

Our Sustainability metrics

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Parent Companies' shares						
Eni	%	29.25	29.25	29.25	29.25	29.25
Shell	%	29.25	29.25	29.25	29.25	29.25
Chevron Corporation	%	18	18	18	18	18
LUKOIL	%	13.5	13.5	13.5	13.5	13.5
NC KazMunayGas	%	10	10	10	10	10
Parent Companies' Investment by year end GRI 201-1						
Taxes and payments to RoQ Government (Extractive Industries Transparency Initiative)	bIn USD	3	1.6	0.971	1.6	1.9
Aggregate investment into social infrastructure of West Qazaqstan Oblast, including construction of Ural Gas Pipeline	mIn USD	754	748	722	695	663
Overall KPO's Local Content share in goods, works and services	bIn USD	9.37	8.85	8.29	7.7	7
Operations GRI 2-6						
Estimated proved reserves & production OG1						
Liquid hydrocarbons	bIn barrels	13.6	13.6	13.6	13.6	13.3
Gas	TrIn cubic feet	59.4	59.4	59.4	59.4	60.23
Recovered	%	14	13.5	13	13	12
Production GRI 2-6, 2-7						
Total Production	Mboe	128.5	134.1	143.9	137.9	147.5
Total equivalent stable oil	Kt	10,134	10,338	10,941	10,147	10,953
Total gas production	Mscm	19,442	18,980	20,214	18,614	18,913
Gas Injection	Mscm	11,131	9,998	10,362	8,710	8,589
Sweet Gas (used for internal needs)	Mscm	843	789	761	685.4	723.6
Electrical power supply to West Qazaqstan Oblast GRI 203-1	KWh	246.3	225.56	296.93	330.26	305.06
Sales GRI 2-6, 2-7						
Total Sales	Mboe	124.9	130.7	139.4	134.7	143.5
Stable Liquids	kt	10.2	10,366	10,857	10,160	10,365
Unstable Liquids (from 2019 deliveries to JSC Condensate only)	kt	30	1.5	24	9.9	615
Raw Gas to Orenburg Gas Plant	Mscm	7,455	8,182	8,986	9,113	9,493
Sweet Gas as energy to the WQO community	Mscm	70	70	90	89	95

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Drilling GRI 2-7						
Total well stock	number	471	468	467	466	462
Producing wells	number	117	118	114	110	114
Re-injection wells	number	20	19	19	18	17
Wells brought in production	number	1	1	4	4	5
Drilling rigs in operation	number	3	1	1	1	2
Turnover (shutdown)						
KPC	coverage	full	partial	partial	full	partial
Unit 2	coverage	full	partial	partial	full	partial
Unit 3	coverage	full	full	full	full	full
Karachaganak – Orenburg Transportation System	coverage	full	partial	partial	full	partial
Occupational Health & Safety						
Safety GRI 403-9						
Lost Time Incidents (LTI)	frequency	0.22	0.03	0.06	0.06	0.29
Road Traffic Incidents (RTI)	frequency	0	0	0	0.02	0.03
Total Recordable Incident Frequency (TRIF)	frequency	0.40	0.09	0.18	0.28	0.5
Fatality Frequency	frequency	0	0	0	0	0.04
Occupational health GRI 403-10						
Absenteeism rate	frequency	749	720	736	691	718
Occupational diseases	frequency	0	0	0	0	0
Loss of Primary Containment OG13, 403-2						
Tier 1	number	0	1	0	0	1
Tier 2	number	0	0	1	1	0
Tier 3	number	12	7	17	14	15
Significant spills GRI 306-3						
Analysis of HSE Cards by type of observation GRI 2-23, 403-2, 403-4						
Hazard	number	9,035	10,508	10,856	13,782	12,387
Good practice	number	10,573	10,379	10,357	9,793	10,804
Suggestion	number	1,053	1,188	1,806	2,242	2,108
Unsafe act/behaviour	number	2,137	2,204	2,559	3,525	3,376
Near miss	number	24	21	27	61	27

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Emergency response GRI 2-23, 3-3						
Integrated Emergency Response Exercises (I,II,III levels)	number	1	2	2	2	3
Emergency Response Exercises (III level)	number	1	2	2	0	0
Emergency Response Exercises (II level)	number	1	2	1	5	5
Emergency Response Exercises (I level)	number	114	103	80	129	126
Security GRI 3-3						
Illegal tapping	number	0	0	0	0	0
Training on Human Rights and Security Principles for security contractors GRI 410-1	% of staff	100	100	100	100	100
Compliance and grievances						
Compliance awareness training GRI 205-2	%	98	98	99	99	95
Employee grievances & applications GRI 3-3, 2-26	number	106	169	102	99	37
Employees						
Employees based on geographical location GRI 3-3, 2-7						
Aksai	%	89.6	91.4	93.9	93.4	94
Oral	%	8.4	6.4	4	4.5	4
Nur-Sultan	%	0.7	0.6	0.6	0.6	0.8
Bolshoi Chagan	%	0.7	0.9	0.9	0.9	0.6
Atyrau	%	0.6	0.7	0.6	0.6	0.6
Number of employees						
RoQ citizens	number	4,053	4,076	4,368	4,532	4,493
Expatriates	number	3,782	3,784*	4,133*	4,202	4,140
	number	271	292*	235*	330	353
* The data for 2020–2021 has been adjusted. In 2022, the methodology for counting local and foreign KPO personnel was adjusted. For all previous periods, the calculation was based on the division of positions held by employees into local positions and positions assigned to Parent Companies. It was revealed that with such a calculation, citizens of the EEC member states fall into the category of local personnel, and citizens of the Republic of Qazaqstan seconded by Parent Companies fall into the category of foreign personnel. It was decided that the display of personnel by nationality would be the most correct.						
Employees by type of employment GRI 203-1						
KPO employees (direct contract)	number	2,941	2,951	3,063	3,137	3,130
Sending parties' employees	number	931	927	1,070	1,065	1,010
Parent Companies' secondees	number	181	198	235	330	353

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Employees by gender						
Men	number	2,936	2,968	3,148	3,277	3,261
Women	number	1,117	1,108	1,220	1,255	1,232
Local employees by age GRI 401-1						
Between 20-30	number	266	291	431	437	458
Between 30-40	number	1,465	1,484	1,627	1,573	1,553
Between 40-50	number	1,121	1,095	1,153	1,099	1,074
Between 50-60	number	913	905	1,007	964	938
Above 60	number	108	103	179	129	60
Dynamics of local staff turnover						
	%	0.8	0.7	1.1	1.7	1.8
Released employees	number	195	354	167	179	135
Newcomers	number	189	102	97	244	221
Temporary employees	number	104	120	120	138	125
Voluntary dissolution of employment	number	0	43	43	42	24
Local Content in staff GRI 3-3, 202-2						
Management	%	86	85	83	79	77
Professional and supervised workers	%	98	98	97	96	95
Personnel trained at certified programmes of International Qualifications GRI 404-2						
International diploma of the Chartered Institute of Procurement and Supply	number	19	13	10	15	11
Emergency response training course MEMIR by OPITO standard	number	17	17	0	19	43
Well control/well pressure control during gas, oil and water shows (IWCF)	number	46	61	13	59	39
Non-destructive testing certification (NDT)	number	20	13	3	33	30
International certificate in health, environment and safety (NEBOSH)	number	0	9	12	11	0
OPITO Expert competency assessment	number	0	0	0	15	0
Certified internal auditor (CIA)	number	0	0	3	2	0
International Financial Reporting Certification (ACCA)	number	0	2	3	0	0
API Technical Standards Certification (American Petroleum Institute)	number	9	10	6	0	0
Master of Business Administration	number	1	1	1	0	0

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Project Management Professional (PMP)® Certification	number	0	1	0	0	0
IEMA certificate in environmental management	number	1	1	0	0	0
ASME Plant Inspector Course	number	23	0	0	0	0
Average number of training hours per course completed by nominated employees GRI 401-1	average hours					
Professional courses	average hours	36.93	33.56	59.32	42.96	33.64
Language courses	average hours	51.96	56.06	42.89	55.49	62.62
Certified programmes	average hours	34.21	43.1	412.99	43.49	32.09
Technical & HSE courses	average hours	13.49	11.7	12.99	12.79	6.62
KPO Scholarship Programme GRI 404-2	USD	42,270	45,800	37,639	82,332	97,969
Employees	number	9	14	9	19	20
Employees children	number	27	22	20	39	37
Total	number	36	36	29	58	57
Trainees						
Students Placement Programme	number	212	39	106	313	299
Youth Placement Programme	number	7	7	1	33	20
Employed	number	6	1	2	6	10
Environmental performance GRI 3-3						
Expenses for implementation of the Environmental Protective Measures Plan	thous. KZT	2,616,942	5,991,327	11,580,444	9,677,175	7,604,066
within the Karachaganak Field	bln KZT	2.6	5.97	11.06	9.64	7.6
on the KPC-Bolshoi Chagan-Atyrau export condensate pipeline (Western Qazaqstan)	mln KZT	10.443	10.343	362.5	11.12	9.3
on the KPC-Bolshoi Chagan-Atyrau export condensate pipeline (Atyrau Oblast)	mln KZT	6.499	10.984	157.5	22.4	26.25
Gas utilization OG6	%	99.93	99.94	99.92	99.91	99.94
Delivery to Orenburg Gas Plant	%	38.34	43.11	44.45	49.19	50.19
Gas injection	%	57.25	52.68	51.26	47.02	45.41
Fuel gas	%	4.34	4.16	4.21	3.7	4.33
Flared associated gas	%	0.07	0.06	0.08	0.09	0.06
Flared associated gas	mln m ³	12.95	11.49	15.27	16.76	11.95

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Air emissions GRI 305-7						
Permitted volumes of pollutants' emissions	tonnes	12,044	13,219	17,527	18,544	19,986
Actual volumes of pollutants' emissions	tonnes	5,236	4,798	7,591	7,597	7,759
Emissions rate per unit of production	tonnes per 1k tonnes of produced HC	0,19	0,18	0,26	0,29	0,28
Total GHG emissions GRI 305-1	tonnes of CO ₂ equivalent	1,849,112	1,745,768	1,821,604	1,870,324	1,893,447
Specific GHG emissions (CO ₂ +CH ₄ +N ₂ O (CO ₂ e)) GRI 305-4	tonnes per 1k tonnes of produced HC	66	63	62	64	69
Specific GHG emissions (CO ₂) IOGP international data	tonnes per 1k tonnes of produced HC	119	113	123	130	130
Specific GHG emissions (CO ₂) IOGP European data	tonnes per 1k tonnes of produced HC	78	83	88	84	83
Energy consumption GRI 302-1						
Fuel gas	tonnes of coal equivalent	1,105,821	1,026,088	1,063,251	1,018,625	1,037,274
Electric power	tonnes of coal equivalent	889	825	767	891	825
Diesel fuel	tonnes of coal equivalent	958	888	1,498	932	1,058
Gasoline	tonnes of coal equivalent	258	251	220	249	271
Heating	tonnes of coal equivalent	1,351	1,486	1,399	1,249	1,175
Water consumption GRI 303-3						
Technical water	m ³	224,880	314,127	388,172	434,397	420,777
Potable water	m ³	84,130	81,259	82,429	93,456	94,364
Effluents						
Discharge of treated wastewater GRI 303-2	m ³	809,719	855,415	761,119	701,128	735,152
Reuse of treated wastewater GRI 2016 303-3	m ³	75,452	35,061	18,313	38,545	18,241
Discharged wastewater with contaminants GRI 303-4						
Actual discharges	tonnes	60,730	58,981	46,006	39,683	42,280
Within the MPD Limits	tonnes	60,729.3	58,166	45,961	35,732	39,695
Excess discharge	tonnes	0.481	815	45	3,951	585

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Waste generated GRI 306-3						
Non-hazardous waste	tonnes	3,973	3,574	2,717	2,955	5,064
Hazardous waste	tonnes	32,035	14,957	29,378	53,482	44,916
Waste generated, treated, disposed and recycled GRI 306-3, 306-5						
Waste incinerated	tonnes	600	793	772	955	737
Waste treated	tonnes	24,302	15,247	18,247	31,610	27,218
Waste reused and recovered to process stream	tonnes	5,843	4,740	2,762	6,256	5,979
Disposed and buried at waste disposal facilities	tonnes	14,424	12,322	12,665	27,843	22,547
Waste handed over to the third party for further recycling, use, incineration and burial	tonnes	5,839	5,667	5,500	6,929	6,591
Waste accumulated at the end of year	tonnes	35,280	338,242	341,419	340,781	323,328
Social Performance and Economic Impact GRI 3-3						
Community engagement						
Public hearings	number	12	4	4	10	10
Village Councils meetings	number	9	9	10	6	13
Community grievance						
Gas odour complaints	number	7	3	7	17	42
Resettlement complaints (Beryozovka, Bestau villages)	number	17	94	198	218	267
Social infrastructure	number	15	15	9	0	0
Investments into Local Community Development Programmes GRI 413-1						
Health	thousand USD	31,943	12,919	28,090	42,319	49,199
Education	thousand USD	10,850	11,214	3,536	-	-
Charity	KZT, mln	0	190	15	0.389	25
Sponsorship	KZT, mln	16.8	25.5		98.0	40.0
Investments into Social Infrastructure in the region of presence GRI 203-1						
Social Infrastructure Investment in WQO/Uralsk	KZT, mln	7,248	13,352	10,458	3,030	13,561
Completed social projects in WQO/Uralsk	number	3	8	6	3	26
Social Infrastructure Investment in Burlin District/ Aksai	KZT, mln	0	0	0	-	2,338
Completed social projects in Burlin District / Aksai	number	0	0	-	-	5

Parameter / Indicator	Unit of meas.	2022	2021	2020	2019	2018
Local Content share in total purchases of works, goods and services GRI 204-1						
Total purchases of works, goods and services	mIn USD	511.7	564.3	586.7	683.5	474
Share of local content in total purchases	%	56.4	68.6	59.3	57	59.6
Share of local goods in the total scope of goods, works, and services	%	18	17.7	33	30	35
'Qazaqstani tenders'	number	10	13	35	32	NA
Number of local companies received training	number	0	0	165	7	22
Road map on localization of Original Equipment Manufactures	number	6	5	4	NA	NA
Supply chain GRI 2-6						
Companies registered at KPO Vendor database	number	337	456	439	434	405
Suppliers awarded with contracts and amendments	number	400	500	500	580	564
Local vendors	number, %	326 (84%)	398 (80%)	410 (80%)	418 (72%)	389 (69%)
Foreign vendors	number, %	62 (16%)	91 (20%)	117 (20%)	162 (28%)	175 (31%)
Contracts for supply of goods	number	270	600	800	1,037	982
Value of contracts for goods	mIn USD	327.5	264.2	180	254.1	120.1
Contracts for provision of services	number	500	800	700	658	604
Value of contracts for services	mIn USD	837.9	1,417	880	889.9	1,095.6

NA – not applicable