

GRI Content Index

Statement of use

Karachaganak Petroleum Operating B.V. has reported in accordance with the GRI Standards for the period 01.01.2022-31.12.2022.

GRI 1 used

GRI 1: Foundation 2021

Applicable GRI Sector Standard(s)

GRI 11: Oil and Gas Sector 2021, G4 Oil & Gas 2012

	UNI	VERSAL STANDARD	s					
No.	Disclosures	Location	Comments to SR / Omissions					
GRI 2: General disclosures 2021								
The organization and its reporting practices								
2-1	Organizational details	6, 18, 36 (back cover)						
2-2	Entities included in the organization's sustainability reporting	This Report covers the KPO B.V. Brand	s the operations and development projects of ch in Qazaqstan					
2-3	Reporting period, frequency and contact point	7, 171 (back cover)						
2-4	Restatements of information	68						
2-5	External assurance	8						
	Acti	ivities and worker	s					
2-6	Activities, value chain and other business relationships	7, 18-21, 36, 128, 132	No significant changes					
2-7	Employees	68-69						
2-8	Workers who are not employees	68						
		Governance						
2-9	Governance structure and composition	36-37						
2-10	Nomination and selection of the highest governance body	36, 38						
2-11	Chair of the highest governance body	36						
2-12	Role of the highest governance body in overseeing the management of impacts	37-40						
2-13	Delegation of responsibility for managing impacts	36-37, 39-40						
2-14	Role of the highest governance body in sustainability reporting	39						
2-15	Conflicts of interest	44-45						
2-16	Communication of critical concerns	26, 39-40						
2-17	Collective knowledge of the highest governance body	8						
2-18	Evaluation of the performance of the highest governance body	36						





	UNIVERSAL STANDARDS							
No.	Disclosures	Location	Comments to SR / Omissions					
2-19	Remuneration policies	38, 72-73						
2-20	Process to determine remuneration	72						
2-21	Annual total compensation ratio	72						
	Strateg	, policies and prac	tices					
2-22	Statement on sustainable development strategy	4						
2-23	Policy commitments	2, 4, 29, 31, 35, 42, 46, 49, 50, 55, 58, 66, 82, 86, 87, 91, 94, 109, 127						
2-24	Embedding policy commitments	42, 44, 83, 94						
2-25	Processes to remediate negative impacts	26, 46, 83, 88						
2-26	Mechanisms for seeking advice and raising concerns	46, 71, 83-84, 88						
2-27	Compliance with laws and regulations	47, 95						
2-28	Membership associations	9, 131, 133						
	Stak	eholder engageme	nt					
2-29	Approach to stakeholder engagement	12-13, 31, 55-56, 88, 95, 129						
2-30	Collective bargaining agreements	71, 73						
	GRI 3: Material Topics 2021							
3-1	Process to determine material topics	12, 14, 94						
3-2	List of material topics	12, 14	No significant changes					

	TOPIC-SPECIFIC DISCLOSURES						
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions			
	Topic 11.1 GHG emissions						
GRI 3: Material Topics 2021	3-3 Management of material topics	11.1.1	94, 104, 108-110				
GRI 302: Energy 2016	302-1 Energy consumption within the organization	11.1.2	109	302-1 – c (ii, iii, iv), d. Not applicable. KPO does not keep separate records on steam consumption and energy consumption for cooling; this data is included in the total amount of electricity consumption. KPO does not sell electricity, heat, air conditioning and steam. KPO applies standards, methods and convensions regulated by the RoQ normative documents in energy saving and energy efficiency.			
	302-2 Energy consumption outside of the organization	11.1.3		Not applicable			
	302-3 Energy intensity	11.1.4	110				

		TOPIC-SPECIFIC	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	11.1.5	107	
	305-2 Energy indirect (Scope 2) GHG emissions	11.1.6	107	
	305-3 Other indirect (Scope 3) GHG emissions	11.1.7		Information unavailable
	305-4 GHG emissions intensity	11.1.8	107	
G4 Oil and Gas Sector Disclosures 2012	OG6 Volume of flared and vented hydrocarbon		106	
	Topic 11.2 C	limate adaptati	on, resilience, and tr	ansition
GRI 3: Material Topics 2021	3-3 Management of material topics	11.2.1	92-94	
GRI 201: Economic Performance 2016	201-2 Financial implications and other risks and opportunities due to climate change	11.2.2	135	Information unavailable
G4 Oil and Gas Sector Disclosures 2012	OG2 Total amount invested in renewable energy		135	
GRI 305: Emissions 2016	305-5 Reduction of GHG emissions	11.2.3	93	Information incomplete
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria		96	Information incomplete
	308-2 Negative environmental impacts in the supply chain and actions taken		96	

		TOPIC-SPECIFIC	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
		Topic 11.3 A	ir emissions	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.3.1	94, 104	
GRI 305: Emissions 2016	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	11.3.2	105-107	
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	11.3.3	21	There were not registered any impacts with regards to customer health and safety.
		Topic 11.4 l	Biodiversity	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.4.1	94, 122	
GRI 304: Biodiversity 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	11.4.2	Website https://kpo.kz: Preservation of Biodiversity	
	304-2 Significant impacts of activities, products, and services on biodiversity	11.4.3	124; website https://kpo.kz: Monitoring of flora and fauna	
	304-3 Habitats protected or restored	11.4.4	99	
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	11.4.5	Website https://kpo.kz: Preservation of Biodiversity	

		TOPIC-SPECIFI	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
		Topic 11	.5 Waste	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.5.1	94, 118	
GRI 306: Waste 2020	306-1 Waste generation and significant wasterelated impacts	11.5.2	118	
	306-2 Management of significant waste-related impacts	11.5.3	119	
	306-3 Waste generated	11.5.4	119-120	
	306-4 Waste diverted from disposal	11.5.5	119-121	
	306-5 Waste directed to disposal	11.5.6	119-121	
G4 Oil and Gas Sector Disclosures 2012	OG7 Amount of drilling waste and strategies for treatment and disposal		118, 121	
		Topic 11.6 Wate	er and effluents	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.6.1	94, 112	
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	11.6.2	112-113	
	303-2 Management of water discharge-related impacts	11.6.3	114, 117	
	303-3 Water withdrawal	11.6.4	113-114	
	303-4 Water discharge	11.6.5	114-115	
	303-5 Water consumption	11.6.6	113-114	
GRI 303: Water 2016	303-3 Water recycled and reused		116	

		TOPIC-SPECIFI	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
	To	pic 11.7 Closure	and rehabilitation	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.7.1	67, 94	
GRI 402: Labor/ Management Relations 2016	402-1 Minimum notice periods regarding operational changes	11.7.2	In accordance with the Collective agreement, KPO has the obligation to raise a minimum two-month (8 weeks) notice to Trade Unions in case of liquidation of the Company with a subsequent reduction in staff, system or amount of remuneratile leading to deprivation of employees' conditions.	
GRI 404: Training and Education 2016	404-2 Programs for upgrading employee skills and transition assistance programs	11.7.3	67	
GRI 304: Biodiversity 2016	304-3 Habitats protected or restored	11.4.4	99	
	Topic 11.8 Ass	set integrity and	critical incident ma	nagement
GRI 3: Material Topics 2021	3-3 Management of material topics	11.8.1	26	KPO impact boundary covers KPO facilities at the Karachaganak field, the export pipeline
GRI 306: Effluents and Waste 2016	306-3 Significant spills	11.8.2	28	in West Qazaqstan and Atyrau oblasts. The topic covers KPO and contractors.
G4 Oil and Gas Sector Disclosures 2012	OG13 Number of process safety events, by business activity	11.8.3	26-28	

		TOPIC-SPECIFIC	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
	Торіс	: 11.9 Occupatio	nal health and safet	у
GRI 3: Material Topics 2021	3-3 Management of material topics		41, 50, 58	
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	11.9.2	41; website https:// kpo.kz: Integrated HSE Management System	
	403-2 Hazard identification, risk assessment, and incident investigation	11.9.3	26, 28, 51, 60, 62; website https:// kpo.kz: HSE Card Programme	
	403-3 Occupational health services	11.9.4	60-65	
	403-4 Worker participation, consultation, and communication on occupational health and safety	11.9.5	website https:// kpo.kz; HSE Card Programme	
	403-5 Worker training on occupational health and safety	11.9.6	29, 55, 79	
	403-6 Promotion of worker health	11.9.7	60-63	
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	11.9.8	26, 28, 41, 55	
	403-8 Workers covered by an occupational health and safety management system	11.9.9	41	
	403-9 Work-related injuries	11.9.10	51-53, 57	
	403-10 Work-related ill health	11.9.11	62	

		TOPIC-SPECIFI	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
	Т	opic 11.10 Empl	oyment practices	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.10.1	66-67	
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	11.10.2	70	
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	11.10.3	71, 73	
	401-3 Parental leave	11.10.4	73	
GRI 402: Labor/ Management Relations 2016	402-1 Minimum notice periods regarding operational changes	11.10.5	In accordance with the Collective Agreement, KPO has the obligation to raise a minimum two-month (8 weeks) notice to Trade Unions in case of liquidation of the Company with a subsequent reduction in staff, system or amount of remuneratio leading to deprivation of employees' conditions.	
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	11.10.6	73, 79	
	404-2 Programs for upgrading employee skills and transition assistance programs	11.10.7	71, 76, 78, 80-81	
	404-3 Percentage of employees receiving regular performance and career development reviews		73	
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	11.10.8	46, 128	
	414-2 Negative social impacts in the supply chain and actions taken	11.10.9	59, 83-84	

		TOPIC-SPECIFI	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
	Topic 11.11	Non-discrimina	ntion and equal oppo	rtunity
GRI 3: Material Topics 2021	3-3 Management of material topics	11.11.1	42-43, 66-67	KPO impact boundary covers Qazaqstan. Terms of the Collective Agreement are reviewed every 2-3 years.
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage		72	202-1-a. Not applicable There are no differences in salary levels by gender. Karachaganak O&G condensate field located in the Western Qazaqstan Oblast (Republic of Qazaqstan) relates to 'significant location of operations'.
	202-2 Proportion of senior management hired from the local community	11.11.2	74	By 'senior management' is meant to be Executive management and their deputies' given in category 1+2 in «Increase of Local Content in Staff by categories of employees» (Tab. 16, p. 70). 'Local' in the context refers to national employees, the citizens of the Republic of Qazaqstan. Karachaganak O&G condensate field located in the Western Qazaqstan Oblast (Republic of Qazaqstan) relates to 'significant location of operations'.
GRI 401: Employment 2016	401-3 Parental leave	11.11.3	73	
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	11.11.4	73, 79	
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	11.11.5	68-70, 74	
	405-2 Ratio of basic salary and remuneration of women to men	11.11.6	Karachaganak O&G condensate field located in the Western Qazaqstan Oblast (Republic of Qazaqstan) relates to 'significant location of operations'. Basic salaries are established for employe categories regardless of gender, and hence basic salaries for women and men are equal.	
GRI 406: Non- discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	11.11.7	There were not regis the reporting period	stered any cases of discrimination during l.

		TOPIC-SPECIFI	C DISCLOSURES			
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions		
Topic 11.12 Forced labor and modern slavery						
GRI 3: Material Topics 2021	3-3 Management of material topics	11.12.1	42-43	KPO impact boundary covers West Qazaqstan Oblast. Terms of the Collective Agreement are reviewed every 2-3 years.		
GRI 408: Child Labor	408-1 Operations and suppliers at significant risk for incidents of child labor		43			
GRI 409: Forced or Compulsory Labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	11.12.2	43, 83			
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	11.12.3	46, 128			
	Topic 11.13 Fre	edom of associ	ation and collective l	pargaining		
GRI 3: Material Topics 2021	3-3 Management of material topics	11.13.1	43, 46, 82	KPO impact boundary covers West Qazaqstan Oblast. Terms of the Collective Agreement are reviewed every 2-3 years.		
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	11.13.2	83			

	TOPIC-SPECIFIC DISCLOSURES							
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions				
		Topic 11.14 Eco	onomic impacts					
GRI 3: Material Topics 2021	3-3 Management of material topics	11.14.1	66-67, 128, 130					
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	11.14.2	132					
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage		72	202-1-a. Not applicable There are no differences in salary levels by gender. Karachaganak O&G condensate field located in the Western Qazaqstan Oblast (Republic of Qazaqstan) relates to 'significant location of operations'.				
	202-2 Proportion of senior management hired from the local community	11.14.3	74	By 'senior management' is meant to be Executive management and their deputies' given in category 1+2 in «Increase of Local Content in Staff by categories of employees» (Tab. 16, p. 70). 'Local' in the context refers to national employees, the citizens of the Republic of Qazaqstan.				
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	11.14.4	61, 134, 136-137					
	203-2 Significant indirect economic impacts	11.14.5	130					
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	11.14.6	130-131					
G4 Oil and Gas Sector Disclosures 2012	OG1 Volume and type of estimated proved reserves and production		18	Information incomplete				



TOPIC-SPECIFIC DISCLOSURES							
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions			
		Topic 11.15 Loca	al communities				
GRI 3: Material Topics 2021	3-3 Management of material topics	11.15.1	86	The KPO impact boundary covers the local communities in villages along the perimeter of the Karachaganak field and Aksai town in the Burlin district of WQO			
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programmes	11.15.2, 11.15.4	87-88, 100-101, 103; website https://kpo. kz; Atmospheric				
	413-2 Operations with significant actual and potential negative impacts on local communities	11.15.3	air monitoring in the villages adjacent to the Karachaganak field				
	То	pic 11.16 Land a	nd resource rights				
GRI 3: Material Topics 2021	3-3 Management of material topics	11.16.1	86	The KPO impact boundary covers the local communities in villages along the perimeter of the Karachaganak field and Aksai town in the Burlin district of WQO			
G4 Oil and Gas Sector Disclosures 2012	OG12 Operations where involuntary resettlement took place, the number of households resettled in each and how their livelihoods were affected in the process	11.16.2	87, 89; website https://kpo.kz: Ressetlement of the Berezovka and Bestau villages, KPO Sustainability Report 2017, pp.105-106				
	Торі	ic 11.17 Rights of	indigenous peoples				
Not applicable for Qa	azaqstan						
		Topic 11.18 Conf	lict and security				
GRI 3: Material Topics 2021	3-3 Management of material topics	11.18.1	82, 85	The impact boundary covers KPO and contractors within the facilities of the Karachaganak field, the West Qazaqstal Oblast and the export pipeline facilities in the Atyrau Oblast			
GRI 410: Security Practices 2016	410-1 Security personnel trained in human rights policies or procedures	11.18.2	85				



		TOPIC-SPECIFIC	C DISCLOSURES	
GRI Standard/ Material topics	Disclosure	GRI 11 Sector Standard Ref. No.	Location in Report	Comments to SR / Omissions
	Тор	oic 11.19 Anti-co	mpetitive Behavior	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.19.1	42	
GRI 206: Anticompetitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	11.19.2	47	
		Topic 11.20 A	nti-corruption	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.20.1	42	
GRI 205: Anti- corruption 2016	205-1 Operations assessed for risks related to corruption	11.20.2	44, 46	
	205-2 Communication and training about anti- corruption policies and procedures	11.20.3	45-46	
	205-3 Confirmed incidents of corruption and actions taken	11.20.4	44	
	Тор	oic 11.21 Payme	nts to governments	
GRI 3: Material Topics 2021	3-3 Management of material topics	11.21.1	130	
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	11.21.2	132	
	201-4 Financial assistance received from government	11.21.3	KPO did not receive monetary financial assistance from the republic for the reporting period and doesn't make any donations to government/political needs.	
GRI 207: Tax 2019	207-1 Approach to tax	11.21.4	132	
	207-2 Tax governance, control, and risk management	11.21.5	132	
	207-3 Stakeholder engagement and management of concerns related to tax	11.21.6	132	
	207-4 Country-by-country reporting	11.21.7	132	

Topic 11.22 Public policy

As stated in the KPO Business Principles and the Code of Conduct, Political Payments or "in-kind contributions" must never be made by KPO or by Trade Associations with KPO funds. KPO must not take part in party politics.