire measurement.

The Group recognizes transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

The fair value of trade receivables carried at FVTPL are valued using valuation techniques, which employ the use of market observable inputs. The valuation techniques incorporate various inputs including the credit quality of counterparties and forward rate curves of the underlying commodity. As at the reporting date, the marked-to-market value of provisionally priced trade receivables is net of a credit valuation adjustment attributable to customer default risk. The changes in counterparty credit risk had no material effect on financial instruments recognised at fair value.

The table below presents the financial assets and financial liabilities at their fair values as at the reporting date based on the fair value hierarchy:

	Level 1	Level 2	Level 3	Total
As at 31 March 2020				
Financial assets				
Trade receivables	-	1,379,682,828	-	1,379,682,828
Financial liabilities				
Derivative financial instruments	-	417,557,390	-	417,557,390
Non-controlling interest put options	-	-	83,593,801	83,593,801
Total	-	417,557,390	83,593,801	501,151,191

53 Fair value estimation (continued)

	Level 1	Level 2	Level 3	Total
As at 31 March 2019				
Financial assets				
Trade receivables	-	1,559,861,097	-	1,559,861,097
Financial liabilities				
Derivative financial instruments	-	53,473,308	-	53,473,308
As at 31 December 2019				
Financial assets				
Trade receivables	-	1,438,265,963	-	1,438,265,963
Financial liabilities				
Derivative financial instruments	-	236,723,783	-	236,723,783
Non-controlling interest put options	-	-	78,900,805	78,900,805
Total	-	236,723,783	78,900,805	315,624,588

54 Events after the reporting date

No events have arisen subsequent to 31 March 2020 and before the date of signing the independent auditor's review report, that could have a significant effect on the consolidated interim financial statements as at 31 March 2020.

55 Comparative figures

Certain comparative figures of the previous quarter / year have been reclassified, wherever necessary, to conform with the current quarter's presentation. Such reclassifications did not affect either the net worth or the net profit of the Group for the previous quarter / year.

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56 Detailed information about the subsidiaries and joint ventures

Subsidiaries	Nature of business	Issued and paid-up share capital			Effective group interest %			Cost of investment by parent company		
		31 March 2020	31 March 2019	31 December 2019	31 Mar. 2020	31 Mar. 2019	31 Dec. 2019	31 March 2020	31 March 2019	31 December 2019
MGBM	Gold mining	867,000,000	867,000,000	867,000,000	100	100	100	867,000,000	867,000,000	867,000,000
MIC	Manage and develop infrastructure projects	500,000	500,000	500,000	100	100	100	500,000	500,000	500,000
IMC	Kaolin, low grade bauxite and magnesite mining	344,855,200	344,855,200	344,855,200	100	100	100	344,855,200	344,855,200	344,855,200
MFC	Phosphate mining and production of urea, phosphate and potassium fertilizer	1,000,000	-	1,000,000	100	100	100	1,000,000	-	1,000,000
MMDC	Phosphate fertilizer distribution	1,000,000	-	1,000,000	100	100	100	1,000,000	-	1,000,000
MRC	Aluminium sheets for can body and lids and automotive heat treated and non-heat treated sheet	2,477,371,807	2,477,371,807	2,477,371,807	100	74.9	100	2,477,371,807	1,855,551,483	2,477,371,807
MAC	Aluminium ingots, T-shape ingots, slabs and billets	6,573,750,000	6,573,750,000	6,573,750,000	74.9	74.9	74.9	4,923,738,750	4,923,738,750	4,923,738,750
MBAC	Bauxite mining and refining	4,828,464,412	4,828,464,412	4,828,464,412	74.9	74.9	74.9	3,616,519,845	3,616,519,845	3,616,519,845
MPC	Phosphate mining and fertilizer producer	6,208,480,000	6,208,480,000	6,208,480,000	70	70	70	4,345,936,000	4,345,936,000	4,345,936,000
MWSPC	Phosphate mining and fertilizer producer	7,942,501,875	7,942,501,875	7,942,501,875	60	60	60	4,765,501,125	4,765,501,125	4,765,501,125
Sub-total								21,342,422,727	20,719,602,403	21,342,422,727
Joint ventures										
SAMAPCO	Production of concentrated caustic soda and ethylene dichloride	900,000,000	900,000,000	900,000,000	50	50	50	450,000,000	450,000,000	450,000,000
MBCC	Production of copper and associated minerals	404,965,291	404,965,291	404,965,291	50	50	50	202,482,646	202,482,646	202,482,646
Sub-total								652,482,646	652,482,646	652,482,646
Total								21,994,905,373	21,372,085,049	21,994,905,373

All the subsidiaries and joint ventures listed above are incorporated in the Kingdom of Saudi Arabia except as mentioned in Note 2.