

KAZAKHSTAN FORUM ON ENHANCED OIL RECOVERY (EOR) 2026

«From Field Discovery to Maximum Resource Recovery»

*Dedicated to the 30th anniversary of the Central Commission for
Exploration and Development of Hydrocarbon Fields of the Republic
of Kazakhstan (CCED RoK)*



Ministry of Energy of the
Republic of Kazakhstan



Association of Legal
Entities «KAZENERGY»

August 26-28, 2026

Rixos President Astana
Kunayeva 7, Astana,
Kazakhstan



Yerlan Akkenzhenov

Minister of Energy of the RoK

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Dear colleagues!

Kazakhstan's oil and gas industry is entering a stage where the sustainable development of production will increasingly depend not only on the discovery of new fields, but also on how effectively operators manage and develop its existing resource base. A significant share of producing assets is now mature, where water cut continues to increase, the proportion of residual and hard-to-recover reserves is growing. Thus, oil industry faces the strategic task of systematically improving oil recovery. In this context, the broad implementation of modern enhanced oil recovery (EOR) technologies is becoming one of the key drivers for maintaining and increasing oil production.

Despite the substantial potential of residual oil reserves, the deployment of advanced EOR technologies across most fields in Kazakhstan remains limited. At the same time, global experience demonstrates that the application of thermal, chemical, gas and combined EOR methods can significantly increase oil recovery factor (ORF), extend the economic life of fields, and secure incremental production without relying on the discovery of new big fields.

For Kazakhstan, one of the most pressing priorities today is not only the discovery of new fields, but the improvement of oil recovery by at least 1–2%. Even 1% increase in oil recovery across major mature fields could unlock tens of millions of tons of additional oil without discovering new reserves. It is around this strategic objective that the Kazakhstan Forum on EOR is being organized.

The objective of the Forum is to shape a strategy for enhancing oil recovery and unlocking residual hydrocarbon reserves, thereby supporting the sustainable development of Kazakhstan's oil and gas industry through 2030.

The Kazakhstan Forum on EOR is intended to become a key industry platform for consolidating the efforts of government bodies, oil and gas operators, research and design organizations, service companies and world experts. Its key outcome should be a shift from discussing the challenges of mature fields to developing a concrete portfolio of EOR projects with measurable impact in terms of incremental oil production, EOR and practical implementation at oil fields across the Republic of Kazakhstan in 2027–2030.

The Forum is proposed as the main industry event of the year, bringing together the key topics of recovery factor improvement, EOR implementation, digital technologies for field development, world best practices exchange, and the formation of Kazakhstan's long-term oil production strategy.

We invite the professional community to take an active part in shaping the Strategy for Enhanced Oil Recovery and the development of residual hydrocarbon reserves!

FORUM PROGRAM

Day 1, August 26 (17 Kabanbay Batyr Ave., KAZENERGY office)

EOR Hackathon <i>Practical Solutions for Kazakhstan's mature fields</i>	Up to 10 oil and gas operators will each propose one pilot asset for EOR implementation, which may include a field or reservoir or production area or field operating unit. The submission should include: – Geological model. – Dynamic reservoir model, if available. – Current status of field development, including an assessment of EOR measures, production enhancement activities and other well intervention events. – Forecast development performance and economic indicators.	EOR teams and experts will present: – EOR screening. – EOR implementation concept. – Field and lab study program. – Preliminary forecast of incremental oil production and recovery factor improvement based on analogue field cases. – Feasibility assessment.
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Day 2, August 27 (7 Kunayev St., Rixos President Astana)

SESSION 1 <i>Global EOR Technologies</i>	– Polymer flooding. – Chemical EOR (SP, ASP, AP and other) – Gas EOR (CO₂, N, WAG, SWAG and other) – Thermal EOR. – Combined EOR. – Intelligent fields.
SESSION 2 <i>Oil Production Stimulation Methods</i>	– Conformance control. – Water shut off. – Advanced well completion and stimulation methods. – Hydraulic fracturing. – Acid treatments. – Near-wellbore treatment using various agents. – Horizontal wells and sidetracks. – Simultaneous separate injection and production.
SESSION 3 <i>Digital Field Development</i>	– Artificial intelligence. – Digital core. – Digital twins. – Automated production management and predictive analysis. – Localization of the residual recoverable reserves.
SESSION 4 <i>Hard-to-recover Reserves</i>	– Carbonate reservoirs. – Low permeability formations. – Heavy and extra-heavy oil. – Deep reservoirs.

Day 3, August 28 (7 Kunayev St., Rixos President Astana)

PLENARY SESSION <i>The Future of Kazakhstan's Oil Production</i>	Speakers: – Minister of Energy of the RoK. – Executives of the major oil companies. – World EOR experts. – Veterans of CCED of the RoK. Topics: – The future of Kazakhstan's oil production and the role of increasing ORF. – Residual reserves as a strategic asset for Kazakhstan. – New technologies and digital transformation. – Closing summary of the forum and signing of the Astana Declaration.
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**The program is preliminary. Up-to-date information is available on the official forum website:
<https://c-eor.com/eor2026>*

Event Attendees:

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| <ul style="list-style-type: none"> – All oil and gas operators – Design institutes – Scientific organizations – International and local service companies | <ul style="list-style-type: none"> – Global experts – CCED members and experts – All industry associations – Geologists, reservoir engineers, and other specialists |
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MINISTRY OF ENERGY ROUNDTABLE

Program for Increasing RF by 2030

Regulatory and economic measures to incentivize EOR implementation

Topics for discussion:

- Development of the EOR program;
- Improvement of requirements for field development project (FPD) documentation;
- Promotion of EOR pilot and field trial projects;
- Funding mechanisms for EOR pilot projects;
- Digital monitoring of EOR performance;
- Investment incentives;
- Role of science and R&D;
- Personnel development and training;
- Establishment of industry-academic consortia to integrate scientific, engineering and service capabilities.

KEY EXPECTED RESULTS

Adoption of an industry resolution:

- Adoption of the Astana Declaration on EOR implementation and development.
- List of priority fields for EOR implementation.
- Establishment of a permanent EOR working group.
- Formation of a best-practice database.
- Annual ranking of oil operators by RF.
- Preparation of proposals to the Subsoil Code to incentivize EOR implementation.
- Formation of a pilot operations program for 2027-2030.
- Launch of the annual international forum.

Inventory

Assessment of field potential and classification of residual reserves

Pilot Projects

Launch of EOR test pilots with the participation of service companies

Regulatory Framework

Introduction of legislative incentives and regulatory changes for subsoil users

Scaling Up

Full-scale digital monitoring and AI integration across assets

2027-2030 Strategic Roadmap

TECHNOLOGY EXHIBITION

EOR Expo

Sections:

- ❖ EOR technologies;
- ❖ Digital solutions;
- ❖ Software solutions;
- ❖ Reservoir and geological modeling;
- ❖ EOR simulation;
- ❖ EOR equipment and chemicals;
- ❖ Core analysis and research;
- ❖ Laboratory technologies and R&D.

Venue

Kunayeva 7, Astana, 010000, Kazakhstan



CONTACTS

For technical program inquiries:

T.kazhenov@energo.gov.kz
+7-7172-78-69-47

Torekhan Kazhenov, MoE of the RoK

info@c-eor.com
+7-701-979-75-55

Marat Sagyndikov, EOR expert

For sponsorship and partnership inquiries:

n.janekenov@kazenergy.com
+7-702-999-68-40
+7-7172-79-02-07

Nurlan Janekenov, KAZENERGY

For hotel accommodation and guest reception inquiries:

k.faizulina@kazenergy.com
+7-776-035-03-37

Kamila Faizulina, KAZENERGY