Eurasian Resources Group opens an innovative green school powered by solar and AI

Eurasian Resources Group (ERG), a global metals and mining company headquartered in Luxembourg, has inaugurated a new preparatory high school in the Kazakhstan city of Rudny as part of its “ERG mektep” (“ERG for Schools”) program, which has channeled more than US$ 32 million in total into education in Kazakhstan in recent years. As part of it, ERG invested over US$ 16.6 million in this new gymnasium. For Kazakhstan, it’s the first ‘green’ high school.

The facility, designed for 1,200 students, is the first in Kazakhstan to be powered by electricity from solar panels. The school makes focus on ergonomics, inclusivity, energy efficiency, and advanced security systems integrated with artificial intelligence. With an area of over 19,590 square meters, it is also one of the largest schools built under the state-led Keleshek Mektepteri (“Schools of the Future”) initiative.

“We are proud that this project has become part of the Keleshek Mektepteri national initiative launched by President Kassym-Jomart Tokayev,” said **Shukhrat Ibragimov, CEO of ERG and its**

Chairman of the Board of Directors.

“To quote Kanysh Satbayev, our outstanding scientist, the first academician of the Academy of Sciences of Kazakhstan, who made a huge contribution to the development of geology and science in Kazakhstan, ‘The future belongs to young people. But in order to be prepared for this future, they need to be equipped with knowledge,” added **Mr Ibragimov.**

There are 60 classrooms, 4 computer labs, a STEM laboratory and a robotics room, machine-equipped workshops, and language labs for learning foreign languages. The new school includes hydroponic systems for biology and ecology studies, and a media center with a podcast studio.

Digital assistants will support teachers, tailor learning tasks, and make education interactive and in line with modern education systems.

The new school building will accommodate students with special educational needs, offering accessible classrooms or special elevators.

As part of a joint program with the Teach for Qazaqstan foundation, four STEM teachers will join the new school to reinforce learning in critical technical areas.