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A lesson like no other! “Green energy, brick by brick” – renewable energy education with LEGO bricks

Electrum, in cooperation with Epi-Centrum Nauki, invites children and parents to a unique educational workshop: “Green Energy, Brick by Brick.” Starting in December, Epi-Centrum Nauki in Białystok will offer classes that introduce participants to the basics of renewable energy and climate technologies in an accessible and engaging way. The centerpiece of the workshop is the Electrum Eco Hive city model, built from over 50,000 LEGO bricks. The first session for individual participants will take place on December 7, 2024.

The “Green Energy, Brick by Brick” workshop is designed for families with children aged 8 and older who want to explore modern technologies and sustainable development together. The 60-minute sessions are divided into two parts. During the theoretical segment, participants will learn about the energy mix, understand how different energy sources work — from traditional coal-fired power plants to modern wind farms, photovoltaic installations, and energy storage systems — and explore the importance of energy diversification for environmental protection. In the practical part, children and parents will team up in pairs to design their own energy solutions using LEGO bricks. An innovative multimedia kiosk accompanying the model allows for an interactive exploration of how different energy sources operate.

Family workshops will be held every other Sunday starting in January 2025. Tickets can be purchased on-site or online through the booking system available at www.epi-centrum.bialystok.pl. The cost of participation is PLN 25 per person, with a maximum of 10 participants per session including accompanying adults. Group workshops will be available from Tuesday to Friday, with content tailored to the needs of each group. Group bookings can be made by phone at +48 512 032 190. The schedule will be arranged based on availability and preferences. The maximum number of participants for group workshops is 25.

“Green Energy, Brick by Brick is our response to the energy challenges of the future. We want children to understand where energy comes from and to be aware that their everyday choices impact the environment. The workshops at Epi-Centrum Nauki are not only educational but also a great opportunity to collaboratively design sustainable solutions that will one day become the norm,” said Jan Roguz.

We warmly invite families and organized groups to take part in this unique initiative that combines learning with play and shows how cooperation between science and business can support sustainability education.

About Electrum

Electrum Group is a leading Polish Climate Tech company based in Białystok, offering comprehensive solutions using the latest technologies for the development, construction, and management of energy and information projects. The technological maturity of its experts enables the delivery of products and services tailored to the evolving needs of industry and business as the energy transition advances. The company designs and implements solutions and delivers projects based on the concept of an individual energy mix — balancing social and environmental responsibility with economic performance.

Learn more about Electrum Group on our social media channels: [LinkedIn](#), [Facebook](#), and [Instagram](#).

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