Artificial Intelligence as a Strategic Tool

Our activities in digitalisation and artificial-intelligence development are guided by the priorities of the Republic of Kazakhstan. The Concept for the Development of Artificial Intelligence for 2024–2029 and the Law "On Artificial Intelligence" have established the legal framework for technology development and set the direction for the Fund in terms of infrastructure development, capability building and the practical adoption of AI in management and operational processes.

Under the Fund's 2023–2032 Strategy, digitalisation and the adoption of advanced technologies are key drivers of asset-value growth and competitiveness. Within this model, artificial intelligence serves as a practical tool for delivering the Fund's strategic goals.

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AI and automation projects in the investment portfolio

In 2025, the Fund moved from delivering pilot projects to the systematic adoption of artificial-intelligence solutions. AI is now integrated at three levels of activity:

01

National –

through participation in the development of Kazakhstan's sovereign computing infrastructure

02

Corporate –

through the adoption of AI in management, compliance and HR processes

03

Operational –

through the implementation of AI solutions in operational activities

236 THOUSAND

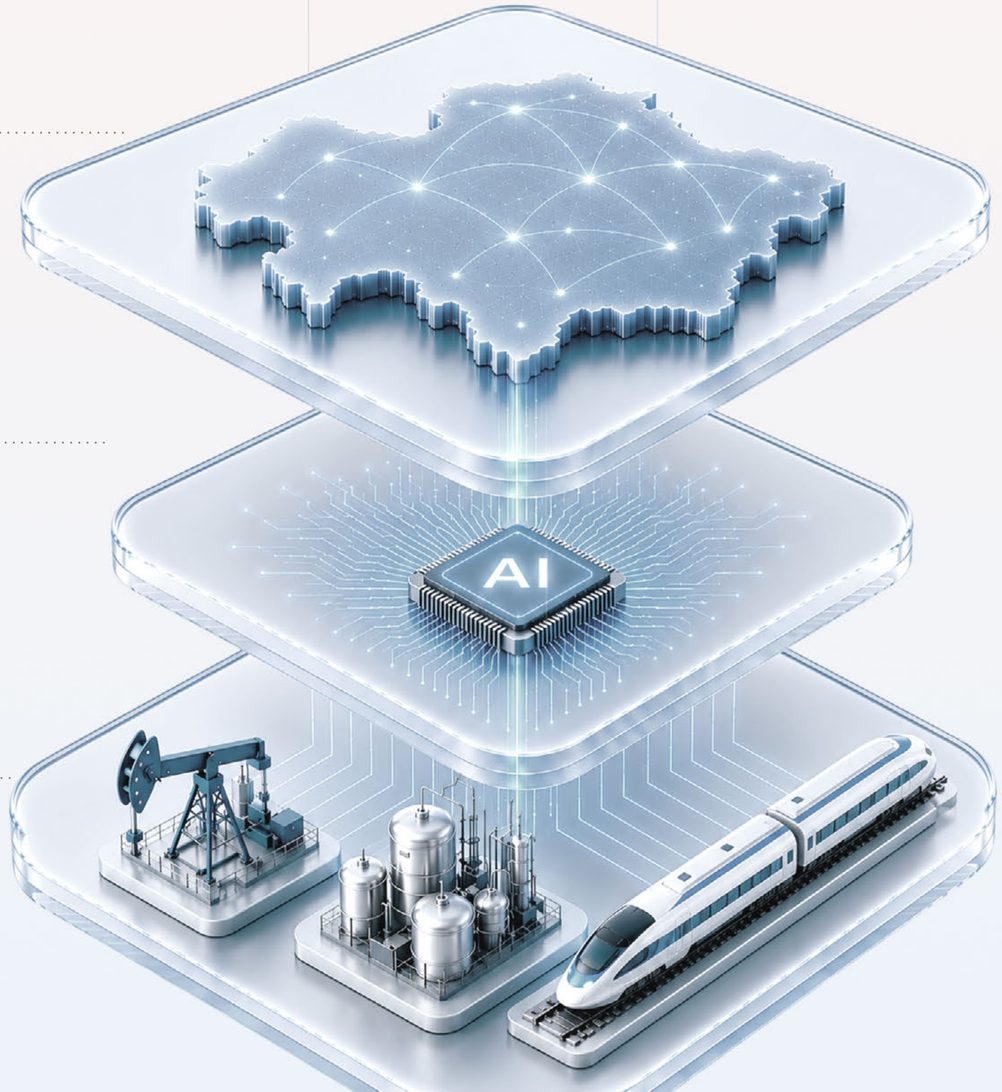
employees trained in AI skills

711 KZT BILLION

projected economic impact by 2030

+5%

target EBITDA growth from AI implementation by 2026 (for all portfolio companies)

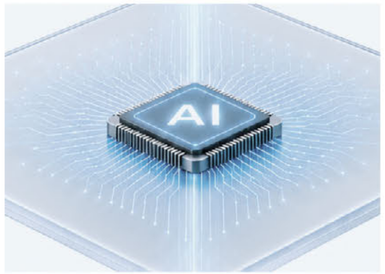


National level

AI-Farabium: a national framework for the development of AI

We are developing our own computing infrastructure for training and applying artificial-intelligence models in Kazakhstan. One of its key elements is AI-Farabium – the second most powerful supercomputer in Central Asia, ranked 103rd in the global TOP500 list.
On AI-Farabium, the SKAI system has been deployed, and industry-specific AI models are under development for oil and gas, energy and transport.
The infrastructure is currently used by several Group companies and external users:

- **KEGOC JSC** — for modelling power-system operating regimes;
- **NAC Kazatomprom JSC** — for optimising production processes;
- **Kazakhtelecom JSC** — for developing the AI Mektep services;
- **with Kazakhstan's startups and technology companies.**



Corporate level

SKAI: AI at the heart of management decisions

At the corporate level, the SKAI platform plays an important role: since September 2025 it has been used in the work of the Board of Directors. The platform analyses the history of decisions since 2008, as well as information across the entire investment portfolio, improving quality of analytics and ensuring continuity in management decision-making.

We are also developing AI agents[6] as a practical tool for optimising business processes. More than 35 agents are currently in operation, covering HR, finance, procurement, legal support, investment activity, social policy and production safety.

These solutions are integrated into a single platform – "SKAI Assistant" – which provides access to data and supports management decision-making. From 2026, they will be scaled across portfolio companies, with a target of up to 70% of decisions taken with AI support within two years.

Operational level

AI projects in operational activities

At the operational level we are implementing AI projects in the oil and gas, electric power, telecommunications, transport and logistics, and mining and metallurgy sectors.

They are aimed at raising the productivity of industrial processes, reducing downtime and incidents, developing client and government services, and reducing workplace injuries.

[6] An AI Agent is a digital assistant powered by artificial intelligence that independently executes tasks, analyzes data, and supports decision-making within specified business processes.

Flagship case

ABAI: Artificial intelligence in the oil and gas sector

ABAI (Advanced Base and Artificial Intelligence) is a domestic information system designed to optimise oil exploration and production using big-data and artificial-intelligence technologies.

More information on our AI projects and their outcomes is available in the "Our People" and "Environmental Impact Management" sections.

Based on 2025 results, the system has delivered:

+12 THOUSAND TONNES
additional oil production

+1.5 KZT BILLION
economic impact

–95 %
a reduction in the time required to prepare waterflooding decisions from 40 hours to 2 hours

326 KZT BILLION
projected economic effect by 2030

AI projects by sector

Oil and gas sector

Project name	Effect from delivery
ABAI optimisation of oil exploration and production processes	• Increase in oil production of 12,000 tonnes and an economic effect of KZT 1.5 billion in 2025 • 95% reduction in the time required to prepare waterflooding decisions[7] • KZT 450 million in savings • Economic effect by 2030 – KZT 326 billion
KMG.AIAN AI assistant forecasting petroleum-product surpluses and shortages	• Prevention of local fuel shortages • Reduction of the risk of emergency situations • Economic effect by 2030 – KZT 22.5 billion • Potential savings – KZT 34 billion

Electricity sector

Project name	Effect from delivery
Smart electricity grids	• Efficient distribution of energy • Reduced probability of accidents • Optimisation of generation-capacity loading
Predictive defect detection at GRES-1 and AIES to improve equipment reliability and minimise downtime	• Economic effect by 2030 – KZT 36 billion

Mining and metallurgical sector

Project name	Effect from delivery
AI rock analysis to raise geological-exploration efficiency	• Up to 50% reduction in time for rock-sample analysis • Up to 25% reduction in the share of inaccurate analyses

Telecommunications sector

Project name	Effect from delivery
eGov digital platform for integration into government services and project management	• Automation and improvement of government-service management
Deployment of Private LTE/5G industrial networks at oil and gas and mining and metallurgical sites	• Reduction of accident rates by up to 20% • Up to 50% reduction in network-infrastructure repair costs

Transport and logistics sector

Project name	Effect from delivery
Smart railway	• 30% increase in the accuracy of train schedules • Multiplier economic impact – KZT 31 billion per year (from 2027)
Postal-route optimisation	• 15% reduction in mileage • Up to 97% improvement in delivery punctuality
Computer-vision system for postal-item registration	• 40% acceleration of parcel processing • Sorting error rate reduced to 0.5%.

[7] Waterflooding is a technology where water is injected into a reservoir to increase oil recovery. This process requires precise calculations and continuous monitoring.