



# Tengizchevroil Fact Sheet

Year-end 2022

## History and Ownership

- Tengiz, the world's deepest producing super giant oil field, was discovered in 1979.
- The Tengizchevroil (TCO) partnership was formed on April 6, 1993, between the Republic of Kazakhstan and Chevron.
- Current partners are Chevron, 50 percent; KazMunayGas, 20 percent; ExxonMobil Kazakhstan Ventures Inc., 25 percent; Lukoil, 5 percent.

## Production and Reserves

- Estimated oil in place in the Tengiz field is 3.1 billion metric tonnes (25 billion barrels) with 200 million metric tonnes (1.6 billion barrels) in the Korolev field.
- Total recoverable crude oil in the Tengiz and Korolev fields is estimated to be 1.4 billion metric tonnes (11.5 billion barrels).
- The areal extent of the Tengiz reservoir is large, measuring 20 kilometers (12 miles) by 21 kilometers (13 miles).
- TCO completed its Sour Gas Injection and Second-Generation Plant (SGI/SGP) expansion project in 2008. Over the last few years average daily production capacity exceeded 80, 000 metric tonnes per day (640,000 barrels) of crude oil and 25 million cubic meters per day (870 mmscf) of natural gas.
- Crude production in 2022 was 29.2 million metric tonnes (233.2 million barrels).

## Health, Safety and the Environment

- TCO has invested over \$3.15 billion since 2000 in environmental protection activities.
- Since 2000, total air emissions generated per ton of oil produced have decreased by 75 percent.
- TCO's gas utilization rate in 2022 was 99 percent.
- TCO's total water reuse rate at the end of 2022 was 49 percent. TCO continues water conservation efforts by treating domestic sewage and reusing it for production needs.
- TCO sends more than 35 types of waste for recycling. In 2022, TCO's waste reuse/recycling rate was 63 percent.

## Product Sales

- In 2022, TCO sold over 1.19 million metric tonnes of LPG, over 9.7 billion cubic meters of sales gas and approximately 2.4 million tonnes of sulfur.

## Benefits to Kazakhstan

- From 1993 through 2022, TCO made direct financial payments of over \$176 billion to Kazakhstani entities, including Kazakhstani employees' salaries, purchases of Kazakhstani goods and services, tariffs and fees paid to state-owned companies, profit distributions to the Kazakhstani shareholder and taxes and royalties paid to the government.
- In 2022, direct payments to the Republic of Kazakhstan totaled \$14.5 billion.
- At 70% in 2022, TCO reached its highest Kazakhstani Content percentage performance over the last 6 years. Most of this spend was related to the Future Growth Project – Wellhead Pressure Management Project (FGP-WPMP).
- TCO has invested more than \$43.6 billion on Kazakhstani goods and services since 1993.

## Workforce Development

- Kazakhstani citizens hold 90.5 percent of positions in TCO's Base Business and FGP-WPMP. Excluding the FGP-WPMP workforce, Kazakhstani citizens hold 94.8 percent of TCO positions compared to 50 percent in 1993.
- Kazakhstani managers and supervisors represent 77.2 percent of the TCO managerial workforce in Base Business and FGP-WPMP. Excluding the FGP-WPMP, Kazakhstani managers and supervisors hold 86.7 percent.



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- Ongoing training and development programs exist to support the advancement of employees to positions of increasing responsibility.

## Community Outreach

- Since 1993, TCO has invested about \$2.7 billion to fund social projects and programs in Atyrau Oblast for the community and employees.
- In 2023, TCO budgeted \$25 million for Egilik social infrastructure program, the majority of which will be spent on construction of kindergartens, hospitals, schools, and other social facilities in Atyrau Oblast.
- In 2023, TCO allocated \$2.5 million as part of its Community Investment Program on 21 social projects to help improve the quality of health, education and to develop civil society both in Atyrau Oblast and Borankul Village (Mangistau Oblast).

## Future Growth Project - Wellhead Pressure Management Project

### General Information

- In 2016, TCO Partners announced approval for the final investment decision of the Future Growth Project - Wellhead Pressure Management Project (FGP-WPMP), the next major expansion of the Tengiz oil field.
- FGP will expand production by approximately 12 million tonnes per year/260, 000 barrels per day to about 39 million tonnes per year or 850, 000 barrels per day.
- WPMP will keep the existing Tengiz plants full by lowering the flowing pressure at the wellhead and then boosting the pressure to the inlet requirements of the six existing processing trains.

### Kazakhstani Content

- Since the commencement of FGP-WPMP, TCO has spent over \$15.6 billion to purchase Kazakhstani goods and services (which makes up 40% of the Project overall spend).

### Project Progress

- With the total project now 97% complete, all remaining work scope is being done at Tengiz.
- Recent key project milestones include: achieved “ready for operations” for 3GP fuel gas system and “mechanical completion” for 3GP Gas Turbine Generator (GTG) 1.
- FGP-WPMP is a project of national importance and is helping to create a legacy of a trained and skilled local workforce, technology transfer through partnerships with international companies, and upgraded infrastructure in the region.