

# EURASIAN RESOURCES GROUP

## ERG Capital Projects



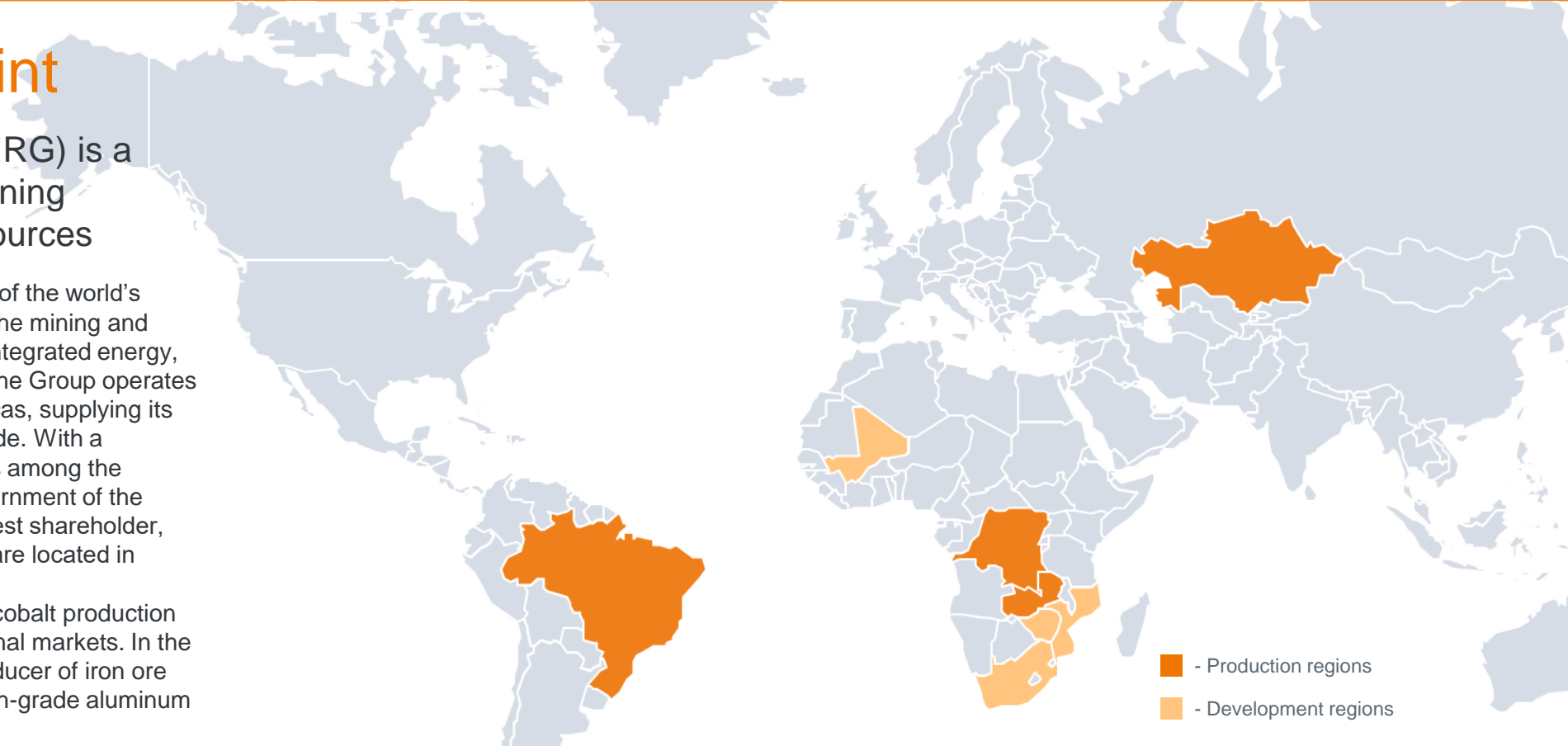
2025

# Our global footprint

Eurasian Resources Group (ERG) is a leading diversified group in mining and processing of natural resources

**Eurasian Resources Group (ERG)** is one of the world's leading and most diversified companies in the mining and processing of natural resources, with fully integrated energy, transportation, and marketing operations. The Group operates across Asia, Europe, Africa, and the Americas, supplying its products to more than 40 countries worldwide. With a workforce of 67,000 employees, ERG ranks among the largest employers in the industry. The Government of the Republic of Kazakhstan is the Group's largest shareholder, holding a 40% stake. ERG's headquarters are located in Luxembourg.

ERG is a global leader in ferrochrome and cobalt production and a major supplier of copper to international markets. In the Eurasian region, ERG is also a leading producer of iron ore and alumina and is the sole producer of high-grade aluminum in Kazakhstan.



■ - Production regions  
■ - Development regions

## Main products



Ferroalloys



Iron ore



Aluminum and alumina



Energy

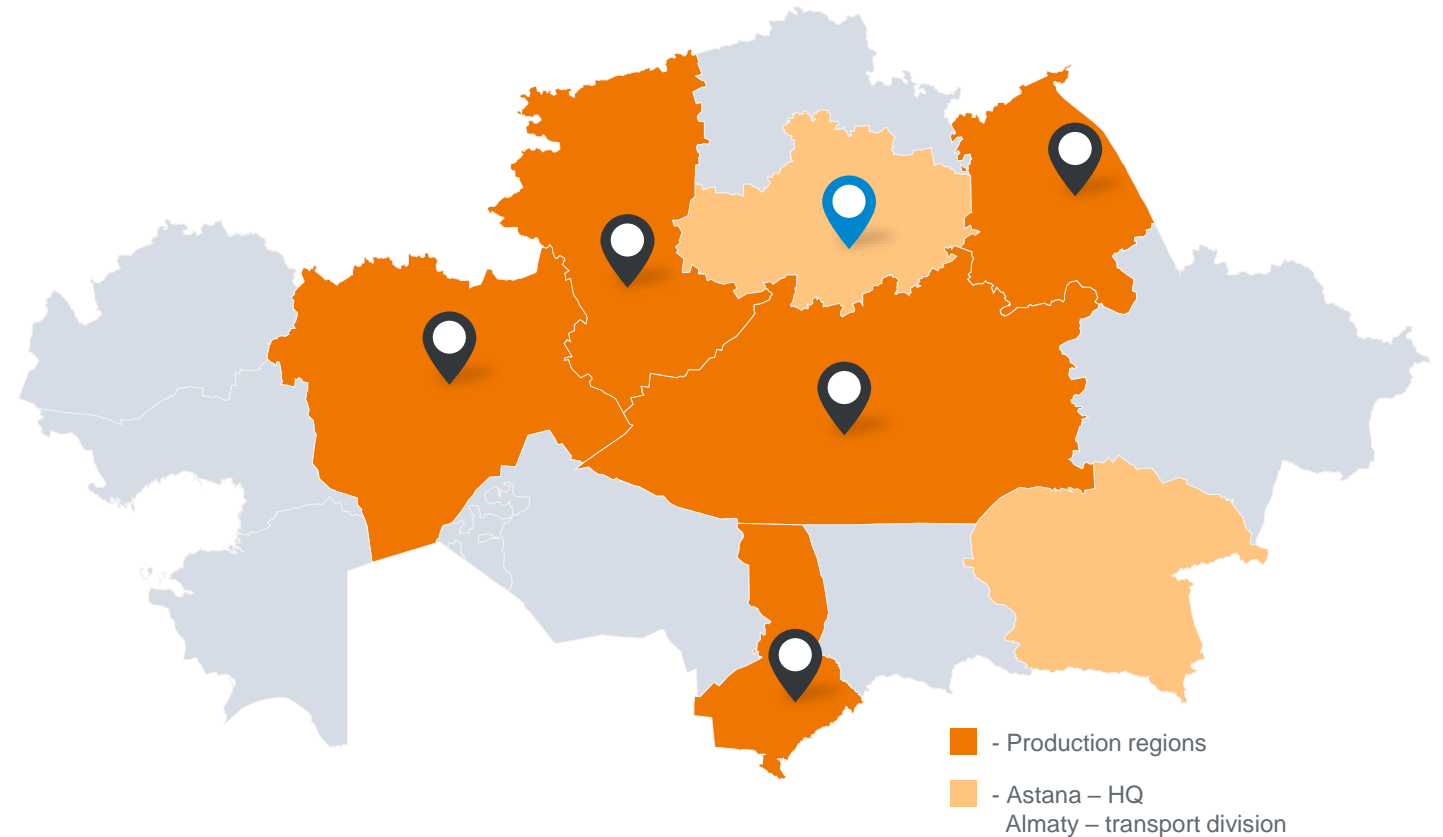


Logistics

## ERG Capital Projects

ERG Capital Projects is a specialized entity of ERG dedicated to implementing investment projects in the Republic of Kazakhstan.

We kindly invite you to review the attached overview of our planned investment projects and welcome your participation in our ongoing procurement processes.



## Prospects for Cooperation

**\$1 285 million**

CAPITAL EXPENDITURES  
IN 2024

### Project Implementation

### ERG Capital Projects

#### Mining and processing

- SHUBARKOL KOMIR
- KAZCHROME
- SSGPO
- AoK
- EEC

#### Metallurgy

- KAS
- KAZCHROME
- SSGPO
- AoK

#### Energy

- EEC
- 3-ENERGOORTALYQ
- SSGPO
- AoK

### ERG Capital Projects

Currently ERG Capital Projects is interested in collaboration with external counterparties within its project portfolio.

### Projects Information

More detailed information on each project can be provided upon request and after signing a non-disclosure agreement (NDA).

ERG Capital Projects is ready to establish long-term and mutually beneficial cooperation with companies that possess experience in mining and metallurgical industry, power industry, construction of complex industrial facilities, engineering companies and EPC (EPCM) contractors.

Presentation of your company and meeting requests should be sent to:

[CapitalProjects@erg.kz](mailto:CapitalProjects@erg.kz)



## ERG Capital Projects portfolio

No.	Enterprise	Program/Project	Industry	Project budget	Schedule dates
1	Kazchrome	“Bolashak” shaft construction	Mining & Metals	2 122 million USD	2004 – 2039
2	Kazchrome	Program for improving the technology of enrichment of slime tailings of DGOC (Slimes-2)	Processing	81 million USD	2019 – 2026
3	Kazchrome	Construction of a ferroalloy gas utilization power plant of the smelter No. 4 of the Aktobe Ferroalloys Plant	Energy	99 million USD	2020 – 2027
4	Kazchrome	“Big Wind” program	Energy	5 million USD	2021 – 2024
5	KAS	150 MW Wind Power Plant construction. Khromtau	Energy	177 million USD	2020 – 2026
6	SSGPO	Construction of a plant for the production of hot briquetted iron (HBI)	Mining & Metals	1 095 million USD	2023 – 2028
7	SSGPO	Construction of a new pelletizing factory	Mining & Metals	217 million USD	2025 – 2029
8	PAP	Construction of product filtration section and vertical calcination furnaces	Modernization	82 million USD	2025 – 2028
9	EEC	Restoration of the power plant’s electrical capacity	Energy	277 million USD	2017 – 2028

# 1. “Bolashak” shaft construction



Donskoy Mining and Processing Plant – DGOK

#	Projects under the Program	Stage
1	“Bolashak” shaft construction	Execution

**Enterprise:** “Kazchrome TNC” JSC – Donskoy Mining and Processing Plant, Khromtau

**Program scale:** 2 122 million USD

**Schedule dates:** 2004 – 2039

**Industry:** Mining & metals

**Final products:** Chrome ore

**Stage:** Execution

**Business case:** The added value from replenishing the outgoing and providing additional volumes of chrome ore extraction for further processing

**Scope of work:**

- Construction of a cost-optimal mining complex to increase the productivity of the DNK mine up to 7.5 mtpa or more

## 2. Program for improving the technology of enrichment of slime tailings of Donskoi Mining and Processing Plant (ERG Green)



Donskoy Mining and Processing Plant – DGOK

#	Projects under the Program	Stage
1	Construction of a section for flotation enrichment of the tailings of the enrichment plant	Execution
2	Enrichment of slime tailings (Ore beneficiation and pelletizing plant)	Execution

**Enterprise:** “Kazchrome TNC” JSC – Donskoy Mining and Processing Plant, Khromtau

**Program scale:** 81 million USD

**Schedule dates:** 2019 – 2026

**Industry:** Processing

**Final product:** Cr<sub>2</sub>O<sub>3</sub> concentrate with at least 48.5% Cr

**Stage:** FEL, Execution

**Business case:** Enrichment of stale and newly formed tailings of concentrating plants to obtain marketable products through the use of advanced technologies

**Scope of work:**

- Construction of a flotation enrichment section;
- Construction of I, II start-up complexes of the water supply system of the Donskoy Mining and Processing Plant.

### 3. Construction of a ferroalloy gas utilization power plant of the smelter No. 4 of the Aktobe Ferroalloys Plant



Aktobe Ferroalloys Plant



**Enterprise:** “Kazchrome TNC” JSC – Aktobe Ferroalloys Plant, Aktobe

**Project scale:** 99 million USD

**Schedule dates :** 2020 – 2027

**Industry:** Energy

**Final product:** Electric energy for AktFP’s own needs

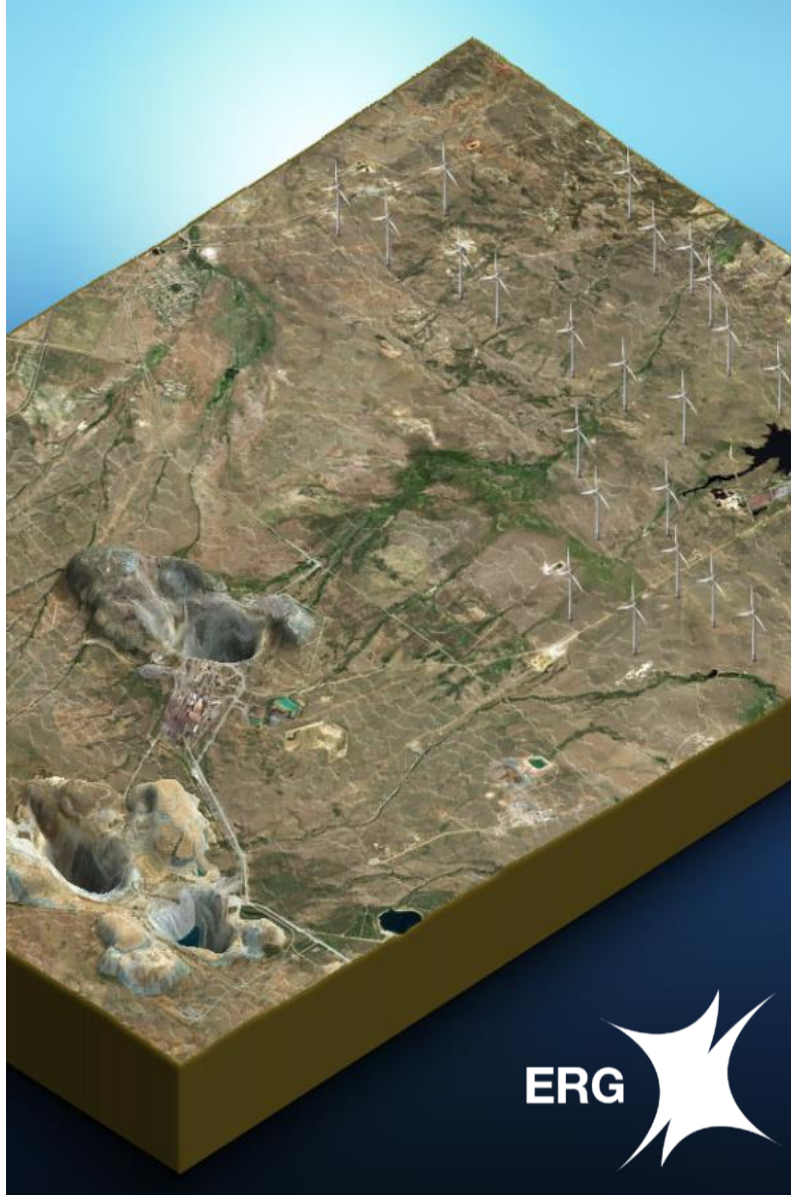
**Stage:** FEL

**Business case:** Saving the budget of electric energy through its own production and on the basis of existing technological production, as well as reducing tax payments by minimizing environmental risks, thereby closing the social commitments of the enterprise.

**Scope of work:**

- Construction of a 80 MW power plant based on Aktobe Ferroalloys Plant.

## 4. “Big Wind” project



Kazchrome

**Enterprise:** “Kazchrome TNC” JSC

**Project scale:** 5 million USD

**Schedule dates:** 2021 – 2024

**Industry:** Energy

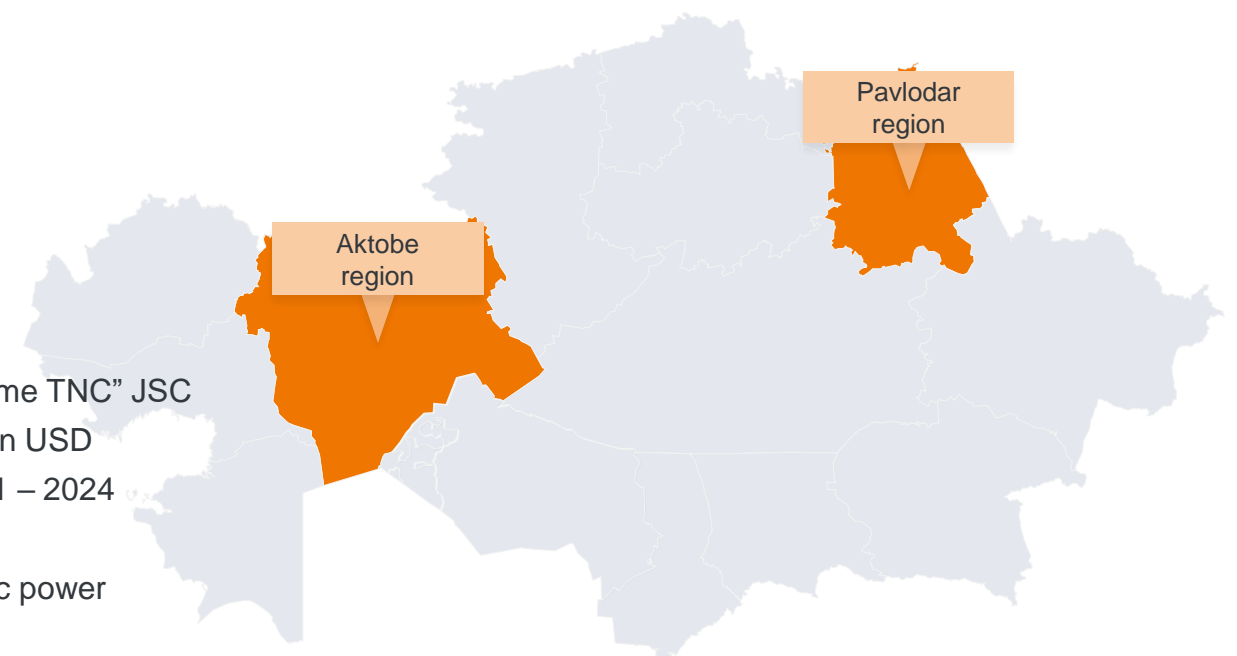
**Final product:** Electric power

**Stage:** FEL

**Business case:** Reduction of the Group’s costs for purchasing renewable energy from the Settlement and Financial Center<sup>1</sup> through in-house renewable energy generation at its own facilities in Aktobe and Pavlodar regions, with a total installed capacity of up to 3 GW

**Scope of work:**

- Development of a technical and economic study to determine, assess, and rank the locations of promising wind farm sites and the target installed capacity of wind power plants (WPPs);
- Detailed analysis of potential sites for the installation of WPPs;
- Installation of at least 5 wind measurement complexes and conducting a wind measurement campaign at priority sites with a duration of no less than 12 months;
- Collection of meteorological data from wind measurement complexes and meteorological masts;
- Archaeological research and expertise;
- Assessment of electricity generation and selection of the most promising sites for WPPs, considering the Group’s energy needs.





*Kazakhstan Aluminium Smelter*



**Enterprise:** Energy Division, Khromtau

**Project scale:** 177 million USD

**Schedule dates:** 2020 – 2025

**Industry:** Energy

**Final product:** Electric power

**Stage:** Execution

**Business case:** Construction of a farm of wind power plants in Aktobe region for the sale of electricity and energy supply for the future needs of the Group

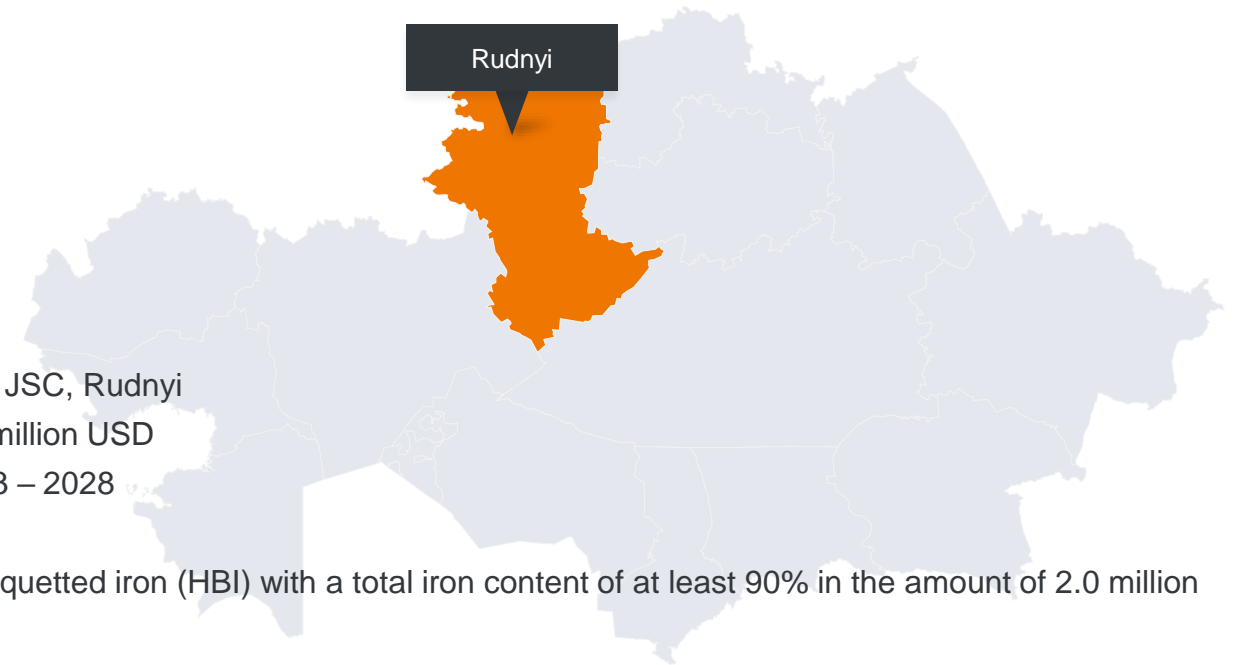
**Scope of work:**

- Defining the target volume of installed wind power plant capacity
- Assessment of wind farm energy generation
- Approving the connection of wind farms to the networks
- Construction of foundations of wind turbines and necessary infrastructure
- Supply and installation of equipment
- Connection of wind farms to electric networks

## 6. Construction of a plant for the production of hot briquetted iron



SSGPO



**Enterprise:** “SSGPO” JSC, Rudnyi

**Project scale:** 1 095 million USD

**Schedule dates:** 2023 – 2028

**Industry:** Metallurgy

**Final product:** Hot briquetted iron (HBI) with a total iron content of at least 90% in the amount of 2.0 million tons per year

**Stage:** FEL

**Business case:** An increase in revenue from the sale of a new product with a higher margin, as well as maintaining the production of iron ore concentrate and pellets in conditions of limited sales

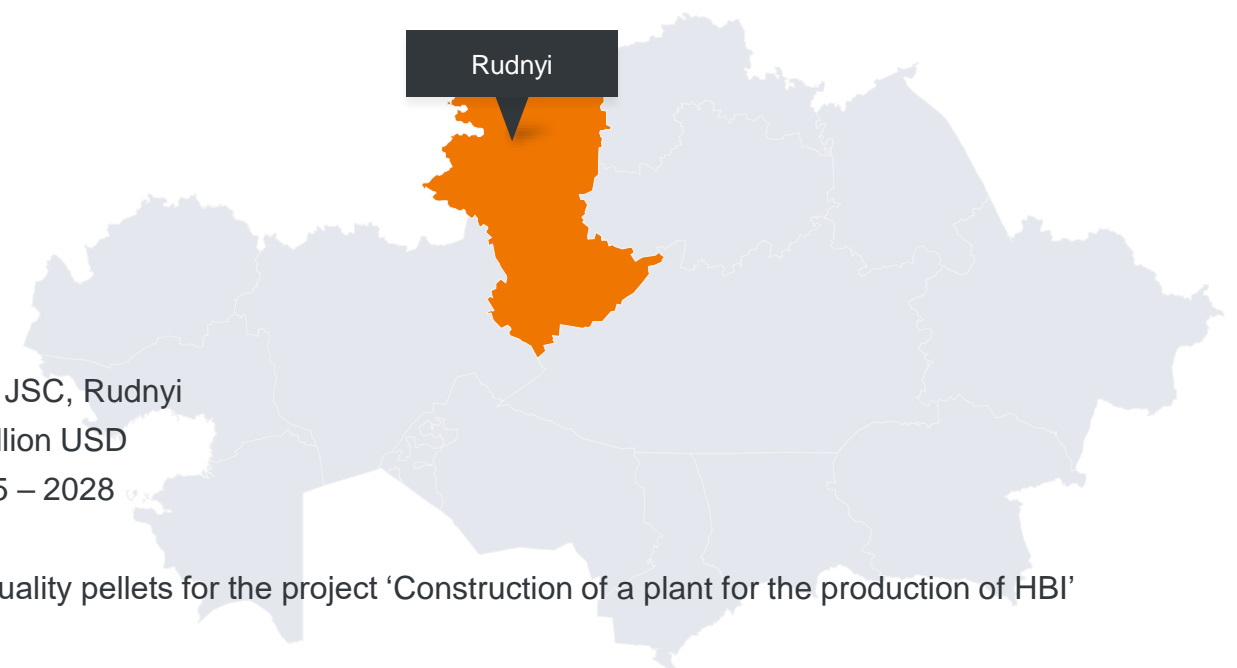
### Scope of work:

- Development of options for basic technological solutions;
- Geological and geodetic surveys;
- Development of basic and detailed engineering;
- Development of detailed design and engineering and obtaining a positive examination of the project;
- Manufacture and supply of materials and auxiliary equipment;
- Pre-commissioning and commissioning;
- Staff training.

## 7. Construction of a new pelletizing factory



SSGPO



**Enterprise:** “SSGPO” JSC, Rudnyi

**Project scale:** 217 million USD

**Schedule dates:** 2025 – 2028

**Industry:** Metallurgy

**Final product:** High quality pellets for the project ‘Construction of a plant for the production of HBI’

**Stage:** FEL

**Business case:** Ensuring the HBI Plant project is supplied with pellets of quality exceeding requirements in terms of granulometry, cold and hot strength, and chemical composition, resulting in a 55% reduction in production cash cost.

**Scope of work:**

- Basic and detailed engineering development
- Design documentation preparation
- Manufacturing and supply of materials
- Commissioning and start-up
- Personnel training

## 8. Construction of product filtration section and vertical calcination furnaces



Pavlodar Alumina Plant



**Enterprise:** “Aluminium of Kazakhstan” JSC - PAP, Pavlodar

**Project scale:** 82 million USD

**Schedule dates:** 2025 – 2028

**Industry:** Modernization

**Final product:** Alumina with 0% moisture ( $Al_2O_3$ )

**Stage:** FEL

**Business case:** Modernization of production aimed at reducing operating cost by USD 39-55 million per year, with an additional impact on alumina sales price and a contribution to EBITDA from improved alumina quality of USD 3-5.5 million per year.

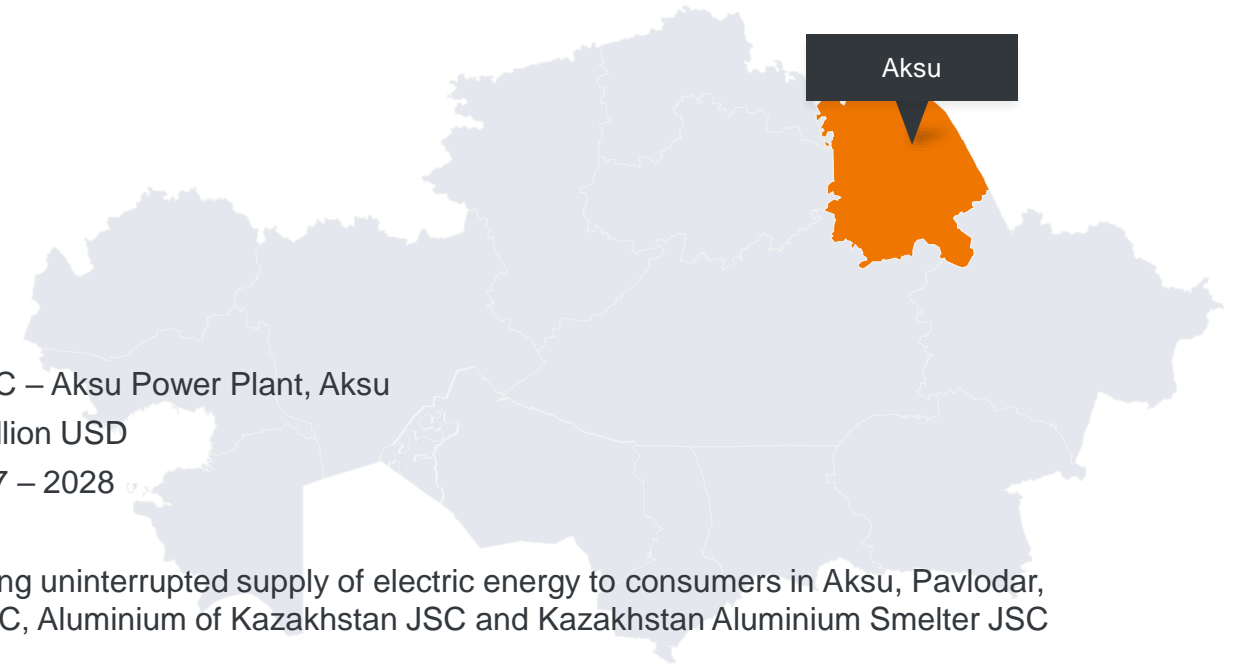
**Scope of work:**

- Evaluation of alternative core process solutions
- Geological and geodetic surveys
- Basic and detailed engineering development
- Design documentation preparation and obtaining project approval
- Manufacturing and supply of materials and auxiliary equipment
- Commissioning and start-up
- Personnel training

## 7. Reconstruction of power unit of No. 7 station at EEC JSC



Eurasian Energy Corporation



**Enterprise:** “EEC” JSC – Aksu Power Plant, Aksu

**Project scale:** 277 million USD

**Schedule dates:** 2017 – 2028

**Industry:** Energy

**Final product:** Ensuring uninterrupted supply of electric energy to consumers in Aksu, Pavlodar, “Kazchrome” TNC” JSC, Aluminium of Kazakhstan JSC and Kazakhstan Aluminium Smelter JSC

**Stage:** FEL

**Business case:** The construction of a unit with an increase in capacity to 325 MW and formation of capacity for the needs of the group’s enterprises and the market in the Republic of Kazakhstan, reducing emissions of pollutants.

**Scope of work :**

- Geological and geodetic surveys;
- Development of basic and detailed engineering;
- Development of detailed design and engineering and obtaining a positive examination of the project;
- Manufacture and supply of materials and auxiliary equipment;
- Pre-commissioning and commissioning;
- Staff training.



# Contacts



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