



# Tengizchevroil Fact Sheet

Year-end 2020

## 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; LukArco B.V., 5 percent.

## Production and Reserves

- Estimated oil in place in the Tengiz field is 3.2 billion metric tonnes (25.5 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 890 million to 1.37 billion metric tonnes (7.1 to 10.9 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, which brought daily production capacity to approximately 75,000 metric tonnes per day (600,000 barrels) of crude oil and 22 million cubic meters per day (750 mmscf) of natural gas.
- Crude production in 2020 was 26.46 million metric tonnes (211.13 million barrels).

## Health, Safety and the Environment

- TCO has invested over \$3.12 billion since 2000 in environmental protection activities.
- Since 2000, total air emissions generated per ton of oil produced, have decreased by 71 percent.
- TCO's gas utilization rate in 2020 was 99.1 percent.
- TCO's total water reuse rate in 2020 was 49.2 percent. TCO continues its water conservation efforts by recycling domestic wastewater effluent, as well as treating and reusing it for industrial purposes.
- TCO sends more than 35 types of waste for recycling. In 2020, total TCO's waste reuse/recycling rate was 35.4 percent.

## Product Sales

- In 2020, TCO sold over 1,487 thousand metric tonnes of LPG, 7.3 billion cubic meters of sales gas and over 2.5 million tonnes of sulfur.

## Benefits to Kazakhstan

- From 1993 through 2020, TCO made direct financial payments of over \$152 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 2020, direct payments to the Republic of Kazakhstan totaled \$6.6 billion.
- In 2020, TCO spent \$3.5 billion on Kazakhstani goods and services, including \$2.4 billion for FGP-WPMP.
- TCO has invested more than \$36.4 billion on Kazakhstani goods and services since 1993.

## Workforce Development - HR

- Kazakhstani citizens hold 84 percent of positions in TCO's Base Business and FGP-WPMP. Excluding the FGP-WPMP workforce, Kazakhstani citizens hold 92 percent of TCO positions compared to 50 percent in 1993.
- Kazakhstani managers and supervisors represent 75 percent of the TCO managerial workforce in Base Business and FGP-WPMP. Excluding the FGP-WPMP, Kazakhstani managers and supervisors hold 85 percent. Ongoing training and development programs exist to support the advancement of employees to positions of increasing responsibility.



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## Community Outreach

- Since 1993, TCO has invested over \$2.1 billion to fund social projects and programs in Atyrau Oblast for the community and employees.
- In 2020, TCO has budgeted \$25 million for Egilik social infrastructure program, the majority of which was spent for construction of kindergartens, schools and other social facilities in Atyrau Oblast.
- In 2020, TCO spent over \$2.2 million as part of its Community Investment Program on projects to help improve the quality of health, education and develop social entrepreneurship both in Atyrau and Mangistau Oblasts.
- Since the beginning of the pandemic, TCO has allocated about \$ 10.7 million (4.5 billion tenge) to fight with COVID-19, support the population and purchase medical equipment and supplies in Atyrau 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.
- 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 \$10.7 billion to purchase Kazakhstani goods and services.
- Approximately 92 percent of the total project workforce are Kazakhstani citizens

### *Project Progress*

- FGP-WPMP is 80% complete and TCO is taking actions to safely execute critical path activities to continue advancing the project.
- The offshore fabrication and logistics scope are complete and all of FGP-WPMP's remaining work is now focused on construction activities in Tengiz.
- The FGP-WPMP is 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.