07

APPENDICES

APPENDIX A: ABOUT THE REPORT

GRI 2-3, 2-4, 2-5, 2-14, 3-1

NC KazMunayGas JSC has been publishing sustainable development reports annually since 2008. Since 2012, reporting has been prepared in accordance with the Global Reporting Initiative (GRI) Standards, ensuring a systematic, consistent, and comparable approach to the disclosure of information on the Company's activities.

This Sustainable Development Report has been prepared in accordance with the GRI Standards, including the industry specific GRI 11: Oil and Gas Sector 2021, and reflects the material economic, environmental, and social aspects of KMG's activities. The preparation process also took into account the requirements of the SASB industry standards for the oil and gas sector, as well as IFRS S1 "General Requirements for Disclosure of Sustainability related Financial Information" and IFRS S2 "Climate related Disclosures", ensuring alignment with international ESG and climate reporting practices.

The reporting period covers the 2025 calendar year, from January 1 to December 31, 2025. To ensure comparability and facilitate trend analysis, key indicators are presented for a number of previous years. Financial and production results are disclosed based on consolidated data of the KMG Group of Companies. The Report uses data from management reporting and audited consolidated financial statements of KMG prepared in accordance with International Financial Reporting Standards and published annually.

The reporting boundaries include KMG and its subsidiaries and affiliates in which the Company directly or indirectly owns 50% or more of voting shares (equity interests), as well as legal entities under KMG's control. A detailed description of the consolidation perimeter and disclosure specifics for individual indicators is provided in the relevant sections and appendices of the Report.

The Report preparation process is based on the GRI principles, including the identification of material topics taking into account the Company's impacts on the economy, the environment, and society, as well as the assessment of their significance for stakeholders. As part of the preparation process, the list of material topics was updated, risks and opportunities were analyzed, and stakeholder engagement was carried out. More detailed information on the sustainable development management process and approaches to stakeholder engagement is disclosed in the relevant section of the Report.

To confirm the reliability and credibility of the disclosed data, selected indicators in the Report are subject to independent external assurance. Indicators marked with the symbol "A" have undergone independent external assurance providing limited assurance in accordance with ISAE 3000 (Revised). The assurance service provider is selected through a competitive tender process in accordance with the procurement procedures of Samruk-Kazyna JSC. The independent assurance report is presented as part of this Report.

The Sustainable Development Report is approved by a resolution of the Board of Directors of KMG and communicated to stakeholders through publication on the official corporate website and distribution of a printed version. Electronic and interactive versions of the Report are available on the Company's official website in Kazakh, Russian, and English.

The preparation of this Report is aimed at ensuring transparency of KMG's activities, disclosing the Company's approach to managing ESG risks and opportunities, and informing stakeholders about strategic priorities and performance in the field of sustainable development and long term value creation.

Reporting boundaries

GRI 2-2

The reporting boundaries of NC KazMunayGas JSC encompass subsidiaries and affiliates in which KMG directly or indirectly holds 50% or more of the voting shares (ownership interest), or which are under operational control of the Company in accordance with applicable regulatory requirements and corporate agreements.

In 2025, changes to the reporting boundary were driven by corporate restructuring. KazMunayGas Exploration and Production JSC was excluded from the reporting perimeter following the liquidation of the legal entity, and Polymer Production LLP was also excluded due to a reduction of KMG's ownership interest to 40%. During the reporting year, Coöperatieve KMG EP U.A., which carries out holding investment activities, was included within the reporting boundary. The total number of subsidiaries included in the reporting perimeter amounted to 63 subsidiaries.

Consolidated reporting

As of December 31, 2025, the consolidated financial statements of KMG include the following key entities:

- KMG Karachaganak LLP
- KazakhTurkMunay LLP
- KMG Kashagan B.V.
- Ozenmunaigas JSC
- Embamunaigas JSC
- Dunga Operating GmbH
- KazTransOil JSC
- National Maritime Shipping Company Kazmortransflot LLP
- Cooperative KazMunayGas PKI U.A.
- Atyrau Oil Refinery LLP
- Pavlodar Oil Chemistry Refinery LLP
- KMG International N.V.
- KMG Drilling&Services LLP

The sustainability reporting boundary includes 15 joint ventures whose operational activities are controlled by the Company and which are accounted for using the equity method in KMG's consolidated financial statements in accordance with IFRS.

Approach to the consolidation of non-financial indicators

The approach to consolidating non-financial indicators is based on the principle of operational control. For organizations included in the reporting perimeter for the relevant sections and indicators, data is accounted for in full (100%), without proportional distribution by shareholding.

Reporting Boundaries for Foreign Subsidiaries and Affiliates

When defining the boundaries of sustainability reporting, the requirements of the national legislation of the Republic of Kazakhstan, as well as the Company's applicable internal regulatory documents, are taken into account. Accordingly, indicators for certain areas of sustainable development are consolidated primarily with respect to entities operating within the territory of the Republic of Kazakhstan. Foreign companies of the Group operating in other jurisdictions and subject to different regulatory requirements, as well as applying their own internal regulatory documents that differ from the Company's policies, are not included in the consolidation perimeter for certain indicators, including industrial safety and occupational health indicators, procurement practices, and environmental indicators, with the exception of greenhouse gas emissions. Detailed reporting boundaries for all indicators are presented in Table 28 "Reporting Boundaries".

The Company's main foreign asset is KMG International N.V., which operates in Europe and manages refining assets in Romania through Rompetrol Rafinare S.A. KMG International N.V., as well as Rompetrol Rafinare S.A. separately, publish their own sustainability reports prepared in accordance with applicable European regulatory requirements (ESRS/CSRD), available at: https://www.rompetrol.com/group-reports.

The Company consistently improves the processes for collecting and consolidating non-financial data across all subsidiaries. The Company estimates that the indicators for foreign subsidiaries and affiliates required for consolidation will be available on a comparable basis within the next three years.

With the exception of KMG International N.V., KMG has no other foreign subsidiaries and affiliates engaged in oil and gas production or refining as part of its core operations.

Reporting boundaries by sections and indicators

The non-financial reporting sections are structured considering the specifics of KMG Group activities and include the following coverage scopes:

- **Corporate Governance** – Includes all KMG subsidiaries and affiliates, regardless of ownership share.
- **Financial and Operating Results** – Presented based on consolidated financial reporting prepared in accordance with International Financial Reporting Standards (IFRS).
- **Human Resource Management** – Covers entities with the largest number of employees.
- **Communities and Social Investments** – Applies to key subsidiaries involved in the implementation of social programs.
- **Industrial Safety and Occupational Health** – Covers key production companies.
- **Water Resource Management** – Involves enterprises with significant water use.
- **Greenhouse Gas Emissions** – Includes the largest entities operating in oil and gas exploration, production, and processing.
- **Air Emissions Control** – Covers entities with the highest emission volumes.
- **Associated Gas Utilization** – Applies to companies with the most substantial volumes of associated petroleum gas.
- **Energy Use and Efficiency** – Encompasses the most energy-intensive operations.
- **Waste Management** – Includes the largest entities involved in oil and gas exploration, production, and processing.
- **Biodiversity** – disclosures cover the Company's approach to managing biodiversity impacts, descriptions of the location and environmental context of sites with the most significant impacts, and qualitative characteristics of direct factors through which the Company's activities may affect ecosystems.

TABLE 28. REPORTING BOUNDARIES

№	ESG sectors / GRI disclosures	Effective ownership stake of KMG	Ecology (E): Energy			Water resources			Biodiversity			Emissions						Waste management		
			GRI 302-1	GRI 302-3	GRI 302-4	GRI 303-3	GRI 303-4	GRI 303-5	GRI -101-2	GRI 104-5	GRI 105-6	GRI 305-1	GRI 305-2	GRI 305-3	GRI 305-4	GRI 305-5	GRI 305-7	GRI 306-3	GRI 306-4	GRI 306-5
1	NC “KazMunayGas” JSC	100%							✓	✓	✓		✓							
2	“KMG International” N.V.	100%																		
3	Coöperatieve KMG EP U.A.	100%																		
4	KMG EP Netherlands Energy Coöperatief	100%																		
5	TH KazMunaiGaz B.V.	100%																		
6	Cooperative KazMunaiGaz U.A	100%																		
7	KMG Finance Sub B.V.	100%																		
8	“KazMunaiTeniz” LLP	100%																		
9	“KMG Karachaganak” LLP	100%																		
10	“KazakhTurkMunai” LLP	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
11	KMG Kashagan B.V.	100%																		
12	Dunga Operating GmbH	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	“Ozenmunaigas” JSC	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	“Embamunaigas” JSC	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	“Uriktau Operating” LLP	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	“Bolashak Operating” LLP	100%																		
17	“KMG Barlau” LLP	100%																		
18	“KMG-Kumkol” LLP	100%							✓	✓	✓									
19	“Mangistaumunaigas” JSC	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	“Kazakhoil Aktobe” LLP	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	“Karazhanbasmunai” JSC	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	“Kazgermunai” JV LLP	66%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	“Oral Oil and Gas” LLP	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	“Al-Farabi Operating” LLP	50,01%							✓	✓	✓									
25	“Mangystauenergomunai” LLP	100%							✓	✓	✓						✓	✓	✓	✓
26	PC “Karaton Operating Ltd.”	50%																		
27	“Isatay Operating Company” LLP	50%							✓	✓	✓									
28	“Kalamkas-Khazar Operating” LLP	50%							✓	✓	✓									
29	“Petrosun” LLP	49%																		
30	“Becturly Energy Operating” LLP	50%																		

№	GRI disclosures	Effective ownership stake of KMG	Social policy (S): Social policy				Human capital management											Occupational health and industrial safety		Economic impact (G): Generated value					Anti-corruption	
			GRI 2-27	GRI 413-1	GRI 413-2	GRI 414-1	GRI 2-7	GRI 2-8	GRI 2-30	GRI 202-2	GRI 401-1	GRI 401-3	GRI 405-1	GRI 405-2	GRI 406-1	GRI 404-1	GRI 404-3	GRI 403-8	GRI 403-9	GRI 201-1	GRI 201-4	GRI 203-1	GRI 203-2	GRI 204-1	GRI 205-2	GRI 205-3
1	NC “KazMunayGas” JSC	100%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
2	“KMG International” N.V.	100%		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
3	Coöperatieve KMG EP U.A.	100%		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
4	KMG EP Netherlands Energy Coöperatief	100%		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
5	TH KazMunaiGaz B.V.	100%		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
6	Cooperative KazMunaiGaz U.A	100%		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
7	KMG Finance Sub B.V.	100%		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			
8	“KazMunaiTeniz” LLP	100%		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		
9	“KMG Karachaganak” LLP	100%		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓
10	“KazakhTurkMunai” LLP	100%		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	KMG Kashagan B.V.	100%		✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓
12	Dunga Operating GmbH	100%		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓
13	“Ozenmunaigas” JSC	100%	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	“Embamunaigas” JSC	100%	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	“Uriktau Operating” LLP	100%		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	“Bolashak Operating” LLP	100%		✓	✓															✓	✓		✓			
17	“KMG Barlau” LLP	100%		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓
18	“KMG-Kumkol” LLP	100%		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
19	“Mangistaumunaigas” JSC	50%	✓	✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓
20	“Kazakhoil Aktobe” LLP	50%		✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓
21	“Karazhanbasmunai” JSC	50%		✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓
22	“Kazgermunai” JV LLP	66%		✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓
23	“Oral Oil and Gas” LLP	50%		✓	✓	✓													✓	✓	✓	✓	✓	✓		
24	“Al-Farabi Operating” LLP	50,01%		✓	✓															✓	✓		✓			
25	“Mangystauenergomunai” LLP	100%		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
26	PC “Karaton Operating Ltd.”	50%		✓	✓															✓	✓		✓			
27	“Isatay Operating Company” LLP	50%		✓	✓															✓	✓		✓			
28	“Kalamkas-Khazar Operating” LLP	50%		✓	✓															✓	✓		✓		✓	✓
29	“Petrosun” LLP	49%		✓	✓															✓	✓		✓			
30	“Becturly Energy Operating” LLP	50%		✓	✓														✓	✓	✓		✓			

31	“Kurmangazy Petroleum” LLP	100%																				✓	✓															✓	✓	✓		✓	✓
32	“KazTransOil” JSC	90%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	“NMSC Kazmortransflot” LLP	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	“Main Water Pipeline” LLP	90%				✓	✓	✓	✓	✓	✓							✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
35	“Water Production and Transportation Management” LLP	100%							✓	✓	✓							✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	“Petrotrans Limited” LLP	90%																				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			
37	“Batumi Oil Terminal” LLP	90%										✓	✓		✓							✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			
38	“Batumi Sea Port” LLP	90%																				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			
39	“Oil Transportation Corporation” LLP	100%							✓	✓	✓						✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
40	“Atyrau Oil Refinery” LLP	99,53%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	“Pavlodar Oil Chemistry Refinery” LLP	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42	“KazGPP” LLP	100%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
43	“KMG PetroChem” LLP	100%							✓	✓	✓											✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
44	“PetroKazakhstan Oil Products” LLP	49,72%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													✓	✓	✓	✓			
45	JV CASPI BITUM LLP	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓												✓	✓	✓	✓	✓		
46	“Kazakhstan Petrochemical Industries Inc.” LLP	49,50%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												✓	✓	✓	✓	✓	✓	✓
47	Rompetrol Rafinare SA (Petromidia)	54,62%										✓	✓	✓	✓							✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			
48	“Vega” Oil Refinery	54,62%										✓	✓	✓	✓							✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			
49	“KMG Drilling & Services” LLP	100%																				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
50	“Oil Construction Company” LLP	100%							✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
51	“Oil Services Company” LLP	100%							✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
52	“Ken-Construction-Service” LLP	100%																✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
53	“KMG-Security” LLP	100%																				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54	“OzenMunaigasService” LLP	100%							✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	“KazMunayGasService” LLP	100%																				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
56	“KMG Engineering” LLP	100%							✓	✓	✓											✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57	“KMG-Aero” LLP	100%																				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58	“KMG Systems & Services” LLP	100%																✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
59	“MunaiTelecom” LLP	100%							✓	✓	✓						✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	“KMG EP-Catering” LLP	100%							✓	✓	✓						✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
61	“Aq Su KMG” LLP	100%																				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
62	“Professional Geo Solutions Kazakhstan” LLP	50%																				✓	✓	✓												✓	✓	✓	✓	✓	✓	✓
63	“Green Energy” LLP	100%																				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		