

GLOSSARY

1P reserves - Proved reserves	CNODC - China National Oil and Gas Exploration and Development Company
2P reserves - Proved plus Probable reserves	CFO - Chief Financial Officer
3P reserves - Proved plus Probable plus Possible reserves	CNG - compressed natural gas
4ICP - Fourth Injection Compressor Project	CNPC - China National Petroleum Corporation
5TL - 5th Trunkline	CRMS - the corporate risk management system
A&M - Agriculture & Mechanical	CFA - Chartered Financial Analyst
AC- Audit Committee	Code - KMG Corporate Governance Code
AG - Amangeldy Gas LLP	COVINA - Companhia Vidreira Nacional
AGP - Asia Gas Pipeline	CDP - Carbon Disclosure Project
AIFC - Astana International Financial Centre	CNG - Compressed natural gas
APG - Associated petroleum gas	Capex - Capital expenditures
APC - The Automated Process Control	CITIC - China International Trust and Investment Corporation
BSc - Bachelor of Science	DBK - Development Bank of Kazakhstan
BCMS - business continuity management system	DTP - Digital Transformation Program
BATNEEC - Best Available Techniques not Entailing Excessive Costs	D&O - Directors and Officers
BTUs - quadrillion	EP - Exploration & Production
BP - British Petroleum	ENPF - JSC Unified Accumulative Pension Fund
bln - billion	ESG - Environmental, social and corporate governance
bcf - billion cubic feet	ECB - European Central Bank
bln m3 - billion cubic meters	EIA - Environmental Impact Assessment Exporting Countries
BGR-TBA - Bukhara gas-bearing region - Tashkent-BishkekAlmaty	EBITDA - Earnings before interest, taxes, depreciation and amortization
BSGP - Beineu-Shymkent Gas Pipeline	EIA - Electronic Industries Alliance
BTUs - quadrillion	ESG - Environmental Social Governance
Code - KMG Corporate Governance Code	EDP - Electricidade de Portugal
CFO - Chief Financial Officer	E&E - exploration and evaluation
CDP - Carbon Disclosure Project	EY - Ernst & Young
CPC - Caspian Pipeline Consortium	FCF - Free cash flow
CFO - Cash flow from operating activities	FDI - Foreign direct investment
CJSC - Closed joint-stock company	FAR - Fatality Accident Rate

FGP - the Future Growth Project	KMG - Joint stock company National company KazMunaiGas
FPSA - the Final Production Sharing Agreement	KTO - KazTransOil
FC - Finance Committee	KCP - Kazakhstan-China Pipeline
GJ - gigajoule	KMG EP - KazMunaiGas Exploration Production
Gcal - gigacalorie	KMGI - Kazmunaigas International
GHG - Greenhouse gas	KPI - Key performance indicator
GPS - Global Positioning System	KMTF - Kazmortransflot
GGFR - Global Gas Flaring Reduction Partnership	KZT - Kazakhstan tenge
GRI - Global Reporting Initiative	KTG - KazTransGas
GDP - Gross Domestic Product	KTGA - KazTransGas Aimak
GRI - Global Reporting Initiative's	kWh - Kilowatt-hour
G&A - General and administrative	KPI - Key Performance Indicators
GTU - Gas Treatment Unit	KTL - Complex Technology Lines
GHG - Greenhouse Gas	KRI - key risk indicator
HDPE - high-density polyethylene	KASE- Kazakhstan Stock Exchange JSC
HSE - Health, safety and environment	KGDBN - KPC Gas Debottlenecking Project
HSE & SD Com - Health, Safety, Environment and Sustainable Development Committee	LNG - liquefied natural gas
ICA - Intergas Central Asia	LDPE - low-density polyethylene
IPO - Initial public offering	LPG - Liquefied petroleum gas
IMF - International Monetary Fund	LLP - limited liability Partnership
IT - Information Technology	LTIR - Lost Time Incident Rate
IOGP - International Association of Oil & Gas Producers	LLB - Bachelor of laws
ISO - International Organization for Standardization	MMboe - million barrels of oil equivalent
IPIECA - International Petroleum Industry Environmental Conservation Association	mIn - million of oil equivalent
IFRS - International Financial Reporting Standards	MBA - Master in Business Administration MMtoe= million tonnes of oil equivalent
ICS - internal control system	MIT - Massachusetts Institute of Technology
IAS - Internal Audit Service	thous. - thousand
INED - Independent Non-Executive Director	MS - Management system
JSC - Joint stock company	MRM - Maintenance and repair management
JV - Joint venture	MVP - The Minimum Viable Product
JM - Jerónimo Martins	MT - MunaiTas

MNC - Offshore Oil Company	PSA - Production Sharing Agreement
M&A - Mergers and Acquisitions	ROACE - Return on Average Capital Employed
mIn tonnes - million tonnes	R&D - Research and Development
NBK - the National Bank of Kazakhstan	SJSC - State joint stock company
NC - National company	SPE - Society of Petroleum Engineers
NCOT - National oil transportation company	SSI - Social Stability Index
NED - Non-Executive Director	SACP - stand-alone credit profile
NCS PSA - The North Caspian Sea Production Sharing Agreement	Samruk-Kazyna JSC, the Fund - Sovereign Wealth, Fund Samruk-Kazyna Joint-Stock Company
NMC - National Mining Company	SDG - Sustainable Development Goals
NOGC - National Oil and Gas Company	SEP - Stanford Executive Program
NMSC - National Maritime Shipping Company	S&P - Standard & Poor's
NYSE - New York Stock Exchange	SACP - Stand-alone credit profile
NRC - Nomination and Remuneration Committee	SPMC - Strategy and Portfolio Management Committee
NCOC - North Caspian Operating Company	TCO - Tengizchevroil
OHSAS - Occupational Health and Safety Assessment Series	UN - United Nations
OECD - Organisation for Economic Co-operation and Development	UNGC - UN Global Compact
OPEC - The Organization of the Petroleum	UGS - underground gas storage
OGPP - Orenburg Gas Processing Plant	USD - United States dollar
OJSC - Open joint stock company	UK - United Kingdom
plc- Public limited company	WWF - World Wide Fund for Nature
PRMS - Petroleum Resources Management System	WPMP - the Wellhead Pressure Management Project
PJSC - Public joint-stock company	WEC - World Energy Council
PKOP - PetroKazakhstan Oil Products LLP	