For the six months ended June 30, 2021

1. GENERAL

Joint stock company "National Company "KazMunayGas" (the Company, JSC NC "KazMunayGas" or Parent Company) is oil and gas enterprise of the Republic of Kazakhstan (RK), which was established on February 27, 2002 as a closed joint stock company pursuant to the Decree No 811 of the President of the Republic of Kazakhstan dated February 20, 2002 and the resolution of the Government of the RK (further the Government) No. 248 dated February 25, 2002. The Company was formed as a result of the merger of closed joint stock companies "National Oil and Gas Company Kazakhoil" and "National Company Transport Nefti i Gaza". As the result of the merger, all assets and liabilities, including ownership interest in all entities owned by these companies, have been transferred to the Company. The Company was reregistered as a joint stock company in accordance with the legislation of the RK in March 2004.

Starting from June 8, 2006, the sole shareholder of the Company was joint stock company "Kazakhstan Holding Company for State Assets Management "Samruk", which in October 2008 was merged with the state owned Sustainable Development Fund "Kazyna" and formed joint stock company "National Welfare Fund Samruk-Kazyna", now renamed to joint stock company "Sovereign Wealth Fund Samruk-Kazyna" (further Samruk-Kazyna). The Government is the sole shareholder of Samruk-Kazyna. On August 7, 2015, the National Bank of RK purchased 9.58% plus one share of the Company from Samruk-Kazyna.

As at June 30, 2021, the Company has interest in 61 operating companies (as of December 31, 2020: 61) (jointly the "Group").

The Company has its registered office in the RK, Nur-Sultan, Dinmukhamed Kunayev, 8.

The principal activity of the Group includes, but is not limited, to the following:

- Participation in the development and implementation of the uniform public policy in the oil and gas sector;
- Representation of the state interests in subsoil use contracts through interest participation in those contracts; and
- Corporate governance and monitoring of exploration, development, production, oil servicing, processing, petrochemistry, transportation and sale of hydrocarbons and the designing, construction and maintenance of oil-and-gas pipeline and field infrastructure.

The interim condensed consolidated financial statements comprise the financial statements of the Company and its controlled subsidiaries.

These interim condensed consolidated financial statements of the Group were approved for issue by the Deputy Chairman of the Management Board for Economy and Finance and the Chief accountant on August 13, 2021.

2. BASIS OF PREPARATION

The interim condensed consolidated financial statements for the six months ended June 30, 2021 have been prepared in accordance with IAS 34 *Interim Financial Reporting* (IAS 34). These interim condensed consolidated financial statements do not include all the information and disclosures required in the annual consolidated financial statements, and should be read in conjunction with the Group's annual consolidated financial statements for the year ended December 31, 2020.

Foreign currency translation

Functional and presentation currency

Items included in the financial statements of each of the Group's entities included in these interim condensed consolidated financial statements are measured using the currency of the primary economic environment in which the entities operate ("the functional currency"). The consolidated financial statements are presented in Kazakhstan tenge ("tenge" or "KZT"), which is the Company's functional and presentation currency.

Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at period-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the consolidated statement of comprehensive income.

2. BASIS OF PREPARATION (continued)

Foreign currency translation (continued)

Transactions and balances (continued)

Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined.

Differences arising on settlement or translation of monetary items are recognised in profit or loss with the exception of monetary items that are designated as part of the hedge of the Group's net investment in foreign operation. These are recognised in other comprehensive income until the net investment is disposed of, at which time, the cumulative amount is reclassified to profit or loss. Tax charges and credits attributable to exchange differences on those monetary items are also recorded in other comprehensive income.

Translation of foreign operations

The results and financial position of all of the Group's subsidiaries, joint ventures and associates (none of which has the currency of a hyperinflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- Assets and liabilities for each statement of financial position presented are translated at the closing rate at that reporting date;
- Income and expenses for each statement of comprehensive income presented are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the rate on the date of the transaction); and
- All resulting exchange differences are recognised as a separate component of other comprehensive income.

Exchange rates

Weighted average currency exchange rates established by the Kazakhstan Stock Exchange ("KASE") are used as official currency exchange rates in the Republic of Kazakhstan.

The currency exchange rate of KASE as at June 30, 2021 and December 31, 2020 were 427.89 and 420.91 tenge to 1 United States dollar ("US dollar"), respectively. These rates were used to translate monetary assets and liabilities denominated in US dollar as at June 30, 2021 and December 31, 2020. The weighted average rate for six months ended June 30, 2021 was 424.22 tenge to 1 US dollar (for the six months ended June 30, 2020: 404.71 tenge to 1 US dollar). The currency exchange rate of KASE as at August 13, 2021 was 424.24 tenge to 1 US dollar.

Considerations in respect of COVID-19 (coronavirus) pandemic and the current economic environment

The impacts of COVID-19 and the current economic environment on the basis of preparation of these interim condensed consolidated financial statements have been considered. The Group continues to consider it appropriate to adopt the going concern basis of accounting in preparing these interim condensed consolidated financial statements.

The significant accounting judgments and estimates of the Group were disclosed in its consolidated financial statements for the year ended December 31, 2020. As at June 30, 2021, the Group analyzed and determined that all judgments and estimates used and disclosed in the consolidated financial statements for the year ended December 31, 2020 remain applicable. No new significant accounting judgments or estimates have been identified.

3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

New and amended standards and interpretations

The accounting policies adopted in the preparation of the interim condensed consolidated financial statements are consistent with those followed in the preparation of the Group's annual consolidated financial statements for the year ended December 31, 2020, except for the adoption of new standards and interpretations effective as of January 1, 2021. The Group has not early adopted any other standard, interpretation or amendment that has been issued but is not yet effective.

Several amendments and interpretations apply for the first time in 2021, but do not have an impact on the interim condensed consolidated financial statements of the Group.

3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

New and amended standards and interpretations (continued)

Interest Rate Benchmark Reform - Phase 2: Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16

The amendments provide temporary reliefs which address the financial reporting effects when an interbank offered rate (IBOR) is replaced with an alternative nearly risk-free interest rate (RFR). The amendments include the following practical expedients:

- A practical expedient to require contractual changes, or changes to cash flows that are directly required by the reform, to be treated as changes to a floating interest rate, equivalent to a movement in a market rate of interest;
- Permit changes required by IBOR reform to be made to hedge designations and hedge documentation without the hedging relationship being discontinued;
- Provide temporary relief to entities from having to meet the separately identifiable requirement when an RFR instrument is designated as a hedge of a risk component.

These amendments had no impact on the interim condensed consolidated financial statements of the Group.

The Group intends to use the practical expedients in future periods if they become applicable.

4. REVENUE

	For the three ended Ju		For the six months ended June 30,	
	2021	2020	. 2021	2020
In millions of tenge	(unaudited)	(unaudited)	(unaudited)	(unaudited)
Type of goods and services				
Sales of crude oil and gas	917,990	472,117	1,750,618	1,273,550
Sales of refined products	560,140	234,449	976,152	615,729
Oil and gas transportation services	81,508	65,519	159,473	147,552
Refining of oil and oil products	55,467	41,560	102,459	92,469
Other revenue	73,563	64,336	133,417	124,795
	1,688,668	877,981	3,122,119	2,254,095
Geographical markets				
Kazakhstan	306,455	231,739	609,085	536,033
Other countries	1,382,213	646,242	2,513,034	1,718,062
	1,688,668	877,981	3,122,119	2,254,095

5. SHARE IN PROFIT OF JOINT VENTURES AND ASSOCIATES, NET

	For the three months ended June 30,		For the six months ended June 30,	
	2021	2020	2021	2020
In millions of tenge	(unaudited)	(unaudited)	(unaudited)	(unaudited)
Tengizchevroil LLP	109,664	5,563	199,005	69,514
Asian Gas Pipeline LLP	65,007	80,848	120,824	76,566
Caspian Pipeline Consortium	17,316	20,540	39,321	40,664
Beineu-Shymkent Gas Pipeline LLP	16,428	31,906	36,173	24,139
KMG Kashagan B.V.	22,312	(11,308)	30,798	(11,409)
Mangistau Investments B.V.	14,740	(1,359)	26,794	4,755
KazRosGas LLP	7,320	7,909	9,165	1,468
Kazakhstan – China Pipeline LLP	4,231	7,535	6,881	4,222
PetroKazakhstan Inc.	3,725	4,629	5,832	7,347
Valsera Holdings B.V.	636	7,255	4,551	(4,020)
KazGerMunay LLP	3,846	2,949	4,099	8,955
Kazakhoil-Aktobe LLP	1,914	1,657	2,737	1,640
Teniz Service LLP	(2,452)	12	(3,096)	427
Ural Group Limited	(3,473)	(2,486)	(5,220)	(4,952)
Other joint ventures and associates	2,284	3,314	3,360	4,964
	263,498	158,964	481,224	224,280

6. COST OF PURCHASED OIL, GAS, PETROLEUM PRODUCTS AND OTHER MATERIALS

	For the three months ended June 30,		For the six months ended June 30,	
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)
Purchased oil for resale	647,464	245,571	1,216,468	652,189
Cost of oil for refining	162,364	29,689	251,415	152,979
Materials and supplies	64,668	45,408	118,928	94,159
Purchased gas for resale	58,410	58,591	85,334	204,652
Purchased petroleum products for resale	9,030	5,247	16,833	21,911
	941,936	384,506	1,688,978	1,125,890

7. PRODUCTION EXPENSES

	For the three months ended June 30,		For the six months ended June 30,	
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)
Payroll	85,213	85,556	167,965	158,383
Repair and maintenance	31,470	31,189	50,301	50,540
Energy	21,543	19,111	44,367	40,318
Transportation costs	11,336	7,115	22,753	14,865
Short-term lease expenses	6,689	12,505	13,572	28,891
Other	30,295	33,660	51,819	70,535
	186,546	189,136	350,777	363,532

8. TAXES OTHER THAN INCOME TAX

	For the three months ended June 30		For the six months ended June 30,	
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)
Rent tax on crude oil export	29,074	(123)	55,583	19,474
Export customs duty	28,828	10,284	49,231	41,247
Mineral extraction tax	21,443	14,546	41,802	33,070
Other taxes	26,256	20,480	50,657	45,689
	105,601	45,187	197,273	139,480

9. TRANSPORTATION AND SELLING EXPENSES

	For the three ended J		For the six months ended June 30,	
	2021	2020	2021	2020
In millions of tenge	(unaudited)	(unaudited)	(unaudited) (unaudited	(unaudited)
Transportation	100,324	94,264	212,701	202,496
Payroll	3,013	2,902	6,017	5,830
Other	8,192	6,670	15,480	14,159
	111,529	103,836	234,198	222,485

10. GENERAL AND ADMINISTRATIVE EXPENSES

	For the three months ended June 30,		For the six months ended June 30,	
	2021	2020	2021	2020
In millions of tenge	(unaudited)	(unaudited)	(unaudited)	(unaudited)
Payroll	16,088	16,513	32,291	34,107
Consulting services	4,472	5,315	8,034	11,012
Accrual of expected credit losses for trade				
receivables	3,171	1,537	3,857	2,153
Maintenance	1,981	1,807	3,555	3,548
Social payments	1,051	1,890	2,338	2,934
Communication	908	1,016	2,136	1,778
VAT that could not be offset	988	1,075	2,025	2,061
Short-term lease expenses	623	604	1,183	1,127
(Reversal)/accrual of expected credit losses for				
other current assets	(33)	1,196	77	1,403
(Reversal)/impairment of VAT receivable	(418)	(61)	(2,075)	490
Other	8,304	6,229	15,323	14,205
	37,135	37,121	68,744	74,818

For the six months ended June 30, 2021, the total payroll amounted to 206,273 million tenge (for the six months ended June 30, 2020: 198,320 million tenge) and is included in production expenses, transportation and selling expenses and general and administrative expenses in the interim consolidated statement of comprehensive income.

11. IMPAIRMENT OF PROPERTY, PLANT AND EQUIPMENT, EXPLORATION AND EVALUATION ASSETS, INTANGIBLE ASSETS, ASSETS CLASSIFIED AS HELD FOR SALE AND EXPLORATION EXPENSES

	For the three ended J		For the six months ended June 30,		
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)	
Impairment charge and reversal					
Property, plant and equipment (Note 14)	(8)	157,497	(14)	202,248	
Assets classified as held for sale	3,788	_	3,788	´ -	
Exploration and evaluation assets	-	1	·	16,389	
Intangible assets	_	6,765	_	6,765	
	3,780	164,263	3,774	225,402	
Exploration expenses					
Brownfields of KMG EP	-	_	19,800	_	
	-	-	19,800	_	
	3,780	164,263	23,574	225,402	

Impairment was recognised for the following cash generating units (CGUs):

	For the three months ended June 30,		For the six months ended June 30,	
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)
CGUs of KMGI	_	159,009	_	159,009
EMG CGU	-	-		60,440
Others	3,780	5,254	3,774	5,953
	3,780	164,263	3,774	225,402

11. IMPAIRMENT OF PROPERTY, PLANT AND EQUIPMENT, EXPLORATION AND EVALUATION ASSETS, INTANGIBLE ASSETS, ASSETS CLASSIFIED AS HELD FOR SALE AND EXPLORATION EXPENSES (continued)

CGUs of KMGI

As of June 30, 2020, KMG International N.V. (further KMGI), the Group subsidiary, performed impairment tests of its CGUs.

As a result of the test performed, KMGI recognised impairment loss of property, plant and equipment and intangible assets of 152,244 million tenge and 6,765 million tenge, respectively.

EMG CGU

As of June 30, 2020, Embamunaigas (EMG), subsidiary of KazMunayGas Exploration Production JSC (KMG EP), carried out an assessment of the recoverable amount of property, plant and equipment and exploration and evaluation assets due to the presence of impairment indicators such as decline in the forecasted oil prices. The result of this assessment indicated that the carrying value of assets exceeded their estimated recoverable amount by 60,440 million tenge, particularly, 44,098 million tenge of property, plant and equipment and 16,342 million tenge of exploration and evaluation assets were impaired in the interim consolidated statement of comprehensive income for the six months ended June 30, 2020.

For the six months ended June 30, 2021, no impairment indicators of property, plant and equipment, intangible assets and exploration and evaluation assets were observed.

Exploration expenses

During the six months ended June 30, 2021, EMG partially reduced the contract area of Taisoigan and wrote off related exploration expenses of 19,800 million tenge.

12. FINANCE INCOME / FINANCE COSTS

Finance income

	For the thre ended J		For the six months ended June 30,		
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)	
Interest income on bank deposits, financial					
assets, loans and bonds	22,194	22,734	41,595	45,666	
Amortization of issued financial guarantees	1,401	1,613	2,787	3,244	
Total interest income	23,595	24,347	44,382	48,910	
Discount on a loan with non-market interest rate					
(Note 19)		_	_	11,002	
Bond redemption gain (Note 19)	_	927	_	927	
Other	944	1,242	1,705	2,692	
	24,539	26,516	46,087	63,531	

12. FINANCE INCOME / FINANCE COSTS (continued)

Finance costs

	For the three n June		For the six months ended June 30,	
In millions of tenge	2021 (unaudited)	2020 (unaudited)	2021 (unaudited)	2020 (unaudited)
Interest expense on loans and bonds	61,805	61,480	120,407	120,004
Interest expense on lease liabilities	1,681	813	3,341	1,678
Total interest expense	63,486	62,293	123,748	121,682
Unwinding of discount on asset retirement obligations, for environmental obligation and	2 504	0.004	0.505	0.000
other provisions	3,524	3,631	6,505	6,690
Unwinding of discount on employee benefits obligations	1,007	929	1,848	1,679
Other	1,153	1,267	5,088	5,143
	69,170	68,120	137,189	135,194

13. INCOME TAX EXPENSES

	For the three n		For the six months ended June 30,		
•	2021	2020	2021	2020	
In millions of tenge	(unaudited)	(unaudited)	(unaudited)	(unaudited)	
Current income tax					
Corporate income tax	51,034	11,213	89,200	33,961	
Excess profit tax	38	(241)	38	(208)	
Withholding tax on dividends and interest income	5,762	2,533	6,005	5,585	
Deferred income tax					
Corporate income tax	2,661	(838)	4,114	(21,156)	
Excess profit tax	(9)	(18)	(11)	3,447	
Withholding tax on dividends	16,450	108	29,851	9,701	
Income tax expenses	75,936	12,757	129,197	31,330	

14. PROPERTY, PLANT AND EQUIPMENT

40.00	Oil and gas	Dinalinas	Refinery	Buildings and improve-	Machinery and	Vehicles	Other	Capital work	Total
In millions of tenge	assets	Pipelines	assets	ments	equipment	verlicles	Outei	in progress	Total
Net book value as at December 31,									
2019 (audited)	1,049,763	803,717	1,381,661	300,655	457,81	97,637	106,286	286,741	4,484,271
Foreign currency translation	29,098	2,243	24,203	3,821	1,920	1,705	3,980	7,054	74,024
Additions	5,004	6,003	490	3,603	2,301	1,679	871	215,153	235,104
Change in estimate	(8,171)	(1,762)	-	4	_	_	_	_	(9,929)
Disposals	(7,021)	(10,019)	(5,543)	(2,344)	(1,962)	(534)	(1,025)	(888)	(29,336)
Depreciation charge	(58,503)	(14,849)	(58,186)	(8,695)	(18,794)	(5,608)	(5,424)	· -	(170,059)
Accumulated depreciation and	• • •	•							
impairment on disposals	5,824	977	5,542	2,563	1,752	413	943	829	18,843
Impairment (Note 11)	(38,612)	(273)	(152,251)	(890)	(488)	(6,185)	(311)	(3,238)	(202,248)
Transfers to assets classified as held									
for sale	_	_	(3)	(3)	(73)	(4)	-	_	(83)
Transfers from/(to) inventory, net	19	(36)	689		1^0	(19)	72	793	1,628
Transfers to intangible assets	-	_	-	_	-	-	(580)	(1,190)	(1,770)
Transfers to investment property	-	_	_	(15,293)		-	-	-	(15,293)
Transfers	41,436	7,772	1,901	15,526	67,475	4,089	3,963	(142,162)	
Net book value as at June 30, 2020									
(unaudited)	1,018,837	793,773	1,198,503	298,947	510,052	93,173	108,775	363,092	4,385,152
At cost	2,110,448	1,033,738	2,469,370	581,869	917,582	234,739	233,233	416,206	7,997,185
Accumulated depreciation and									
impairment	(1,091,611)	(239,965)	(1,270,867)	(282,922)	(407,530)	(141,566)	(124,458)	(53,114)	(3,612,033)
Net book value as at June 30, 2020 (unaudited)	1,018,837	793,773	1,198,503	298,947	510,052	93,173	108,775	363,092	4,385,152
(unauuneu)	1,010,001	193,113	1, 100,000	230,341	010,002	<i>20</i> , 170	100,110	000,002	"7,000, IUZ

14. PROPERTY, PLANT AND EQUIPMENT (continued)

	Oil and gas	Dia dia a	Refinery	Buildings and improve-	Machinery and	Vehicles	Other	Capital work in progress	Total
In millions of tenge	assets	Pipelines	assets	ments	equipment	verncies	Ottes	iii progress	ı Otai
Net book value as at December 31,									
2020 (audited)	1,083,615	808,757	1,171,110	289,702	453,821	84,661	111,947	366,132	4,369,745
Foreign currency translation	8,540	695	4,295	1,095	766	577	1,202	3,570	20,740
Additions	3,942	2,704	2,129	55	27,450	4,274	1,075	118,435	160,064
Change in estimate	(2,729)	(104)	_	(12)	· -	_	· -	•••	(2,845)
Disposals	(15,614)	(6,440)	(35,899)	(586)	(1,481)	(3,893)	(1,647)	(366)	(65,926)
Loss of control over subsidiaries		`	`	(426)	(416)	(221)	(184)	(38)	(1,285)
Depreciation charge	(57,354)	(14,887)	(57,398)	(9,292)	(19,063)	(5,371)	(5,613)	· -	(168,978)
Accumulated depreciation and	• , ,	, , ,	,						
impairment on disposals	13,241	6,134	8,062	520	1,331	3,189	1,493	298	34,268
Reversal/(impairment) (Note 11)	10	_	-	_	10	_	1	(7)	14
Transfers to assets classified as held									
for sale	-	-	(24)	(11,534)	(33,670)	(3,635)	(457)	_	(49,320)
Transfers to intangible assets		-	_	-	-	-	_	(785)	(785)
Transfers from inventory, net	44	1,596	23	1	20	3	76	934	2,697
Transfers from investment property	-		_	791	_		7	-	798
Transfers from exploration and									448
evaluation assets	145	-	_		-		40.004	(400,000)	145
Transfers	45,615	8,281	7,069	3,346	38,633	378	16,901	(120,223)	
Net book value as at June 30, 2021	4 070 455	006 726	4 000 267	273,660	467,401	79,962	124,801	367,950	4,299,332
(unaudited)	1,079,455	806,736	1,099,367	273,000	407,401	19,902	124,001	301,930	4,233,332
	0.000.000	4 070 652	0 504 054	E0E 420	000 000	240.025	262 264	422,620	8,271,755
At cost	2,280,868	1,070,653	2,531,251	585,139	908,028	210,935	262,261	422,020	0,271,795
Accumulated depreciation and	(1,201,413)	(263,917)	(1,431,884)	(311,479)	(440,627)	(130,973)	(137,460)	(54,670)	(3,972,423)
impairment Net book value as at June 30, 2021	(1,201,413)	(200,011)	(1,701,004)	(011,710)	(470,021)	(100,010)	(101,450)	(0-7,010)	(0,0,2,,,,0)
(unaudited)	1,079,455	806,736	1,099,367	273,660	467,401	79,962	124,801	367,950	4,299,332

14. PROPERTY, PLANT AND EQUIPMENT (continued)

Additions

For the six months ended June 30, 2021 additions were mainly attributable to development drilling at Ozenmunaigas, subsidiary of KMG EP, EMG and KMG Karachaganak LLP for the total of 67,314 million tenge, overhaul of main gas pipelines and construction of gas metering stations and rotational camp at KazTransGas JSC (further KTG) for total amount of 23,432 million tenge within the framework of the projects "Bukhara gas-bearing region Tashkent-Bishkek-Almaty" and construction of water pipeline of "Kulsary-Tengiz" for 24,987 million tenge at KazTransOil JSC, and overhauls at Atyrau refinery LLP (further Atyrau refinery) for 5,747 million tenge.

Transfers to assets classified as held for sale

As at June 30, 2021, the Group reclassified to assets held for sale property and equipment of 49,320 million tenge mainly represented by compressor station "Aral" for 40,378 million tenge, self-propelled barges Sunkar and Berkut for 3,755 million tenge and property, plant and equipment of UTTiOS LLP for 5,009 million tenge.

In March 2021, the Group sold compressor station "Korkyt-ata", which was reclassified to assets held for sale in 2020, for the consideration of 42,886 million tenge.

Other

For the six months ended June 30, 2021, the Group capitalized to the carrying amount of property, plant and equipment borrowing costs in amount of 68 million tenge related to the construction of those property, plant and equipment at the average interest rate of 0.15% (for the six months ended June 30, 2020: 1,941 million tenge at the average interest rate of 3.71%) (Note 19).

As at June 30, 2021, the cost of fully depreciated but still in use property, plant and equipment was 376,014 million tenge (as at December 31, 2020: 340,511 million tenge).

As at June 30, 2021, property, plant and equipment with the net book value of 860,015 million tenge (as at December 31, 2020: 910,216 million tenge) were pledged as collateral to secure borrowings and payables of the Group.

Capital commitments are disclosed in Note 23.

15. BANK DEPOSITS

June 30,	December 31,
2021	2020
(unaudited)	(audited)
296,546	324,646
11,722	14,863
(409)	(509)
307,859	339,000
	2021 (unaudited) 296,546 11,722 (409)

As at June 30, 2021, the weighted average interest rate for long-term bank deposits was 1.11% in US dollars and 1.35% in tenge (December 31, 2020: 1.07% in US dollars and 1.58% in tenge).

As at June 30, 2021, the weighted average interest rate for short-term bank deposits was 0.29% in US dollars and 5.92% in tenge (December 31, 2020: 0.40% in US dollars, 3.10% in tenge).

In millions of tenge	June 30, 2021 (unaudited)	December 31, 2020 (audited)
Maturities under 1 year	252,597	282,472
Maturities between 1 and 2 years	192	796
Maturities over 2 years	55,070	55,732
	307,859	339,000

As at June 30, 2021, bank deposits include those pledged as collateral of 55,262 million tenge (December 31, 2020: 56,528 million tenge), which are represented mainly by 46,270 million tenge at restricted bank accounts designated as a liquidation fund per requirements of the subsoil use contracts (December 31, 2020: 44,497 million tenge).

16. INVESTMENTS IN JOINT VENTURES AND ASSOCIATES

			June 3 (unau	•	December (audi	•
In millions of tenge	Main activity	Place of business	Carrying value	Percentage ownership	Carrying value	Percentage ownership
Joint ventures					. 700 007	00.000/
Tengizchevroil LLP	Oil and gas exploration and production	Kazakhstan	3,041,035	20.00%	2,793,887	20.00%
KMG Kashagan B.V.	Oil and gas exploration and production	Kazakhstan	2,325,305	50.00%	2,256,816	50.00%
Asian Gas Pipeline LLP	Construction and operation of the gas pipeline		371,825	50.00%	291,086	50.00%
Beineu-Shymkent Pipeline LLP	Construction and operation of the gas pipeline	Kazakhstan	172,244	50.00%	156,771	50.00%
Mangistau Investments B.V.	Oil and gas development and production	Kazakhstan	169,399	50.00%	142,585	50.00%
KazRosGas LLP	Processing and sale of natural gas and refined gas	Kazakhstan				
	products		87,182	50.00%	76,702	50.00%
Ural Group Limited	Oil and gas exploration and production	Kazakhstan	42,570	50.00%	44,585	50.00%
KazGerMunay LLP	Oil and gas exploration and production	Kazakhstan	30,013	50.00%	32,840	50.00%
Kazakhoil-Aktobe LLP	Production of crude oil	Kazakhstan	19,620	50.00%	20,886	50.00%
Teniz Service LLP	Design, construction and operation of infrastructure		,		•	
TOTAL COLUMN	facilities, offshore oil operations support	Kazakhstan	16,887	48.996%	20,473	48.996%
Valsera Holdings B.V.	Oil refining	Kazakhstan	6,804	50.00%	2,253	50,00%
Other	<i>- 1.751</i>		50,135		43,498	
Culci			2.,		,	
Associates						
Caspian Pipeline Consortium	Transportation of liquid hydrocarbons	Kazakhstan/Russia	452,113	20.75%	478,134	20.75%
PetroKazakhstan Inc.	Exploration, production and processing of oil and gas	Kazakhstan	84,955	33.00%	78,636	33.00%
Other			35,347		31,869	
		***************************************	6,905,434		6,471,021	

16. INVESTMENTS IN JOINT VENTURES AND ASSOCIATES (continued)

All of the above joint ventures and associates are strategic for the Group's business.

As of June 30, 2021, the Group's share in unrecognised losses of joint ventures and associates was equal to 1,769 million tenge (as of December 31, 2020: 19,038 million tenge).

The following table summarizes the movements in the investments during the six months ended June 30, 2021 and 2020:

In millions of tenge	2021	2020
On January 1 (audited)	6,471,021	5,590,384
Share in profits of joint ventures and associates, net (Note 5)	481,224	224,280
Dividends received	(121,620)	(16,140)
Change in dividends receivable	(25,611)	(2,113)
Other changes in the equity of the joint venture	2,020	547
Additional contributions without change in ownership	1,926	789
Impairment of investments	_	(38,000)
Foreign currency translation	96,474	279,894
On June 30 (unaudited)	6,905,434	6,039,641

On October 16, 2015, the Group sold 50% of its shares in KMG Kashagan B.V. to Samruk-Kazyna with a right to buy back all or part of the shares (further "Option") effective from January 1, 2018 to December 31, 2020. On December 20, 2017, the exercise period for the Option was changed to January 1, 2020 and December 31, 2022. As of June 30, 2021 and December 31, 2020, the fair value of the Option was close to nil.

The Amsterdam Court imposed certain restrictions on 50% of shares in KMG Kashagan B.V. owned by Samruk-Kazyna (further "Restrictions"). During the Restrictions period, these shares of KMG Kashagan B.V. cannot be sold, transferred or pledged. As of June 30, 2021 and December 31, 2020, the Restrictions remained in force and control over the asset was not transferred to the Group.

17. TRADE ACCOUNTS RECEIVABLE AND OTHER CURRENT FINANCIAL AND NON-FINANCIAL ASSETS

	June 30,	December 31,
In williams of torgo	2021 (unaudited)	2020 (audited)
In millions of tenge	(unaddited)	(addited)
Trade accounts receivable		
Trade accounts receivable	596,560	455,321
Less: allowance for expected credit losses	(35,216)	(32,500)
	561,344	422,821
Other current financial assets		
Other receivables	101,481	90,904
Reservation of cash for payment of borrowings	32,799	_
Dividends receivable	20,495	2,913
Less: allowance for expected credit losses	(37,156)	(36,746)
	117,619	57,071
Other current non-financial assets		
Advances paid and prepaid expenses	70,202	45,497
Taxes receivable, other than VAT	24,699	35,003
Other	7,686	11,867
Less: impairment allowance	(3,509)	(3,546)
	99,078	88,821
Total other current assets	216,697	145,892

As at June 30, 2021 and December 31, 2020 the above assets were non-interest bearing.

As at June 30, 2021 trade accounts receivable of 218,647 million tenge are pledged as collateral for obligations of the Group (December 31, 2020: 155,998 million tenge).

17. TRADE ACCOUNTS RECEIVABLE AND OTHER CURRENT FINANCIAL AND NON-FINANCIAL ASSETS (continued)

As at June 30, 2021, the Group made reservation of cash in amount of 32,799 million tenge for repayment of loan from The Export-Import Bank of China, including interest accrued. Cash paid in June 2021 will be used to repay the loan, including interest accrued from The Export-Import Bank of China in July 2021 in accordance with the payment schedule.

Trade accounts receivable is denominated in the following currencies as of June 30, 2021 and December 31, 2020:

	June, 30	December, 31
	2021	2020
In millions of tenge	(unaudited)	(audited)
US dollars	356,435	235,099
Tenge	117,831	123,824
Romanian Leu	74,774	57,637
Еиго	9,591	6,059
Other currency	2,713	202
	561,344	422,821

Set out below is the information about credit risk exposure on the Group's trade receivables using a provision matrix:

	Days past due					
In millions of tenge	current	<30 days	30-60 days	61-90 days	>91 days	Total
June 30, 2021						
Expected credit loss rate	0.23%	3.72%	8.60%	5.88%	82.31%	
Trade accounts receivable	537,573	10,682	4,113	4,088	40,104	596,560
Expected credit loss	(1,215)	(398)	(354)	(240)	(33,009)	(35,216)

			Days past due			
In millions of tenge	current	<30 days	30-60 days	61-90 days	>91 days	Total
December 31, 2020 Expected credit loss rate Trade accounts receivable Expected credit loss	0.18% 398,752 (733)	2.94% 12,361 (363)	2.66% 2,844 (76)	4.34% 2,845 (124)	81.01% 38,519 (31,204)	455,321 (32,500)

18. CASH AND CASH EQUIVALENTS

In millions of tenge	June 30, 2021 (unaudited)	December 31, 2020 (audited)
Tdit-with health IIC dellars	F24 404	40E 440
Term deposits with banks – US dollars	531,191	435,119
Term deposits with banks – tenge	265,910	163,820
Term deposits with banks – other currencies	32,199	54,800
Current accounts with banks – US dollars	366,083	397,774
Current accounts with banks - tenge	93,971	75,369
Current accounts with banks - other currencies	11,809	10,370
Cash in transit	142,556	7,508
Cash-on-hand and cheques	1,351	1,138
Less: allowance for expected credit losses	(126)	(34)
	1,444,944	1,145,864

Term deposits with banks are made for various periods of between one day and three months, depending on the immediate cash requirements of the Group.

As at June 30, 2021, the weighted average interest rate for term deposits with banks was 0.25% in US dollars, 8.10% in tenge and 0.01% in other currencies, respectively (December 31, 2020: 0.37% in US dollars, 7.74% in tenge and 1.44% in other currencies, respectively).

As at June 30, 2021 and December 31, 2020, cash and cash equivalents were not pledged as collateral for obligations of the Group.

19. BORROWIN	NGS
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In millions of tenge	June, 30 2021 (unaudited)	December, 31 2020 (audited)
Fixed interest rate borrowings	3,389,177	3,394,958
Weighted average interest rates	5.58%	5.50%
Floating interest rate borrowings	731,007	683,490
Weighted average interest rates	4.35%	4.38%
	4,120,184	4,078,448

As at June 30, 2021 and as at December 31, 2020, Borrowings are denominated in the following currencies:

	June, 30	December, 31
	2021	2020
In millions of tenge	(unaudited)	(audited)
US dollar	3,657,786	3,669,668
Tenge	352,802	318,034
Russian ruble	88,861	85,223
Euro	9,515	2,319
Other currencies	11,220	3,204
	4,120,184	4,078,448

In millions of tenge	June, 30 2021 (unaudited)	December, 31 2020 (audited)
Current portion	467,769	361,556
Non-current portion	3,652,415	3,716,892
	4,120,184	4,078,448

As at June 30, 2021 and as at December 31, 2020, the bonds comprised:

In millions of tenge	Issuance amount	Redemption date	Interest	June, 30 2021 (unaudited)	December, 31 2020 (audited)
Bonds					
Bonds LSE 2020	750 million USD	2033	3.50%	322,762	317,474
AIX 2019	56 billion KZT	2024	5.00%	39,380	45,192
Bonds LSE 2018	1,5 billion USD	2048	6.375%	633,041	631,832
Bonds LSE 2018	1.25 billion USD	2030	5.375%	534,967	530,776
Bonds LSE 2018	0.5 billion USD	2025	4.75%	214,641	212,117
Bonds LSE 2017	1,25 billion USD	2047	5.75%	517,639	516,505
Bonds LSE 2017	1 billion USD	2027	4.75%	423,984	419,390
Bonds ISE 2017	750 million USD	2027	4.375%	304,965	299,934
Other	_		_	4,633	4,593
Total				2,996,012	2,977,813

19. BORROWINGS (continued)

As at June 30, 2021 and December 31, 2020, the loans comprised:

	Issuance	Redemption		June, 30 2021	December, 31 2020
In millions of tongo	amount	date	Interest	(unaudited)	(audited)
In millions of tenge	amount	uaic	merest	(unaddited)	(addited)
Loans	4 42 billion HOD	2026	GM 1 ibon + 4 400/	266 422	207 207
The Export-Import Bank of China (Eximbank)	1.13 billion USD	2026	6M Libor + 4.10%	266,122	287,387
Development bank of Kazakhstan JSC (DBK)	230 billion KZT	2022-2030	7.00% - 13.67%	161,107	166,377
The Syndicate of banks	435 million USD1	2021-2023	1M Libor + 2.75%, 1M Libor + 2.50%,		
(Unicredit Tiriac Bank, ING Bank, BCR, Raiffeisen Bank)			ON Libor + 2.50%, 1M Robor + 2.00%		
			1W Libor + 2.50%, 1W Euribor + 2.50%, 1M Euribor + 2.50%,		
			ON Euribor + 2.50%	146,389	118,228
			Key Rate of Central Bank of	140,503	110,220
VTB Bank Kazakhstan and VTB Bank (PJSC)	15 billion RUB	2023	Russia Federation + 2.15%	88,861	85,223
Halyk bank JSC (Halyk bank)	54 billion KZT	2025	11.00%	56,228	-
Japan Bank for International Cooperation	297.5 million USD	2025	2.19% + CIRR	55,017	60,098
·	100 million USD ²	2023	5.00%	42,834	42,145
Halyk bank	843.6 million USD	2023-2025	10.99%	•	
DBK				40,930	107,318
Halyk bank	41 billion KZT	2024	11.00%	37,049	41,207
Bank of Tokyo-Mitsubishi UFJ, Ltd (London Branch)	150 million USD	2021	COF (0.15%) + 1.70%	36,939	38,215
European Bank for Reconstruction and Development (EBRD)	68 billion KZT	2026	3M CPI + 50 basis points + 2.15%	30,736	33,786
ING Bank NV	250 million USD	2021	COF (0.20%) + 2.00%	24,920	35,029
Banque de Commerce et de Plasements	110 million USD	2022	COF (0.89%) + 1.50%	22,617	3,651
EBRD	36 billion KZT	2026	6M CPI + 100 basis points + 2.15%	22,120	24,278
Cargill	50 million USD	2022	3M LIBOR + 2.60%	21,490	-
Credit Agricole	250 million USD	2021	COF (0.26%) + 2.00%	17,289	14,862
Natixis	250 million USD	2022	COF (0.42%) + 2.00%	12,870	11,723
Sberbank	50 million USD	2021	COF (0.97%) + 1.50%	10,329	1,871
Other			<u> </u>	30,325	29,237
Total				1,124,172	1,100,635

¹ 75 million USD with revolving credit facility.

² Revolving credit facility.

19. BORROWINGS (continued)

During the six months ended June 30, 2021, Atyrau Refinery LLP (Atyrau Refinery) made partial repayment of the loan from Eximbank for 79 million US dollars (equivalent to 33,039 million tenge), including accrued interest.

During the six months ended June 30, 2021, KMG International N.V. received Syndicated loan used to finance its working capital for the total amount of 63 million US dollars (equivalent to 26,960 million tenge) and made partial repayment for 10 million US dollars (equivalent to 4,406 million tenge), including accrued interest.

During the six months ended June 30, 2021, Atyrau Refinery made full repayment of the loans from DBK for 142 million US dollars (equivalent to 59,507 million tenge), including accrued interest.

During the six months ended June 30, 2021, KMG International N.V. received short-term loans to finance working capital from Banque de Commerce et de Plasements at the rate of COF (0.89%) + 1.50% for 44 million US dollars (equivalent to 18,744 million tenge).

During the six months ended June 30, 2021, KMG International N.V. received a short-term loans to finance working capital from Cargill at the rate of 3M Libor + 2.60% for 50 million US dollars (equivalent to 20,997 million tenge).

During the six months ended June 30, 2021, Atyrau Refinery received a long-term loan from Halyk bank in the total amount of 53,627 million tenge with 11% interest rate to refinance its existing loans.

19. BORROWINGS (continued)

Changes in liabilities arising from financing activities for the six months ended June 30:

		2021				2020		
In millions of tenge	Short-term loans	Long-term loans	Bonds	Total	Short-term loans	Long-term loans	Bonds	Total
On January 1 (audited)	184,370	916,265	2,977,813	4,078,448	70,843	974,937	2,791,724	3,837,504
Received in cash	110,159	55,774	_	165,933	72,749	52,101	_	124,850
Repayment of principal in	,	,		·	•			
cash	(46,300)	(115,233)	(6,287)	(167,820)	(28,914)	(128,796)	(23,488)	(181,198)
Interest accrued	4,654	32,743	80,879	118,276	3,089	35,185	79,635	117,909
Interest paid	(4,532)	(27,141)	(106,340)	(138,013)	(3,149)	(34,351)	(82,447)	(119,947)
Interest capitalized (Note 14)	`	68		68		1,941		1,941
Discount (Note 12)	_		-	-	_	(11,002)	-	(11,002)
Bond redemption gain								
(Note 12)	_	_	-		-	-	(927)	(927)
Foreign currency								
translation	2,845	1,715	43,956	48,516	1,495	5,112	138,183	144,790
Foreign exchange loss	472	8,573	5,991	15,036	2,291	29,464	21,898	53,653
Other		(260)		(260)	_	(280)	<u></u>	(280)
On June 30 (unaudited)	251,668	872,504	2,996,012	4,120,184	^18,404	924,311	2,924,578	3,967,293
Current portion	251,668	171,423	44,678	467,769	^18,404	219,257	43,010	380,671
Non-current portion		701,081	2,951,334	3,652,415	****	705,054	2,881,568	3,586,622

Covenants

The Group is required to comply with the financial and non-financial covenants under the terms of loan agreements. On June 16, 2021, the Company received a consent of the holders of Eurobonds with maturities in 2025, 2027, 2030, 2047, 2048 to bring the terms of these issues in line with the terms of the issue of KMG Eurobonds in 2020. As of June 30, 2021 and December 31, 2020 the Group complied with all financial and non-financial covenants.

Hedge of net investment in the foreign operations

As at June 30, 2021, certain borrowings denominated in foreign currency were designated as hedge instrument for the net investment in the foreign operations. These borrowings are being used to hedge the Group's exposure to the US dollar foreign exchange risk on these investments. For the six months ended June 30, 2021, loss of 43,956 million tenge (for the six months ended, June 30, 2020: loss of 138,183 million tenge) on the translation of these borrowings were transferred to other comprehensive income and offset against translation gains of the net investments in foreign operations.

19. BORROWINGS (continued)

Hedge of net investment in the foreign operations (continued)

There is an economic relationship between the hedged item and the hedging instrument as the net investment creates a translation risk that will match the foreign exchange risk on the US dollars borrowings. The Group has established a hedge ratio of 1:1 as the underlying risk of the hedging instrument is identical to the hedged risk component. The hedge ineffectiveness will arise when the amount of the investment in the foreign subsidiary becomes lower than the amount of the fixed rate borrowings. As at June 30, 2021, and December 31, 2020, there was no ineffective portion of the hedge.

20. TRADE ACCOUNTS PAYABLE AND OTHER FINANCIAL AND NON-FINANCIAL LIABILITIES

	June, 30	December, 31
	2021	2020
In millions of tenge	(unaudited)	(audited)
Trade accounts payable	525,939	536,922
Other financial liabilities		
Due to employees	48,877	54,741
Financial guarantees	12,388	14,910
Dividends payable	6,101	195
Other	46,725	49,454
	114,091	119,403
Current portion	88,172	86,440
Non-current portion	25,919	32,963
Other non-financial liabilities		
Contract liabilities	148,263	118,537
Other	34,568	39,315
	182,831	157,852
Current portion	128,747	129,021
Non-current portion	54,084	28,831
Total other financial and non-financial liabilities	296,922	277,255
Current portion	216,919	215,461
Non-current portion	80,003	61,794

As of June 30, 2021 and December 31, 2020, trade accounts payable were denominated in the following currencies:

In millions of tenge	June, 30 2021 (unaudited)	December, 31 2020 (audited)
US dollars	304,907	221,097
Tenge	174,260	249,108
Romanian Leu	37,929	44,457
Euro	4,618	6,558
Other currency	4,225	15,702
	525,939	536,922

As at June 30, 2021 and December 31, 2020, trade accounts payable and other financial liabilities were not interest bearing.

21. RELATED PARTY DISCLOSURES

Terms and conditions of transactions with related parties

Related party transactions were made on terms agreed between the parties that may not necessarily be at market rates, except for certain regulated services, which are provided based on the tariffs available to related and third parties. Outstanding balances are mainly unsecured and interest free and settlement occurs in cash, except as indicated below. The Group recognises allowances for expected credit losses on amounts owed by related parties.

On March 11, 2021, the Company and Samruk-Kazyna entered into a trust management agreement with respect to 100% common shares of KTG, this will enable Samruk-Kazyna to be involved more actively in managing KTG to provide support on strategic issues related to its development. According to the trust management agreement, KMG retained full control over KTG due to substantive rights held to remove Samruk-Kazyna.

Transactions balances

The following table provides the balances of transactions with related parties as at June 30, 2021 and December 31, 2020:

In millions of tenge	As at	Due from related parties	Due to related parties	Cash and deposits placed with related parties	Borrowings payable to related parties
0	l 20, 2024				
Samruk-Kazyna entities	June 30, 2021	422.005	24.440		20.200
	(unaudited)	433,085	34,446		39,380
	December 31, 2020	400.070	E 004		45 400
	(audited)	402,272	5,921	_	45,192
Associates	June 30, 2021				
	(unaudited)	25,258	3,945	-	_
	December 31, 2020				
	(audited)	4,345	3,541	-	_
Other state-controlled	June 30, 2021				
parties	(unaudited)	5,098	4,976	85,922	202,037
	December 31, 2020				
	(audited)	4,116	113	126,443	273,695
Joint ventures	June 30, 2021				
	(unaudited)	363,250	267,528	-	
	December 31, 2020				
	(audited)	357,832	246,555		_

Due from/to related parties

Samruk-Kazyna entities

As at June 30, 2021, the increase in due from Samruk-Kazyna entities is mainly due to the additional financial aid provided to Samruk-Kazyna and the amortization of the discount on it in the amount of 21,442 million tenge and 16,524 million tenge, respectively.

As at June 30, 2021, the increase in due to Samruk-Kazyna entities is mainly due to conclusion of a contract by Intergas Central Asia, subsidiary of KazTransGas JSC, for pipeline lease for 32,632 million tenge.

Cash and deposits placed with related parties

Other state-controlled parties

As at June 30, 2021, the decrease of cash and deposits placed with the related party is mainly due to partial withdrawal of deposits for 100 million US dollars (equivalent to 42,422 million tenge as of the withdrawal date).

21. RELATED PARTY DISCLOSURES (continued)

Borrowings payable to related parties

Other state-controlled parties

As at June 30, 2021, decrease in borrowings to the related parties is mainly due to partial repayment of loans from DBK in the total amount of 82,567 million tenge, including interest.

Transactions turnover

The following table provides the total amount of transactions, which have been entered into with related parties during the six months ended June 30, 2021 and 2020:

In millions of tenge	As at June 30,	Sales to related parties	Purchases from related parties	Interest earned from related parties	Interest incurred to related parties
Samruk-Kazyna entities	2021 (unaudited)	10,096	7,338	17,345	975
	2020 (unaudited)	6,631	12,330	14,165	1,174
Associates	2021 (unaudited)	43,735	17,377	4,501	_
	2020 (unaudited)	12,045	14,329	2,205	-
Other state-controlled parties	2021 (unaudited)	17,827	6,975	162	11,695
•	2020 (unaudited)	20,318	10,046	11,791	13,458
Joint ventures	2021 (unaudited)	196,296	819,354	12,123	354
	2020 (unaudited)	146,499	548,577	15,863	230

Key management employee compensation

Total compensation to key management personnel (members of the Boards of directors and Management boards of the Group) included in general and administrative expenses in the accompanying interim consolidated statement of the comprehensive income was equal to 3,189 million tenge and 3,551 million tenge, respectively, for the six months ended June 30, 2021 and 2020, respectively. Compensation to key management personnel mainly consists of contractual salary and performance bonus based on operating results.

22. FINANCIAL RISK MANAGEMENT, OBJECTIVES AND POLICIES

Fair values of financial instruments and investment property

The carrying amount of the Group financial instruments and investment property as at June 30, 2021 and December 31, 2020 are reasonable approximation of their fair value, except for the financial instruments disclosed below:

	June 30, 2021 (unaudited)			December 31, 2020 (audited)						
	Carrying	Fair	by lev	Fair value el of assess	ment	Carrying	Fair	by lev	Fair value el of assessr	ment
In millions of tenge	amount	value	Level 1	Level 2	Level 3	amount	value	Level 1	Level 2	Level 3
Bonds receivable from Samruk-Kazyna Loans given to related parties at amortised cost,	17,521	15,784	_	15,784	-	17,265	16,916	-	16,916	_
lease receivables from joint venture	595,204	614,013	_	411,936	202,077	557,116	538,063	_	372,823	165,240
Fixed interest rate borrowings	3,389,177	4,016,224	3,579,623	436,601	_	3,394,958	4,103,404	3,640,931	462,473	_
Floating interest rate borrowings	731,007	746,675	_	746,675		683,490	699,509	_	699,509	_
Financial guarantee issued	12,388	13,045	_	_	13,045	14,910	15,464	_	_	15,464

23. CONTINGENT LIABILITIES AND COMMITMENTS (continued)

Commitments under subsoil use contracts

As at June 30, 2021, the Group had the following commitments related to minimal working program in accordance with terms of licenses, production sharing agreements and subsoil use contracts, signed with the Government, including its share in joint ventures and associate:

In millions of tenge	Capital expenditures	Operational expenditures
Year		
2021	170,465	19,254
2022	110,032	4,064
2023	18,580	3,999
2024	8,981	4,019
2025-2048	5,469	22,714
Total	313,527	54,050

Oil supply commitments

As of June 30, 2021, the Group had commitments under the oil supply agreements in the total amount of 4.7 million ton (as of December 31, 2020: 8.2 million ton), including its share in joint venture commitments.

Other contractual commitments

As of June 30, 2021, the Group, including its share in joint ventures commitments, had other capital commitments of approximately 209,309 million tenge (as of December 31, 2020: 196,531 million tenge), related to acquisition and construction of long-lived assets.

As of June 30, 2021, the Group had commitments of 256,975 million tenge (as of December 31, 2020: 232,136 million tenge) under the investment programs approved by the joint order of Ministry of Energy of RK and Committee on Regulation of Natural Monopolies and Protection of Competition of the Ministry of National Economy of RK to facilitate production units.

Legal issues and claims

The civil litigation at KMG International N.V. (further - KMGI)

Faber Invest & Trade Inc. (further – Faber), the non-controlling shareholder of KMGI subsidiaries, resumed several previous civil filings in 2020, one of which challenged the increase in the Rompetrol Rafinare Constanta, the KMGI subsidiary, share capital of 2003-2005. The hearings have been held periodically, but, no final decisions were made. On July 13, 2021, the court rejected the complaint of Faber. However, Faber appealed against this decision. Next hearings are scheduled to autumn 2021.

The Group believes that its position with regard to the new Faber filing will be sustained similar to the matters resolved in 2020 in favor of the Group, and as such, the Group did not recognize any provisions as of June 30, 2021.

Settlement of the arbitration between KTG and the partners of the North Caspian project on gas price calculus from the Kashagan field.

On February 19, 2021, a decision was issued by the arbitration court on the claim of KTG against the partners of the North Caspian project on gas price calculation for the Kashagan field (further – Decision). The Decision was issued in favor of KTG. For the six months ended June 30, 2021 the parties reached an agreement on the recalculation of contract price.

As of June 30, 2021, in accordance with the Decision, KTG received the payment from the partners of the North Caspian project in total amount of 134,750 million tenge including VAT (equivalent to 315 million US Dollars). The Group adjusted the cost of purchased gas for resale for 102,328 million tenge (equivalent to 240 million US dollars) and recognised fines and penalties and reimbursement of arbitration disputes in total amount of 14,289 million tenge (equivalent to 33 million US dollars) as other operating income.

24. SEGMENT REPORTING

The Group's operating segments have their own structure and management according to the type of the produced goods and services provided. Moreover, all segments are strategic directions of the business which offer different types of the goods and services in different markets. The functions have been defined as the operating segments of the Group because they are segments a) that engages in business activities from which revenues are generated and expenses incurred; b) whose operating results are regularly reviewed by the Group's chief operating decision makers to make decisions.

The Group's activity consists of four main operating segments: exploration and production of oil and gas, oil transportation, gas trading and transportation, refining and trading of crude oil and refined products. The Group presents the Company's activities separately in Corporate segment, since the Company performs not only the functions of the parent company, but also carries out operational activities. The remaining operating segments have been aggregated and presented as other operating segment due to their insignificance.

Disaggregation of revenue by types of goods and services is presented in *Note 4* of this interim consolidated condensed financial statements.

For the six months ended June 30, 2021 disaggregated revenue type Sales of crude oil and gas and Sales of refined products mainly represents sales made by the following operating segments:

	Type of products and services For the six months ended June 30,					
	20	021	2020 (unaudited)			
	(unai	udited)				
	Sales of crude	Sales of refined	Sales of crude	Sales of refined		
(in millions of tenge)	oil and gas	products	oil and gas	products		
Segments						
Gas trading and transportation	368,136	_	432,973			
Refining and trading of crude oil and refined						
products	1,382,482	720,016	840,577	442,576		
Corporate	-	249,384	_	165,462		
Exploration and production of oil and gas	-	1,660	-	2,190		
Other	-	5,092	_	5,501		
	1,750,618	976,152	1,273,550	615,729		

Segment performance is evaluated based on revenues, net profit and EBITDA, which are measure on the same basis as in the interim condensed consolidated financial statements.

EBITDA is a supplemental non-IFRS financial measure used by management to evaluate segments performance, and is defined as earnings before depreciation, depletion and amortization, finance income and expense, income tax expense.

EBITDA, % is calculated as EBITDA of each reporting segment divided by the total EBITDA.

Eliminations and adjustments represent the exclusion of intra-group turnovers. Inter-segment transactions were made on terms agreed to between the segments that may not necessarily comply with market rates, except for certain regulated services, which are provided based on the tariffs available to related and third parties.

Geographic information

The Group's property, plant and equipment are located in the following countries:

	June, 30	December, 31
	2021	2020
In millions of tenge	(unaudited)	(audited)
Kazakhstan	3,671,212	3,730,070
Other countries	628,120	639,675
	4,299,332	4,369,745

24. SEGMENT REPORTING (continued)

The following represents information about profit or loss, and assets and liabilities of operating segments of the Group as of June 30, 2021 and for the period then ended:

• •	•		_					
	Exploration and production	Oil	Gas trading and	Refining and trading of crude oil and refined			Eliminations and	
In millions of tenge	of oil and gas	transportation	transportation	products	Corporate	Other	adjustments	Total
Revenues from sales to external customers	3,276	98,917	450,092	2,263,000	249,495	57,339	_	3,122,119
Revenues from sales to other segments	572,263	38,620	615	75,376	19,282	39,734	(745,890)	
Total revenue	575,539	137,537	450,707	2,338,376	268,777	97,073	(745,890)	3,122,119
Cost of purchased oil, gas, petroleum								
products and other materials	(14,210)	(6,346)	(68,991)	(2,042,997)	(113,700)	(13,311)	570,577	(1,688,978)
Production expenses	(147,441)	(50,876)	(38,053)	(86,349)	(79,228)	(72,571)	123,741	(350,777)
Taxes other than income tax	(153,669)	(6,281)	(7,355)	(7,245)	(19,185)	(3,538)	=	(197,273)
Transportation and selling expenses	(52,555)	(3,676)	(168,646)	(32,238)	(5,005)	(10)	27,932	(234,198)
General and administrative expenses	(13,467)	(9,523)	(12,063)	(16,006)	(7,834)	(9,722)	(129)	(68,744)
Share in profit of joint ventures and	004.000	47.440	400 000	6.025		(2,202)		481,224
associates, net	264,038 458,235	47,140 107,975	166,223 321,822	159,566	43.825	(4,281)	(23,769)	1,063,373
EBITDA */	458,235	107,979		•	45,623	0%	(2%)	1,000,010
EBITDA, %	4370	10 /0	5 30 70	1076	770	070	(2.70)	
Depreciation, depletion and amortization	(62,456)	(20,416)	(37,313)	(70,527)	(1,541)	(5,141)	_	(197,394)
Finance income	32,815	2,482	11,443	3,283	84,385	4,261	(92,582)	46,087
Finance costs	(9,670)	(2,522)	(21,365)	(40,647)	(103,274)	(2,392)	42,681	(137,189)
Impairment of property, plant and equipment, exploration and evaluation assets and		·						
assets classified as held for sale	3	•••	-	-	-	(3,777)	-	(3,774)
Exploration expenses	(19,800)	***	-	-		-	-	(19,800)
Income tax expenses	(77,295)	(9,110)	(23,112)	(12,893)	(6,023)	(764)	-	(129,197)
Net profit for the period	315,409	10,965	262,917	39,372	99,480	(12,628)	(71,082)	644,433
Other segment information								
Investments in joint ventures and associates	5,713,726	496,613	632,554	42,154	-	20,387	-	6,905,434
Capital expenditures	72,537	40,676	29,772	11,607	4,561	7,352	-	166,505
Allowances for obsolete inventories, expected credit losses on trade receivables, loans and receivables from related parties, other current financial assets and impairment of other current								
non-financial assets	(4,763)	(9,860)	(7,873)	(46,594)	(25,986)	(10,005)		(105,081)
Assets of the segment	8,325,723	1,153,547	2,628,946	2,802,925	1,317,774	263,418	(1,030,740)	15,461,593
Liabilities of the segment	859,677	198,044	880,371	1,794,014	3,320,641	105,598	(996,779)	6,161,566

24. SEGMENT REPORTING (continued)

The following table represents information about profit or loss for the six months ended June 30, 2020, and assets and liabilities of operating segments of the Group as of December 31, 2020:

	Exploration and production	Oil	Gas trading and	Refining and trading of crude oil and refined	O a was a waster	Other	Eliminations and	T-4-1
In millions of tenge	of oil and gas	transportation	transportation	products	Corporate	Other	adjustments	Total
Revenues from sales to external customers	3,946	114,456	504,439	1,412,125	165,462	53,667	_	2,254,095
Revenues from sales to other segments	413,198	57,514	566	166,851	25,353	37,236	(700,718)	_
Total revenue	417,144	171,970	505,005	1,578,976	190,815	90,903	(700,718)	2,254,095
Cost of purchased oil, gas, petroleum	/4 & 4 4 7 \	(e 0E7)	(203,893)	(1,321,346)	(99,125)	(12,872)	531,820	(1,125,890)
products and other materials	(14,417)	(6,057)	, , ,		(67,324)	(66.830)	131,666	(363,532)
Production expenses	(150,271)	(61,956)	(36,380)	(112,437)	(12,342)	(3,524)	131,000 86	• • • •
Taxes other than income tax	(102,505)	(6,498)	(7,804) (154,344)	(6,893) (27,701)	(4,021)	, , ,	33,184	(139,480)
Transportation and selling expenses	(62,579)	(7,013)	, , ,	, , ,		(11)	,	(222,485)
General and administrative expenses Share in profit of joint ventures and	(15,073)	(5,475)	(11,414)	(19,011)	(13,609)	(12,809)	2,573	(74,818)
associates, net	76,297	45,409	102,234	(1,887)	-	2,227	_	224,280
EBITDA	148,596	130,380	193,404	89,701	(5,606)	(2,916)	(1,389)	552,170
EBITDA, %	27%	24%	35%	16%	(1%)	(1%)	0%	
Depreciation, depletion and amortization	(62,451)	(19,580)	(21,927)	(70,262)	(1,516)	(4,483)	_	(180,219)
Finance income	57,301	2,170	10.625	15,301	48,321	6,030	(76,217)	63,531
Finance costs	(8,717)	(3,126)	(16,121)	(45,948)	(126, 117)	(5,120)	69,955	(135,194)
Impairment of property, plant and equipment, exploration and evaluation assets and		· · · · · ·	, , ,	, , ,	, , ,		•	, , ,
assets classified as held for sale Impairment of investments in joint venture	(61,067)	(4,986)	-	(159,008)	(46)	(295)	-	(225,402)
and associate	(38,000)	•	_	_	_	_	_	(38,000)
Income tax expenses	(19,581)	(12,764)	(13,728)	21,647	(5,612)	(1,292)	_	(31,330)
Net profit for the period	28,180	95,333	150,374	(189,632)	(41,708)	(15,285)	(6,558)	20,704
Other segment information								
Investments in joint ventures and associates	5,371,371	515,025	525,626	34,122	-	24,877		6,471,021
Capital expenditures	79,747	12,218	86,982	50,965	5,069	8,461		243,442
Allowances for obsolete inventories, expected credit losses on trade receivables, loans and receivables from related parties, other current financial		7	,	,	-,	-,		2.0,1.12
assets and impairment of other current	44.45=5	/A .==	(7.040)	40.446	(05.444)	(0.054)		(00.000)
non-financial assets	(4,495)	(6,457)	(7,240)	(46,112)	(25,141)	(9,254)		(98,699)
Assets of the segment	7,827,588	1,189,807	2,405,880	2,654,458	1,302,283	281,039	(1,007,768)	14,653,287
Liabilities of the segment	814,551	198,810	921,668	1,704,835	3,269,893	105,549	(998,698)	6,016,608

25. SUBSEQUENT EVENTS

Dividends, received and paid

On August 3, 2021, the Company paid dividends to National Bank of RK of 4,787 million tenge.

In July and August 2021 the Company received dividends from Kazakhstan - China Pipeline LLP, KazGerMunay LLP, Caspian Pipeline Consortium and Mangistau Investments B.V. of 1,800 million tenge, 4,245 million tenge, 28 million US dollars (equivalent to 11,978 million tenge) and 36 million US dollars (equivalent to 15,427 million tenge), respectively.

Incident at the Petromidia Refinery (further - Petromidia)

On July 2, 2021, an incident led to fire occurred at the Petromidia, subsidiary of KMG International N.V. Incident resulted in temporarily stoppage of the Refinery production until facilities damaged are recovered. KMG International N.V. conducts assessments to estimate the incident consequences and necessary period for recovery and safe resumption of Refinery production.