For the three and six months ended June 30, 2022

1. GENERAL

Joint stock company "National Company "KazMunayGas" (further the Company, JSC NC "KazMunayGas" or Parent Company) is oil and gas enterprise of the Republic of Kazakhstan (further 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 RK 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, 2022, the Company has interest in 60 operating companies (as of December 31, 2021: 60) (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 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 12, 2022.

2. BASIS OF PREPARATION

The interim condensed consolidated financial statements for the three and six months ended June 30, 2022 have been prepared in accordance with IAS 34 *Interim Financial Reporting* issued by the International Accounting Standards Board. 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, 2021.

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 (further the functional currency). The interim condensed consolidated financial statements are presented in Kazakhstan tenge (further 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 recognized 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 recognized 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 recognized 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.

Group Companies

The results and financial position of all of the Group's subsidiaries, joint ventures and associates 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 recognized as a separate component of other comprehensive income.

Exchange rates

Weighted average currency exchange rates established by the Kazakhstan Stock Exchange (further KASE) are used as official currency exchange rates in the RK. The currency exchange rate of KASE as at June 30, 2022 and December 31, 2021 were 470.34 and 431.80 tenge to 1 United States dollar (further US dollar), respectively. These rates were used to translate monetary assets and liabilities denominated in US dollar as at June 30, 2022 and December 31, 2021. The weighted average rate for six months ended June 30, 2022 was 450.06 tenge to 1 US dollar (for the six months ended June 30, 2021: 424.22 tenge to 1 US dollar). The currency exchange rate of KASE as at August 12, 2022 was 476.01 tenge to 1 US dollar. For the six months ended June 30, 2022, the Group had net foreign exchange loss of KZT 39,920 million due to fluctuations in foreign exchange rates to tenge.

Renegotiation of loans in the context of IBOR reform

In the context of IBOR reform, some financial instruments have already been amended or will be amended as they transition from IBORs to risk free rates (further RFR). In addition to the interest rate of a financial instrument changing, there may be other changes made to the terms of the financial instrument at the time of transition. For financial instruments measured at amortised cost, the Group first applies 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.

Second, for any changes not covered by the practical expedient, the Group applies judgement to assess whether the changes are substantial and if they are, the financial instrument is derecognized and a new financial instrument is recognized. If the changes are not substantial, the Group adjusts the gross carrying amount of the financial instrument by the present value of the changes not covered by the practical expedient, discounted using the revised effective interest rate.

3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Business combinations and goodwill

Acquisition of joint ventures and associates from parties under common control

Acquisition of joint ventures and associates from parties under common control are accounted for using the pooling of interest method.

The Group's share in the assets and liabilities of the joint ventures and associates transferred under common control is recorded in the consolidated financial statements at the carrying amounts of the transferring entity (the Predecessor) at the date of the transfer. Any difference between the Group's share in the total book value of net assets, and the consideration paid is accounted for in the consolidated financial statements as an adjustment to equity.

Changes in accounting policies and disclosures

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, 2021, except for the adoption of new standards and interpretations effective as of January 1, 2022. 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 2022, but do not have an impact on the interim condensed consolidated financial statements of the Group.

The Group presented only the list of standards effective and applicable for the Group.

Onerous Contracts - Costs of Fulfilling a Contract - Amendments to IAS 37

The amendments specify that when assessing whether a contract is onerous or loss-making, an entity needs to include costs that relate directly to a contract to provide goods or services include both incremental costs and an allocation of costs directly related to contract activities. General and administrative costs do not relate directly to a contract and are excluded unless they are explicitly chargeable to the counterparty under the contract. These amendments had no impact on the interim condensed consolidated financial statements of the Group as there were no onerous contracts identified.

Reference to the Conceptual Framework - Amendments to IFRS 3

The amendments add an exception to the recognition principle of IFRS 3 Business Combinations to avoid the issue of potential 'day 2' gains or losses arising for liabilities and contingent liabilities that would be within the scope of IAS 37 Provisions, Contingent Liabilities and Contingent Assets or IFRIC 21 Levies, if incurred separately. The exception requires entities to apply the criteria in IAS 37 or IFRIC 21, respectively, instead of the Conceptual Framework, to determine whether a present obligation exists at the acquisition date. These amendments had no impact on the interim condensed consolidated financial statements of the Group as there were no contingent assets, liabilities and contingent liabilities within the scope of these amendments arisen during the period.

Property, Plant and Equipment: Proceeds before Intended Use – Amendments to IAS 16

The amendment prohibits entities from deducting from the cost of an item of property, plant and equipment, any proceeds of the sale of items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the costs of producing those items, in profit or loss. These amendments had no impact on the interim condensed consolidated financial statements of the Group as there were no sales of such items produced by property, plant and equipment made available for use on or after the beginning of the earliest period presented.

3. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Changes in accounting policies and disclosures (continued)

New and amended standards and interpretations (continued)

IFRS 9 Financial Instruments – Fees in the '10 per cent' test for derecognition of financial liabilities

The amendment clarifies the fees that an entity includes when assessing whether the terms of a new or modified financial liability are substantially different from the terms of the original financial liability. These fees include only those paid or received between the borrower and the lender, including fees paid or received by either the borrower or lender on the other's behalf. There is no similar amendment proposed for IAS 39 *Financial Instruments: Recognition and Measurement*. These amendments had no impact on the interim condensed consolidated financial statements of the Group as there were no modifications of the Group's financial instruments during the period.

4. DISCONTINUED OPERATIONS IN COMPARATIVE PERIOD

On November 8, 2021, the Company classified its subsidiary KazTransGas JSC (further KTG) as disposal group held for sale. On November 9, 2021, the Company transferred to Samruk-Kazyna 100% shares of KTG for 1 tenge. Accordingly, in the consolidated financial statements of the Group for the year ended 31 December 2021, KTG was classified as a discontinued operation.

In order to reflect effect of such classification in these interim consolidated financial statements, the Group restated retrospectively the interim consolidated statement of comprehensive income and the interim consolidated statement of cashflows, as well as the related notes to the interim condensed consolidated financial statements for the three and six months ended June 30, 2021.

The business of KTG represented the entirety of the Group's *Gas trading and transportation* segment. With KTG being classified as discontinued operation, the *Gas trading and transportation* segment is no longer presented in the segment note, including the comparative period.

The results of KTG for the three and six months ended June 30, 2021 are presented below:

	For the three months ended	For the six months ended
In millions of tenge	June 30, 2021	June 30, 2021
Revenue	209,084	450,091
Share in profit of joint ventures, net	81,452	157,059
Finance income	5,904	11,442
Other operating income	15,058	16,765
Total revenue and other income from discontinued operations	311,498	635,357
Cost of purchased gas and other materials	(48,978)	(67,853)
Production expenses	(17,524)	(37,961)
Taxes other than income tax	(3,695)	(7,355)
Depreciation, depletion and amortization	(18,317)	(37,312)
Transportation and selling expenses	(76,486)	(168,646)
General and administrative expenses	(5,901)	(11,665)
Finance costs	(11,564)	(21,365)
Foreign exchange loss, net	(5,422)	(4,438)
Other expenses	(512)	(905)
Total expenses from discontinued operations	(188,399)	(357,500)
Profit before income tax from discontinued operations	123,099	277,857
Income tax expenses	(12,175)	(23,112)
Profit for the period from discontinued operations	110,924	254,745

4. DISCONTINUED OPERATIONS IN COMPARATIVE PERIOD (continued)

The net cash flows incurred by KTG for the six months ended June 30, 2021 were as follows:

In millions of tenge	For the six months ended June 30, 2021
Operating	158,282
Investing	65,604
Financing	(13,628)
Net increase in cash and cash equivalents	210,729

5. ACQUISITION OF JOINT VENTURE UNDER COMMON CONTROL

On June 13, 2022, Samruk-Kazyna transferred 49.50% of the shares Kazakhstan Petrochemical Industries Inc. LLP (further KPI) to the Company. The cost of the acquisition was 91,175 million tenge. KPI is engaged in the implementation of the investment project "Construction of the first integrated petrochemical complex in Atyrau region".

49.50% interests in KPI was accounted for as an acquisition of the joint venture from the parties under common control and accounted for under pooling of interest method based on its carrying value. Samruk-Kazyna Ondeu LLP (subsidiary of Samruk-Kazyna) and the Company have joint control over the KPI where decisions about the relevant activities of KPI require the unanimous consent.

The following table illustrate carrying value of KPI assets and liabilities as at the date of the acquisition (based on Predecessor's accounting books):

Non-current assets	852,587
Current assets	81,276
Non-current liabilities	(859,691)
Current liabilities	(77,754)
Net assets	(3,582)
Share of ownership	49.50%
The Group's share in net assets	(1,773)
Purchase consideration transferred	91,175
Difference between consideration and carrying value of the investment in joint venture recognized	
in equity	91,175

6. REVENUE FROM CONTRACTS WITH CUSTOMERS

	For the three month	s ended June 30,	For the six month	s ended June 30,
In millions of tenge	2022 (unaudited)	2021 (unaudited) (restated)	2022 (unaudited)	2021 (unaudited) (restated)
Type of goods and services	3		((Footatoa)
Sales of crude oil and gas	1,179,477	750.914	2,386,316	1,382,482
Sales of refined products	902,447	559,846	1,498,893	975,631
Refining of oil and oil products	56,143	55,467	107,389	102,459
Oil transportation services	44,153	42,284	84,454	84,276
Other revenue	63,777	71,073	126,098	127,180
	2,245,997	1,479,584	4,203,150	2,672,028
Geographical markets				
Kazakhstan	297,674	254,733	531,377	442,534
Other countries	1,948,323	1,224,851	3,671,773	2,229,494
	2,245,997	1,479,584	4,203,150	2,672,028

SHARE IN PROFIT OF JOINT VENTURES AND ASSOCIATES, NET 7.

	For the three months ended June 30,		For the six months ended June 30,	
		2021		2021
	2022	(unaudited)	2022	(unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Joint ventures				
Tengizchevroil LLP	201,213	109,664	401,091	199,005
KMG Kashagan B.V.	53,020	22,312	97,303	30,798
Mangistau Investments B.V.	6,050	14,740	40,587	26,794
KazGerMunay LLP	6,060	3,846	10,758	4,099
Kazakhstan-China Pipeline LLP	6,295	4,231	8,977	6,881
KazRosGas LLP	5,998	7,320	8,512	9,165
Valsera Holdings B.V.	6,983	636	5,537	4,551
Kazakhoil-Aktobe LLP	2,763	1,914	5,170	2,737
Teniz Service LLP	(2,341)	(2,452)	(2,015)	(3,096)
Ural Group Limited	(2,222)	(3,473)	(4,491)	(5,220)
Other	36	1,231	1,087	1,828
Associates				
Caspian Pipeline Consortium	41,105	17,316	63,709	39,321
PetroKazakhstan Inc.	(881)	3,725	2,745	5,832
Other	2,633	1,036	4,578	1,470
	326,712	182,046	643,548	324,165

COST OF PURCHASED OIL, GAS, PETROLEUM PRODUCTS AND OTHER MATERIALS 8.

	For the three months ended June 30,		For the six months ended June 30	
		2021		2021
	2022	(unaudited)	2022	(unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Purchased oil for resale	1,041,052	647,464	2,149,835	1,216,468
Cost of oil for refining	175,196	162,364	413,961	251,415
Materials and supplies	99,497	61,783	175,046	112,835
Purchased gas for resale	21,476	12,316	42,870	23,573
Purchased petroleum products for		·	,	·
resale	15,055	9,031	36,246	16,834
	1,352,276	892,958	2,817,958	1,621,125

9. PRODUCTION EXPENSES

_	For the three months ended June 30,		For the six months ended June 30	
	2022	2021 (unaudited)	2022	2021 (unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Payroll Realized losses from derivatives on	112,184	75,291	187,959	146,951
petroleum products	33,893	5,819	78,908	7,879
Energy	31,929	21,278	63,497	43,577
Repair and maintenance	40,429	28,294	63,431	45,540
Short-term lease expenses	22,745	6,594	35,137	13,383
Transportation costs	16,916	10,878	30,448	21,179
Others	33,713	20,868	22,826	34,307
	291,809	169,022	482,206	312,816

10. TAXES OTHER THAN INCOME TAX

	For the three months ended June 30,		For the six months ended June 30	
		2021		2021
	2022	(unaudited)	2022	(unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Rent tax on crude oil export	66,829	29,074	103,360	55,583
Export customs duty	39,380	28,828	60,132	49,231
Mineral extraction tax	29,410	21,426	58,532	41,763
Other taxes	45,877	22,578	69,147	43,341
	181,496	101,906	291,171	189,918

11. TRANSPORTATION AND SELLING EXPENSES

	For the three months ended June 30,		For the six months ended June 3	
		2021		2021
	2022	(unaudited)	2022	(unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Transportation	26,831	23,837	46,146	44,055
Payroll	3,494	3,013	7,156	6,017
Other	7,918	8,193	16,509	15,480
	38,243	35,043	69,811	65,552

12. GENERAL AND ADMINISTRATIVE EXPENSES

_	For the three month	s ended June 30,	For the six month	For the six months ended June 30,	
		2021		2021	
	2022	(unaudited)	2022	(unaudited)	
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)	
Payroll	15,704	13,349	31,696	27,341	
Consulting services	4,079	3,543	6,718	6,554	
Maintenance	1,422	1,131	2,828	2,167	
Social payments	1,054	788	2,030	1,842	
VAT that could not be offset	809	568	1,477	1,199	
Accrual of expected credit losses			•		
for trade receivables and					
other current financial assets	646	3,359	928	3,105	
Communication	424	294	758	770	
Accrual/(reversal) of impairment of					
other current non-financial assets	78	(35)	262	75	
Allowance for fines, penalties and		` ,			
tax provisions	147	1,490	237	1,513	
Accrual/(reversal) of impairment of					
VAT receivable	30	(353)	55	(2,075)	
Other	9,786	7,100	19,804	14,588	
	34,179	31,234	66,793	57,079	

For the six months ended June 30, 2022, the total payroll amounted to 226,811 million tenge (for the six months ended June 30, 2021: 180,309 million tenge) and was included in production expenses, transportation and selling expenses and general and administrative expenses in the interim condensed consolidated financial statements.

FINANCE INCOME/FINANCE COSTS

Finance income

_	For the three months	s ended June 30,	For the six month	s ended June 30,
In millions of tenge	2022 (unaudited)	2021 (unaudited) (restated)	2022 (unaudited)	2021 (unaudited) (restated)
Interest income on bank deposits, financial assets, loans and bonds Amortization of issued financial	29,571	17,206	49,490	31,890
guarantees	_	566	-	1,131
Total interest income	29,571	17,772	49,490	33,021
Revaluation of financial assets at				
fair value through profit or loss	(662)	31	154	448
Other	1,674	832	3,258	1,176
	30,583	18,635	52,902	34,645

Finance costs

_	For the three months ended June 30,		For the six months ended June 3	
		2021		2021
	2022	(unaudited)	2022	(unaudited)
In millions of tenge	(unaudited)	(restated)	(unaudited)	(restated)
Interest expense on loans and				
bonds	61,063	52,780	120,100	104,249
Commission for the early	,	. ,	,	, , , , , , , , ,
redemption of the loan (Note 20)	-		4,498	_
Interest expense on lease liabilities	740	772	1,435	1,530
Total interest expense	61,803	53,552	126,033	105,779
Write-off of transaction costs due to early redemption of the loan				
(Note 20)	-	-	13,035	_
Unwinding of discount on asset			,	
retirement obligations, for environmental obligation and				
other provisions	2,496	2,146	4,343	3,648
Unwinding of discount on	2,700	L , 1-10	7,040	0,040
employee benefits obligations	1,114	973	2,016	1 ,781
Other	4,245	935	7.934	4,616
	69,658	57,606	153,361	115,824

14. INCOME TAX EXPENSES

	For the three month	s ended June 30,	For the six month	s ended June 30,
In millions of tenge	2022 (unaudited)	2021 (unaudited) (restated)	2022 (unaudited)	2021 (unaudited) (restated)
Current income tax				
Corporate income tax Withholding tax on dividends and	39,671	39,582	78,693	66,831
interest income	10,183	5,762	10,731	6,005
Excess profit tax	3,589	38	3,589	38
Deferred income tax				
Corporate income tax	(26,668)	1,938	(28,816)	3,371
Withholding tax on dividends	25,182	16,450	70,164	29,851
Excess profit tax		(9)	239	(11)
Income tax expenses	51,957	63,761	134,600	106,085

15. PROPERTY, PLANT AND EQUIPMENT

In millions of tenge	Oil and gas assets	Pipelines	Refinery assets	Buildings and improve- ments	Machinery and equipment	Vehicles	Other	Capital work in progress	Total
Not be always as of December 2000									
Net book value as at December, 2020 (audited)	1,083,615	808,757	1,171,110	289,702	453,821	84,661	111,947	366,132	4,369,745
•	8,540	695	4,295	1,095	766	577	1,202	3,570	20,740
Foreign currency translation Additions	3,942	2,704	2,129	1,095 55	27,450	4,274	1,202	•	160,064
Change in estimate	(2,729)	(104)	2,129	(12)	27,400	4,214	1,075	118,435 _	(2,845)
-		• •	(25 900)		(4.404)	(2.002)	(1 647)	(266)	
Disposals Loss of control over subsidiaries	(15,614)	(6,440)	(35,899)	(586)	(1,481)	(3,893)	(1,647)	(366)	(65,926)
	(57.054)	(4.4.007)	(57.200)	(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)	10,241	0,134	0,002	520	1,001	3,108	1,493		34,206 14
Transfers to assets classified as held	10	_	_	_	10	_	1	(7)	14
for sale	_	_	(24)	(11,534)	(33,670)	(3,635)	(457)	-	(49,320)
Transfers from investment property	_	_	(- 1)	791	(00,010)	(0,000)	7	_	798
Transfers from exploration and				, , ,			•		730
evaluation assets	145	_	_		_	_	_	-	145
Other changes	44	1,596	23	1	20	3	76	149	1,912
Transfers	45,615	8,281	7,069	3,346	38,633	378	16,901	(120,223)	1,012
Net book value as at June 30, 2021	70,010	0,0 /	.,000	0,0.0			10,001	(120,220)	
(unaudited)	1,079,455	806,736	1,099,367	273,660	467,401	79,962	124,801	367,950	4,299,332
,				·		**************************************	·		
At cost	2,280,868	1,070,653	2,531,251	585,139	908,028	210,935	262,261	422,620	8,271,755
Accumulated depreciation and	_,	,,0,0,000	2,001,201	000,100	000,020	£ 10,000	202,201	122,020	0,271,700
impairment	(1,201,413)	(263,917)	(1,431,884)	(311,479)	(440,627)	(130,973)	(137,460)	(54,670)	(3,972,423)
Net book value as at June 30, 2021	, , , , , , , , , , , , , , , , , , , ,			······································		, , ,		(,)	, -
(unaudited)	1,079,455	806,736	1,099,367	273,660	467,401	79,962	124,801	367,950	4,299,332

15. PROPERTY, PLANT AND EQUIPMENT (continued)

·				Buildings and	Machinery				
	Oil and		Refinery	improve-	and equip-			Capital work	
In millions of tenge	gas assets	Pipelines	assets	ments	ment	Vehicles	Other	in progress	Total
Net book value as at December 31,									
2021 (audited)	1,126,550	262,717	1,121,420	211,823	239,191	75,225	109 016	260,038	3,405,980
Foreign currency translation	49,361	2,465	25,749	8,056	4,572	2,760	6.849	12,545	112,357
Change in estimate	(15,573)	(7,285)	_	(3,289)	_	_	_	_	(26,147)
Additions	3,613	50	114	13,631	2,186	182	267	137,005	157,048
Disposals	(9,960)	(204)	(335)	(415)	(2,700)	(2,545)	(1.249)	(226)	(17,634)
Depreciation charge	(59,210)	(7,030)	(53,865)	(8,471)	(14,337)	(4,574)	(5 461)		(152,948)
Accumulated depreciation and	, , ,	, ,	, - ,	, , ,	, , ,				, , ,
impairment on disposals	8,907	204	322	354	2,660	1,958	951	183	15,539
(Impairment)/reversal of impairment	_	(20)	_	_	9	491	129	21	630
Transfers from/(to) assets classified									
as held for sale	-	-	-	422	(24)	(24)	27	_	401
Transfers from investment property	-	_	-	1,553	-	-		_	1,553
Other changes	2	(54)	_	_	11	•••	24	158	141
Transfers	57,137	2,115	7,510	7,075	26,291	385	1.739	(102,252)	_
Net book value as at June 30, 2022									
(unaudited)	1,160,827	252,958	1,100,915	230,739	257,859	73,858	112.292	307,472	3,496,920
At cost	2,492,953	395,161	2,753,813	550,712	629,484	218,558	259,202	357,877	7 657 760
Accumulated depreciation and	2,492,900	333,101	2,700,010	550,712	025,404	210,000	259,202	357,077	7,657,760
impairment	(1,332,126)	(142,203)	(1,652,898)	(319,973)	(371,625)	(144,700)	(146,910)	(50,405)	(4,160,840)
Net book value as at June 30, 2022				, , ,	, , ,			. , -,	
(unaudited)	1,160,827	252,958	1,100,915	230,739	257,859	73,858	112,292	307,472	3,496,920

15. PROPERTY, PLANT AND EQUIPMENT (continued)

Additions

For the six months ended June 30, 2022 additions to capital work in progress are mainly attributable to development drilling at Embamunaigas JSC, Ozenmunaigas JSC, subsidiaries of KazMunaiGas Exploration Production JSC, and KMG Karachaganak LLP for the total of 76,237 million tenge, overhauls at the plant facilities at Rompetrol Rafinare, subsidiary of KMG International N.V. (further KMGI) for 23,053 million tenge, replacement of "Uzen-Atyray-Samara" and "Astrakhan-Mangyshlak" pipelines for the total amount of 14,652 million tenge at KazTransOil JSC.

Other

For the six months ended June 30, 2022, the Group capitalized to the carrying amount of property, plant and equipment borrowing costs in amount of 227 million tenge related to the construction of those property, plant and equipment at the average interest rate of 6.70% (for the year ended December 31, 2021: 32 million tenge at the average interest rate of 2.10%).

As at June 30, 2022, the cost of fully depreciated but still in use property, plant and equipment was 344,950 million tenge (December 31, 2021: 329,282 million tenge).

As at June 30, 2022, property, plant and equipment with the net book value of 831,032 million tenge (December 31, 2021: 837,744 million tenge) were pledged as collateral to secure borrowings of the Group.

Capital commitments are disclosed in Note 24.

16. BANK DEPOSITS

	June 30,	December 31,
	2022	2021
In millions of tenge	(unaudited)	(audited)
Denominated in US dollar	663,495	559,244
Denominated in tenge	6,617	7,527
Less: allowance for expected credit losses	(232)	(200)
	669,880	566,571

As at June 30, 2022, the weighted average interest rate for long-term bank deposits was 0.94% in US dollars and 0.86% in tenge (December 31, 2021: 1.04% in US dollars and 0.94% in tenge).

As at June 30, 2022, the weighted average interest rate for short-term bank deposits was 1.31% in US dollars and 1.40% in tenge (December 31, 2021: 0.27% in US dollars and 5.68% in tenge).

Bank deposits have maturities as detailed below:

	June 30, 2022	December 31, 2021
In millions of tenge	(unaudited)	(audited)
Maturities under 1 year	609,447	510,513
Maturities between 1 and 2 years	170	140
Maturities over 2 years	60,263	55,918
	669,880	566,571

As at June 30, 2022 bank deposits include those pledged as collateral of 60,433 million tenge (December 31, 2021: 56,058 million tenge), which are represented mainly by 56,262 million tenge at restricted bank accounts designated as a liquidation fund per requirements of subsoil use contracts (December 31, 2021: 51,163 million tenge).

17. 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						
Tengizchevroil LLP	Oil and gas exploration and production	Kazakhstan	3,737,729	20.00%	3,105,942	20.00%
KMG Kashagan B.V.	Oil and gas exploration and production	Kazakhstan	2,721,148	50.00%	2,404,820	20.00% 50.00%
Mangistau Investments B.V. KazRosGas LLP	Oil and gas development and production Processing and sale of natural gas	Kazakhstan	205,893	50.00%	207,410	50.00%
	and refined gas products	Kazakhstan	68,124	50.00%	54,317	50.00%
Ural Group Limited	Oil and gas exploration and production	Kazakhstan	44,364	50.00%	41,453	50.00%
Kazakhstan-China Pipeline LLF	Oil transportation	Kazakhstan	29,331	50,00%	25,355	50.00%
Kazakhoil-Aktobe LLP	Production of crude oil	Kazakhstan	23,932	50.00%	25,262	50.00%
KazGerMunay LLP Teniz Service LLP	Oil and gas exploration and production Design, construction and operation of infrastructure facilities, offshore oil	Kazakhstan	27,600	50.00%	32,289	50.00%
	operations support	Kazakhstan	14,878	48.996%	16,894	48.996%
Valsera Holdings B.V.	Oil refining	Kazakhstan	14,725	50.00%	9,590	50.00%
Other	•		31,404	23.52,7	30,525	00.0070
Associates						
Caspian Pipeline Consortium	Transportation of liquid hydrocarbons Exploration, production and processing of oil	Kazakhstan/Russia	509,393	20.75%	473,880	20.75%
PetroKazakhstan Inc.	and gas	Kazakhstan	92,363	33.00%	84,905	33.00%
Other			43,957		37,742	30.0070
			7,564,841		6,550,384	

17. INVESTMENTS IN JOINT VENTURES AND ASSOCIATES (continued)

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

As at June 30, 2022, the Group's share in unrecognized losses of joint ventures and associates was equal to 4,335 million tenge (December 31, 2021: 1,811 million tenge).

The following table summarizes the movements in the investments of joint ventures and associates during the six months ended June 30, 2022 and 2021:

In millions of tenge	2022	2021
On January 1 (audited)	6,550,384	6,471,021
Share in profits of joint ventures and associates, net (Notes 4 and 7)	643,548	481,224
Dividends received	(123,038)	(121,620)
Change in dividends receivable	(80,699)	(25,611)
Other changes in the equity of the joint venture	4,054	2,020
Additional contributions without change in ownership	67	1,926
Eliminations and adjustments*	(402)	· <u>-</u>
Foreign currency translation	570,927	96,474
On June 30 (unaudited)	7,564,841	6,905,434

^{*}Equity method eliminations and adjustments represent unrealized income from sale of inventory from joint ventures to subsidiaries and capitalized borrowing costs on the loans provided by the Company and subsidiaries to joint ventures.

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 which was later extended to December 31, 2022. In 2017, 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 pledge. As of December 31, 2021 the Restrictions remained in force.

On June 14, 2022 the Amsterdam Court lifted previously imposed certain restrictions on 50% of shares in KMG Kashagan B.V. owned by Samruk-Kazyna. Based on the analysis, the Group concluded that the Option does not give the Group substantive voting rights. The Group does not consider exercising the Option economically viable on the existing terms as the Option is out of the money due to the exercise price being significantly higher than the fair value of the 50% interest that the option relates to. Also, the Group analysed its financial ability and concluded that the Group does not have sufficient financial resources to finance the execution of the Option at the current terms of the Option. As a result, the Group does not have control over KMG Kashagan B.V. and continues to account for investments in KMG Kashagan B.V. using the equity method.

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

	June 30, 2022	December 31, 2021
In millions of tenge	(unaudiled)	(audited)
*		
Trade accounts receivable		
Trade accounts receivable	862,801	445,500
Less: allowance for expected credit losses	(28,960)	(27,245)
	833,841	418,255
Other current financial assets		
Other receivables	118,734	102,699
Dividends receivable	83,288	6,375
Reservation of cash for repayment of borrowings	-	259,459
Less: allowance for expected credit losses	(42,631)	(39,030)
	159,391	329,503
Other current non-financial assets	*****	
Advances paid and prepaid expenses	50,192	38,149
Taxes receivable, other than VAT	33,780	32,090
Other	7,488	6,479
Less: impairment allowance	(113)	(104)
	91,347	76,614
Total other current assets	250,738	406,117

As at June 30, 2022 and December 31, 2021 the above assets were non-interest bearing.

As at June 30, 2022 trade accounts receivable of 157,679 million tenge are pledged as collateral (December 31, 2021: 131,000 million tenge).

As at December 31, 2021, the Group reserved cash in the amount of 259,459 million tenge for repayment of the loan from The Export-Import Bank of China (further Eximbank), including interest accrued. Cash reserved was used for early redemption of the loan from Eximbank, including interest accrued, in January 2022.

Trade accounts receivable is denominated in the following currencies as of June 30, 2022 and December 31, 2021:

	June 30,	December 31,
	2022	2021
In millions of tenge	(unaudited)	(audited)
US dollars	612,420	245,124
Tenge	113,592	104,603
Romanian Leu	96,797	60,616
Euro	8,337	3,615
Other currency	2,695	4,297
	833,841	418,255

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

			Days past due	1		
In millions of tenge	Current	<30 days	30-60 days	61-90 days	>91 days	Total
June 30, 2022 (unaudited)		.,,		700000		
Expected credit loss rate	0.17%	1.85%	1.13%	1.41%	86.78%	
Trade accounts receivable	786,525	40,428	1,785	3,152	30,911	862,801
Expected credit loss	(1,323)	(747)	(20)	(44)	(26,826)	(28,960)
				,		
December 31, 2021 (audited)						
Expected credit loss rate	0.39%	3.17%	18.42%	8.28%	94.05%	
Trade accounts receivable	405,468	11,088	617	1,661	26,666	445,500
Expected credit loss	(1,561)	(352)	(114)	(138)	(25,080)	(27,245)

19. CASH AND CASH EQUIVALENTS

	June 30, 2022	December 31, 2021
In millions of tenge	(unaudited)	(audited)
Term deposits with banks - US dollar	565,289	512,701
Term deposits with banks – tenge	157,3 4 2	231,944
Term deposits with banks – other currencies	13,557	32,343
Current accounts with banks - US dollar	179,843	179,097
Current accounts with banks - tenge	3,009	7,003
Current accounts with banks - other currencies	18,814	10,037
The contracts of reverse repo with original maturities of three months or less	18,000	· -
Cash in transit	15,334	1,557
Cash-on-hand and cheques	2,112	1,337
Less: allowance for expected credit losses	(42)	(170)
	973,258	975,849

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, 2022, the weighted average interest rate for term deposits with banks was 1.45% in US dollars, 12.21% in tenge and 0.04% in other currencies (December 31, 2021: 0.20% in US dollars, 8.67% in tenge and 5.00% in other currencies).

As at June 30, 2022 and December 31, 2021 cash and cash equivalents were not pledged as collateral for obligations of the Group.

20. BORROWINGS

In millions of tenge	June 30, 2022 (unaudited)	December 31, 2021 (audited)
Fixed interest rate borrowings	3,249,935	3,041,001
Weighted average interest rates	5.69%	5.72%
Floating interest rate borrowings	684,762	705,326
Weighted average interest rates	8.12%	5.78%
	3,934,697	3,746,327

As at June 30, 2022 and December 31, 2021, borrowings are denominated in the following currencies:

	June 30,	December 31,
	2022	2021
In millions of tenge	(unaudited)	(audited)
US dollar	3,284,212	3,213,820
Tenge	281,362	294,581
Russian ruble	349,123	221,207
Euro	9,214	8,424
Other currencies	10,786	8,295
	3,934,697	3,746,327

In millions of tenge	June 30, 2022 (unaudited)	December 31, 2021 (audited)
Current portion	355,985	484,980
Non-current portion	3,578,712	3,261,347
	3,934,697	3,746,327

As at June 30, 2022 and December 31, 2021 the bonds comprised:

In millions of tenge	Issuance amount	Redemption date	Interest	June 30, 2022 (unaudited)	December 31, 2021 (audited)
Bonds					
Bonds LSE 2020	750 million USD	2033	3.50%	354,834	325,735
AIX 2019	56 billion KZT	2024	5.00%	35,451	33,123
Bonds LSE 2018	1.5 billion USD	2048	6.375%	696,326	639,046
Bonds LSE 2018	1.25 billion USD	2030	5.375%	588,694	540,156
Bonds LSE 2018	0.5 billion USD	2025	4.75%	236,279	216,760
Bonds LSE 2017	1.25 billion USD	2047	5.75%	569,989	522.827
Bonds LSE 2017	1 billion USD	2027	4.75%	467,557	428,552
Total				2,949,130	2,706,199

20. BORROWINGS (continued)

As at June 30, 2022 and December 31, 2021 the borrowings comprised:

In millions of tenge	Issuance amount	Redemption date	Interest	June 30, 2022 (unaudited)	December 31, 2021 (audited)
Loans					
VTB Bank (PJSC)	38 billion RUB	2027	Key Rate of Central Bank of		
			Russian Federation + 2.25%	349,123	221,207
The Syndicate of banks (Unicredit Tiriac Bank, ING Bank, BCR, Raiffeisen	435 million USD1	2022-2023	1M Libor + 2.75%, 1M Libor +		
Bank)			2.50%,	440.000	
Habita bank 100 (Habita bank)	464 UNC 1777	0004.0005	ON Euribor+2.50%	148,966	84,096
Halyk bank JSC (Halyk bank)	151 billion KZT	2024-2C25	11.00%	136,498	138,119
Development bank of Kazakhstan JSC (DBK)	157 billion KZT	2023-2026	7.00%-9.00%	109,885	119,243
Cargill	150 million USD	2023-2024	3M SOFR + 2.61%,	·	-
			3M Libor + 2.50%,		
			3M SOFR + 2.98%	70,956	43,343
ING Bank NV	250 million USD	2022	COF ³ (1.95%) + 2.00%	35,254	24,034
DBK	843.6 million USD	2023	10.99%	27,287	34,138
Halyk bank	100 million USD ²	2024	5.00% (USD), 16.00% (KZT)	27,135	43,302
Bank of Tokyo-Mitsubishi UFJ, Ltd (London Branch)	150 million USD	2022	COF (1.60%) + 1.70%	25,541	22,385
Credit Agricole	250 million USD	2022	COF (1.72%) + 2.00%	3,362	21,533
The Export-Import Bank of China (Eximbank)	1.13 billion USD	2026	6M Libor + 4.10%	0,002	242,555
Other	-			E4 EC0	-
Total				51,560	46,173
i Oldi				985,567	1,040,128

¹⁷⁵ million USD with revolving credit facility.

²Revolving credit facility.

³Cost of funding.

20. BORROWINGS (continued)

The increase in carrying value of placed bonds during the six months ended June 30, 2022, is due to the effect of the foreign currency exchange rate on bonds placed at the London Stock Exchange (further LSE) and denominated in US dollars for 238,139 million tenge.

In January 2022, Atyrau Refinery LLP (further Atyrau Refinery) made early fully repayment of the loan from Eximbank for 604 million US dollars (equivalent to 259,459 million tenge), including accrued interest. For the repayment was used the cash reserved in November 2021 (Note 18).

During the six months ended June 30, 2022, KMGI received Syndicated loan used to finance its working capital for the total amount of 126 million US dollars (equivalent to 56,555 million tenge).

The increase in carrying value of the loan from VTB Bank (PJSC) denominated in Russian ruble during the six months ended June 30, 2022, is due to the effect of the foreign currency exchange rate for 123,988 million tenge.

20. BORROWINGS (continued)

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

	2022			2021				
	Short-term	Long-term			Short-term	Long-term		
In millions of tenge	loans	loans	Bonds	Total	loans	loans	Bonds	Total
On toward 4 (2004) (2018)	400 770	077 070	0.700.400	0 740 007	404.070	040.005	0.077.040	4.070.440
On January 1 (audited)	162,772	877,356	2,706,199	3,746,327	184,370	916,265	2,977,813	4,078,448
Received in cash	26,576	81,884	-	108,460	110,159	55,774		165,933
Repayment of principal in cash	(54,184)	(20,384)	(520)	(75,088)	(46,300)	(115,233)	(6,28?)	(167,820)
Repayment of principal and interest by								
reserved cash	144	(259,459)	*****	(259,459)		_	-	-
Interest accrued	4,472	38,086	77,440	119,998	4,654	32,743	80,879	118,276
Commission for the early redemption of	.,	,	,	,	.,	,	00,000	.,0,2,0
the loan (Note 13)	_	4,498	_	4,498		_	_	
Write-off of transactions costs due to		-1,100		-,,-100				
early redemption of the loan (Note 13)	_	13,035	-	13,035	-	_	_	_
Interest paid*	(4,547)	(30,046)	(74,988)	(109,581)	(4,532)	(27,141)	(106,340)	(138,013)
Foreign currency translation	9,787	13,056	233,582	256,425	2,845	1,715	43,956	48,516
Foreign exchange loss	262	123,631	7,417	131,310	472	8,573	5,991	15,036
Other		(1,228)	· -	(1,228)	_	(192)	· -	(192)
On June 30 (unaudited)	145,138	840,429	2,949,130	3,934,697	251,668	872,504	2,996,012	4,120,184
Current portion	145,138	172,287	38,560	355,985	251,668	171,423	44,678	467,769
Non-current portion	-	668,142	2,910,570	3,578,712		701,081	2,951,334	3,652,415

^{*}The repayment of the interest is classified in the statement of cash flows as operating cash flows.

Covenants

The Group is required to comply with the financial and non-financial covenants under the terms of loan agreements. As of June 30, 2022 and December 31, 2021 the Group complied with all financial and non-financial covenants.

Hedge of net investment in the foreign operations

As at June 30, 2022, 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, 2022, loss of 233,582 million tenge (for the six months ended, June 30, 2021: loss of 43,956 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.

20. 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, 2022 and December 31, 2021 there was no ineffective portion of the hedge.

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

	June 30,	December 31,
	2022	2021
In millions of tenge	(unaudited)	(audited)
Trade accounts payable	870,116	519,201
Other financial liabilities		
Due to employees	55,967	44,401
Other trade payables	20,889	16,446
Derivative financial instruments	29,405	2,127
Other	22,167	22,172
	128,428	85,146
Current portion	112,762	69,231
Non-current portion	15,666	15,915
Other non-financial liabilities		
Contract liabilities	157,468	154,696
Other	23,226	18,802
	180,694	173,498
Current portion	142 424	424.000
Non-current portion	143,134	134,269
Tron danient portion	37,560	39,229

As of June 30, 2022 and December 31, 2021 trade accounts payable were denominated in the following currencies:

In millions of tenge	June 30, 2022 (unaudited)	December 31, 2021 (audited)
US dollars	704,136	351,383
Tenge	70,000	83,705
Romanian leu	59,149	71,932
Euro	31,745	3,381
Other currency	5,086	8,800
Total	870,116	519,201

As at June 30, 2022 and December 31, 2021 trade accounts payable and other financial liabilities were not interest bearing.

22. 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. The Group recognizes allowances for expected credit losses on amounts owed by related parties.

Transactions balances

The following table provides the balances of transactions with related parties as at June 30, 2022 and December 31, 2021:

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
Samruk-Kazyna entities	June 30, 2022				
•	(unaudited) December 31, 2021	457,284	1,645	-	35,449
	(audited)	497,242	1,074	_	33,123
Associates	June 30, 2022				
	(unaudited) December 31, 2021	78,400	2,679	_	-
	(audited)	12,249	3,009		
Other state-controlled	June 30, 2022				
parties	(unaudited) December 31, 2021	1,300	428	94,366	137,172
	(audited)	2,349	638	86,481	153,381
Joint ventures	June 30, 2022			•	
	(unaudited)	172,534	341,779	-	-
	December 31, 2021				
	(audited)	166,869	170,923		

Due from/to related parties

Associates

As at June 30, 2022 the increase in due from associates is mainly due to dividends receivable from Caspian Pipeline Consortium JSC for 143 million US dollars (equivalent to 67,175 million tenge).

Joint ventures

As at June 30, 2022 due to joint ventures were mainly represented by accounts payable for crude oil to Tengizchevroil LLP (further TCO) for 294,602 million tenge.

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, 2022 and 2021:

In millions of tenge	During the six months ended June 30,	e Sales to related parties	Purchases from related parties	Interest earned from related parties	Interest incurred to related parties
Samruk-Kazyna entities	2022 (unaudited)	4,812	5,356	25,209	800
	2021 (unaudited)	10,096	7,338	17,345	975
Associates	2022 (unaudited)	12,414	17.341	122	_
	2021 (unaudited)	43,735	17.377	4,501	
Other state-controlled	` ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,	
parties	2022 (unaudited)	7,782	9,224	158	8,049
	2021 (unaudited)	17,827	6,975	162	11,695
Joint ventures	2022 (unaudited)	101,901	1,153,273	5,492	3
	2021 (unaudited)	196,296	819,354	12,123	354

22. RELATED PARTY DISCLOSURES (continued)

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 was equal to 3,072 million tenge and 3,189 million tenge for the six months ended June 30, 2022 and 2021, respectively. Compensation to key management personnel mainly consists of contractual salary and performance bonus based on operating results.

Dividends

During the six months ended June 30, 2022, based on the decision of Samruk-Kazyna and National Bank of RK, the Company declared and paid-off dividends for 2021 of 327.80 tenge per common share in the total of 199,997 million tenge (2021: declared dividends for 2020 of 81.95 tenge per common share in the total of 49,999 million tenge).

Distributions to Samruk-Kazyna

During the six months ended June 30, 2022, in accordance with the Government decree on the construction of a medical center in Zhana-ozen town and housing for the residents, living in Zhana-ozen town, the Group accrued liabilities for 9,690 million tenge and recognized as distribution to Samryk-Kazyna in equity.

23. FINANCIAL RISK MANAGEMENT, OBJECTIVES AND POLICIES

Fair values of financial instruments

The carrying amount of the Group financial instruments as at June 30, 2022 and December 31, 2021 are reasonable approximation of their fair value, except for the financial instruments disclosed below:

	June 30, 2022 (unaudited)				Decemper 31, 2021 (audited)					
	Carrying	Fair	Fair value	by level of ass	sessment	Carrying	Fair	Fair va ue	by level of ass	essment
Iก 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	18,682	20,030		20,030	-	18,373	16,925		16,925	-
amortized cost	438,819	431,657	-	399,041	32,616	474,875	472,528	_	448.658	23,870
Fixed interest rate borrowings	3,249,935	2,784,871	2,469,502	315,369	· -	3,041,001	3,556,705	3.210.632	346.073	20,070
Floating interest rate borrowings	684,762	684,762		684,762		705,326	755 347	- · · · · -	755.347	_

23. FINANCIAL RISK MANAGEMENT, OBJECTIVES AND POLICIES (continued)

Fair values of financial instruments (continued)

The fair value of bonds receivable from the Samruk-Kazyna and other debt instruments have been calculated by discounting the expected future cash flows at market interest rates.

All financial instruments for which fair value is recognized or disclosed are categorized within the fair value hierarchy, based on the lowest level input that is significant to the fair value measurement as a whole, as follows:

- Level 1 quoted (unadjusted) market prices in active markets for identical assets or liabilities;
- Level 2 valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable;
- Level 3 valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

There were no transfers between Level 1 and Level 2 during the reporting period, and no transfers into or out of Level 3 category.

For assets and liabilities that are recognized at fair value on a recurring basis, the Group determines whether transfers have occurred between levels in the hierarchy by re-assessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period. There were no changes in the Group's valuation processes, valuation techniques, and types of inputs used in the fair value measurements during the six months ended June 30, 2022.

The significant unobservable inputs used in the fair value measurements categorized within Level 3 of the fair value hierarchy are shown below:

	Valuation technique	Significant unobservable inputs	Range as of June 30, 2022 (unaudited)	Range as of December 31, 2021 (audited)
Loans given to related parties at amortized cost	Discounted cash flow method	Interest/ discount rate	5.1-15.7%	4.1-11.5%

24. CONTINGENT LIABILITIES AND COMMITMENTS

In addition to the contingent liabilities and commitments disclosed in the consolidated financial statements of the Group for the year ended December 31, 2021, the following changes have taken place during the six month ended June 30, 2022:

The civil litigation at 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 in 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. Faber's two lawsuits were dismissed by the Supreme Court on April 13, 2022 and May 4, 2022. As a result of hearing in December 2021 the court admitted the appeal and sent back the file to be re-settled. Next hearings are scheduled to September 2022.

The Group believes that its position with regard to the new Faber filing will be sustained similar to the matters resolved in 2020 in favour of the Group, and as such, the Group did not recognize any provisions as of June 30, 2022.

Comprehensive tax audit at Pavlodar Refinery for 2016-2020

On March 1, 2022, based on 2016-2020 comprehensive tax audit, Pavlodar oil chemistry refinery (further Pavlodar Refinery) received additional tax assessment for VAT for 15,290 million tenge, for Income tax for 2,772 million tenge, for other taxes for 255 million tenge, including penalties, and reduction in tax carry-forward losses for 15,579 million tenge. Pavlodar Refinery has not agreed with tax audit results and on April 15, 2022 sent an appeal to the RK Ministry of Finance. In May 2022, appeal consideration was suspended by the RK Ministry of Finance until clarification of the circumstances. The Group believes that the risk of additional tax assessment is not probable, as such, the Group did not recognize any provisions as of June 30, 2022.

24. CONTINGENT LIABILITIES AND COMMITMENTS (continued)

Cost recovery audits

As of June 30, 2022, the Group's share in the total disputed amounts of costs is 1,231 million US dollars (equivalent to 579,193 million tenge as at reporting date) (As of December 31, 2021: 1,177 million US dollars, equivalent to 508,180 million tenge), including its share in the joint venture.

Kazakhstan local market obligation

During the six months ended June 30, 2022 in accordance with its obligations, the Group delivered 4,030 thousand tons of crude oil (for the six months ended June 30, 2021: 3,396 thousand tons), including its share in the joint ventures and associates, to the Kazakhstan market.

Commitments under subsoil use contracts

As at June 30, 2022, 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			
2022	179,505	14,477	
2023	110,943	4,310	
2024	32,408	4,324	
2025	14,217	4,275	
2026-2048	3,038	21,957	
Total	340,111	49,343	

Oil supply commitments

As of June 30, 2022, KMG Kashagan B.V., joint venture of the Company, had commitments under the oil supply agreements in the total amount of 3.7 million ton (December 31, 2021: 4.3 million ton).

Other contractual commitments

As at June 30, 2022, the Group, including its share in joint ventures commitments, had other capital commitments of approximately 186,935 million tenge, net of VAT (as at December 31, 2021: 148,590 million tenge, net of VAT), related to acquisition and construction of non-current assets.

As at June 30, 2022, the Group had commitments of 169,073 million tenge (as at December 31, 2021: 184,455 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.

25. 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 three main operating segments: exploration and production of oil and gas, oil 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 6 to the consolidated financial statements.

25. SEGMENT REPORTING (continued)

For the six months ended June 30, 2022 disaggregated revenue type Sales of crude oil and gas and Sales of refined products mainly represents sales made to the external parties by the following operating segments:

_	Type of products and services For the six months ended June 30,					
	Sales of		Sales of	•		
	crude oil	Sales of refined	crude oil	Sales of refined		
In millions of tenge	and gas	products	and gas	products		
Segments						
Refining and trading of crude oil						
and refined products	2,386,316	1,135,412	1,382,482	719,496		
Corporate	_	356,206		249,384		
Exploration and production of oil		·		• • • • • • • • • • • • • • • • • • • •		
and gas	_	2,038	-	1,659		
Other		5,237	<u>-</u>	5,092		
	2,386,316	1,498,893	1,382,482	975,631		

Segment performance is evaluated based on revenues, net profit and adjusted EBITDA, which are measured on the same basis as in the 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, impairment of property, plant and equipment, exploration and evaluation assets, intangible assets and assets classified as held for sale, exploration expenses, impairments of joint ventures and associates, finance income and expense, income tax expenses.

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

Geographic information

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

	June 30, 2022	December 31, 2021
In millions of tenge	(unaudited)	(audited)
Kazakhstan	2,828,181	2,782,481
Other countries	668,739	623,499
	3,496,920	3,405,980

Eliminations and adjustments in the tables below 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.

25. SEGMENT REPORTING (continued)

The following represents information about profit and loss for the six months ended June 30, 2022 and assets and liabilities as at June 30, 2022 of operating segments of the Group:

	Exploration and		Refining and trading of crude oil and				
	production of	Oil	refined		F	liminations and	
In millions of tenge	oil and gas	transportation	products	Corporate	Other	adjustments	Total
Revenues from sales to external customers	1,216	103,411	3,684,120	357,059	57,344	_	4,203,150
Revenues from sales to other segments	747,037	67,896	77,638	45,690	45,942	(984,253)	-1,200,100
Total revenue	748,253	171,307	3,761,808	402,749	103,286	(984,253)	4,203,150
Cost of purchased oil, gas, petroleum products and							
other materials	(14,700)	(7,996)	(3,328,167)	(189,475)	(13,850)	736,230	(2,817,958)
Production expenses	(198,354)	(91,280)	(187,902)	(93,452)	(94,492)	183,274	(482,206)
Taxes other than income tax	(232,125)	(8,175)	(7,191)	(39,207)	(4,473)	, <u> </u>	(291,171)
Transportation and selling expenses	(53,316)	(9,309)	(34,249)	(4,588)		31,651	(69,811)
General and administrative expenses	(15,979)	(6,658)	(22,028)	(11,991)	(11,293)	1,156	(66,793)
Share in profit of joint ventures and associates, net	552,870	73,978	10,146		6,554	· 	643,548
EBITDA	786,649	121,867	192,417	64,036	(14,268)	(31,942)	1,118,759
EBITDA, %	70%	11%	17%	6%	(1%)	(3%)	
Depreciation, depletion and amortization	(65,151)	(22,260)	(69,949)	(1,559)	(4,497)	-	(163,416)
Finance income	38,058	1,158	6,341	70,761	5,117	(68,533)	52,902
Finance costs	(10,382)	(3,701)	(72,414)	(112,882)	(2,499)	48,517	(153,361)
Impairment/(reversal of impairment) of property, plant and equipment, exploration and evaluation assets, intangible	, ,,,,,,,	(=,,	(-,)	(1.2,002)	(2,700)	40,011	(100,001)
assets and assets classified as held for sale	18	(20)	3	-	629	_	630
Income tax expenses	(118,781)	(14,079)	9,626	(10,574)	(792)	_	(134,600)
Profit/(loss) for the year from continuing operations	568,650	22,018	(57,893)	211,695	(17,740)	(49,770)	676,960
Other segment information							
Investments in joint ventures and associates	6,856,486	564,548	58,774	_	85,033	***	7,564,841
Capital expenditures	86,110	33,925	33,028	2,986	7,571	_	163,620
Allowances for obsolete inventories, expected credit losses	,	,	,	,	.,0,,		100,020
on trade receivables, loans and receivables from related							
parties, other current financial assets and impairment of	(4.004)	//* ***	4= 4 = 5	4			
other current non-financial assets	(4,884)	(10,663)	(54,334)	(29,655)	(9,398)	-	(108,934)
Assets of the segment	9,735,894	1,286,291	3,394,215	1,696,717	337,183	(^,239,912)	15,210,388
Liabilities of the segment	1,036,688	235,994	2,384,057	3,682,393	111,998	(1,167,001)	6,284,129

25. SEGMENT REPORTING (continued)

The following represents information about profit and loss for the six months ended June 30, 2021 and assets and liabilities as at December 31, 2021 of operating segments of the Group:

	Exploration and production of	Oil	Refining and trading of crude oil and refined			Eliminations and	
In millions of tenge	oil and gas	transportation	products	Corporate	Other	acjustments	Total
Revenues from sales to external customers	3,276	98,917	2,263,000	249,495	57,340	-	2,672,028
Revenues from sales to other segments	572,263	38,620	75,376	19,282	39,734	(745,275)	_
Total revenue	575,539	137,537	2,338,376	268,777	97,074	(745,275)	2,672,028
Cost of purchased oil, gas, petroleum products and other materials	(14,210)	(6,346)	(2,042,997)	(113,700)	(13,311)	569,439	(1,621,125)
Production expenses	(147,441)	(50,876)	(86,349)	(79,228)	(72,571)	123,649	(312,816)
Taxes other than income tax	(153,669)	(6,281)	(7,245)	(19,185)	(3,538)	-	(189,918)
Transportation and selling expenses	(52,555)	(3,676)	(32,238)	(5,005)	(-C)	27,932	(65,552)
General and administrative expenses	(13,467)	(9,523)	(16,006)	(7,834)	(9,722)	(527)	(57,079)
Share in profit of joint ventures and associates, net	264,038	47,140	6,025	-	6,962	(02.7)	324,165
EBITDA	458,235	107,975	159,566	43,825	4,884	(24,782)	749,703
EBITDA, %	61%	14%	21%	6%	1%	(3%)	
Depreciation, depletion and amortization	(62,456)	(20,416)	(70,527)	(1,541)	(5,142)	<u> </u>	(160,082)
Finance income	32,815	2,482	3,283	84,385	4,262	(92,582)	34,645
Finance costs	(9,670)	(2,522)	(40,647)	(103,274)	(2,392)	42,681	(115,824)
Impairment of property, plant and equipment, exploration and evaluation assets and assets classified as held for							, ,
sale	3	-	-	-	(3,761)	-	(3,758)
Exploration expenses	(19,800)	-	_	-		-	(19,800)
Income tax expenses	(77,295)	(9,110)	(12,893)	(6,023)	(764)		(106,085)
Net profit for the period	315,409	10,965	39,372	99,480	(3,463)	(72,075)	389,688
Other segment information							
Investments in joint ventures and associates	5,904,568	523,747	47,395		74,674	-	6,550,384
Capital expenditures	72,537	40,676	11,607	4,561	7,352	29,772	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	(4,854)	(9,686)	(40,898)	(28,518)	(9,023)	_	(92,979)
Assets of the segment	8,624,757	1,213,613	3,000,106	1,580,623	322,0C8	(1,088,846)	13,652,261
Liabilities of the segment	868,902	216,809	1,994,289	3,378,313	100,458	(1,065,191)	5,493,580

^{*}Certain numbers shown here do not correspond to the consolidated financial statements for the six months ended June 30, 2021 and reflect adjustments made, refer to Note 4.

26. SUBSEQUENT EVENTS

Dividends received

In July and August 2022 the Company received dividends from Kazakhstan - China Pipeline LLP, KazGerMunay LLP, Munay Tas LLP and KMG Kashagan B.V., the joint ventures, of 5,000 million tenge, 4,759 million tenge, 2,637 million tenge and 567 million US dollars (equivalent to 266,118 million tenge), respectively, and from Caspian Pipeline Consortium, the associate, of 129 million US dollars (equivalent to 61,046 million tenge).

Acquisitions

In July 2022, the Company acquired 49% of shares in Petrosun LLP that specializes in the sale of liquefied petroleum gas and petroleum products. As a result of the analysis the Group recognized Petrosun LLP as a joint venture and accounts for using the equity method in accordance with IAS 28.

Incident at the Kashagan field

On August 3, 2022, a leak was discovered at the Kashagan field (North Caspian project) at the preliminary gas sampling facility. As a result, production was completely stopped. Since August 10, the production has been partially resumed. NCOC, the project operator, is conducting an incident assessment inspection and restoration work.