



TCO's digital transformation journey

Digital acceleration over 5 years







Maintenance







Marketing & Transportation



Value Chain

Digital products for business

Covid-19 and OPEC+



Integration

Integrated business planning and production optimization

KTL/SGP Digital Twin



Digital Foundation

Cloud technology
IT foundation
Citizen development



Digitalization of Production

Connected Field Worker

Turnaround and Maintenance



End-to-End Digitalization

Big Dat

Predictive analytics

I/MI

2023 Tengizchevroil 2

V.E.O

Data Science and Artificial Intelligence in TCO

Leveraging data to generate value across TCO value chain





Leading Innovation TCO Way

- Cybersecurity, integrity and compliance
- People centric approach
- Investing in Learning & Talent
- Strong Partnerships
- Innovating to deliver business value





Investments in Organization Capability Enable Transformation

DIGITAL SCHOLARS



scholars



graduates





Massachusetts Institute of Technology



EXTERNAL HACK-A-THONS & KAZAKHSTANI CONTENT

Kazakhstan IT companies awarded



6-month trial contract



UNIVERSITY ENGAGEMENTS



10 lectures



2 internships for teachers



2 hired fresh graduates



DEVELOPMENT PROGRAMS 180 business

INTERNAL HACK-A-THONS &



professionals active in low-code development



500+ development program participants

