



**The future
is here**



**Energy
Coin Market**



The future is here

Global energy consumption is increasing, while natural resources are rapidly depleting, leading to rising prices and market destabilization. Traditional energy sources are responsible for greenhouse gas emissions, environmental pollution, and the climate crisis. The world faces tough decisions as it intensifies efforts to decarbonize. Investments in renewable energy sources and innovative technologies have reached unprecedented levels, yet the cost of the energy transition will impact us all.



CREATIVE IDEA

In response to this situation, we have decided to build a **distributed energy ecosystem** consisting of **zero-emission energy clusters** based on renewable generation sources, hydrogen technology, and DLT supported by AI. The goal is to ensure energy security, reduce costs, and achieve the objectives of sustainable development and ESG reporting.

Energy Coin Market is an innovative **FinTech** platform that digitally mirrors a distributed energy system through the use of **DLT**. By implementing smart contracts for power (kW) and energy (kWh) and innovative user wallets, new opportunities have emerged. As the operator settling transactions both between system users and cluster units themselves, ECM has enabled the digital transfer of value and created a new market—**the capacity market**.



Digital System Operator - Model

Modern global markets are turning towards investments based on acquiring property rights represented in the form of digital, secure smart contracts. This technological approach ensures the safety, transparency of investments, and their outcomes. Through advanced IT technologies such as DLT supported by AI, ECM has created a unified solution enabling the settlement of both cluster participants and its individual components on the basis of IoT (Internet of Things), regardless of the location or energy carrier. The platform also facilitates the settlement of values such as certificates of origin, simplifying ESG reporting and defining a long-term path for sustainable development.



ECM Energy Wallet

The ECM energy wallet tool serves as the core element of the system. It enables users to build their own portfolio of power rights (kW) within the various available energy clusters and benefit from them. The wallet is the heart of the settlement system, and Air Drop mechanisms ensure its proper functionality.



SDT x (kW) smart contract

The SDTx smart contract is a digital representation of an agreement establishing ownership of power (kW) held by the user. Based on the SDT asset stored in the wallet and the recorded power volume, the system settles all resulting values.



EC (kWh) smart contract

The values generated within the cluster are recorded in the digital representation of the Energy Coin (EC), which is based on a unit of energy (kWh) and reflects its financial value through the nominal value parameter assigned at the time of issuance. EC smart contracts serve as the internal settlement value of the system, and their digital nature has enabled new possibilities for utilizing the energy produced.

Thanks to the digital representations of values, the ECM Ecosystem offers a new perspective on the usability of energy. The implemented mechanisms allow for transactions to be made in accordance with the nominal value parameter. The system enables the conversion of earned values into classic currency (USD) through ECM/Exchange by burning the EC smart contract. ECM/Store is an e-commerce tool facilitating purchase transactions. The use of energy in other clusters within the ECM ecosystem is managed through the automated Energy Exchange Platform Tron. The system also allows for the relocation of earned values into new SDT power assets according to the SES mechanism. ECM solutions have enabled the creation of a new market—the power market.

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Energy sector – the largest market in the world

The global energy market is one of the largest sectors of the economy, with its value estimated at over **\$10 trillion in 2023**, and its annual growth rate (CAGR) projected to be around **6-8%** until 2030. Energy demand is growing at a rate of approximately **2-3% per year**, driven by population growth, urbanization, and economic development, particularly in developing countries. The activities of the ECM ecosystem, through its operator functions and by introducing an internal billing value based on energy (kWh), generate potential profits in the following sectors:

System operator

The operator's function in the business model imposes a fee on ecosystem members (energy clusters) based on the value of the energy produced. ECM provides protocols and the mechanics of smart contracts, settling all transactions and fully automating the processes. The creation of a capacity market allows for the valuation of energy based on the value of the produced energy.

TRON energy exchange platform

The Tron energy exchange platform allows the user to utilize the generated energy value in any cluster instance according to its nominal price parameter, without the need for physical transmission. The system charges transaction fees for settling the value between clusters.

E-commerce market ECM/STORE

The value of the energy generated within the ecosystem creates a powerful internal financial market. As part of its mechanics, the ecosystem will provide an e-commerce solution (ECM/Store) enabling the trade of goods and services settled via smart contracts based on kWh, using the nominal price parameter (internal billing value). The ECM/Store mechanisms generate significant benefits by eliminating intermediaries, thereby generating profits from margins.

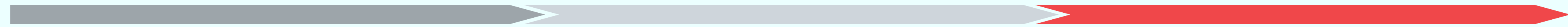


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Funds - financing

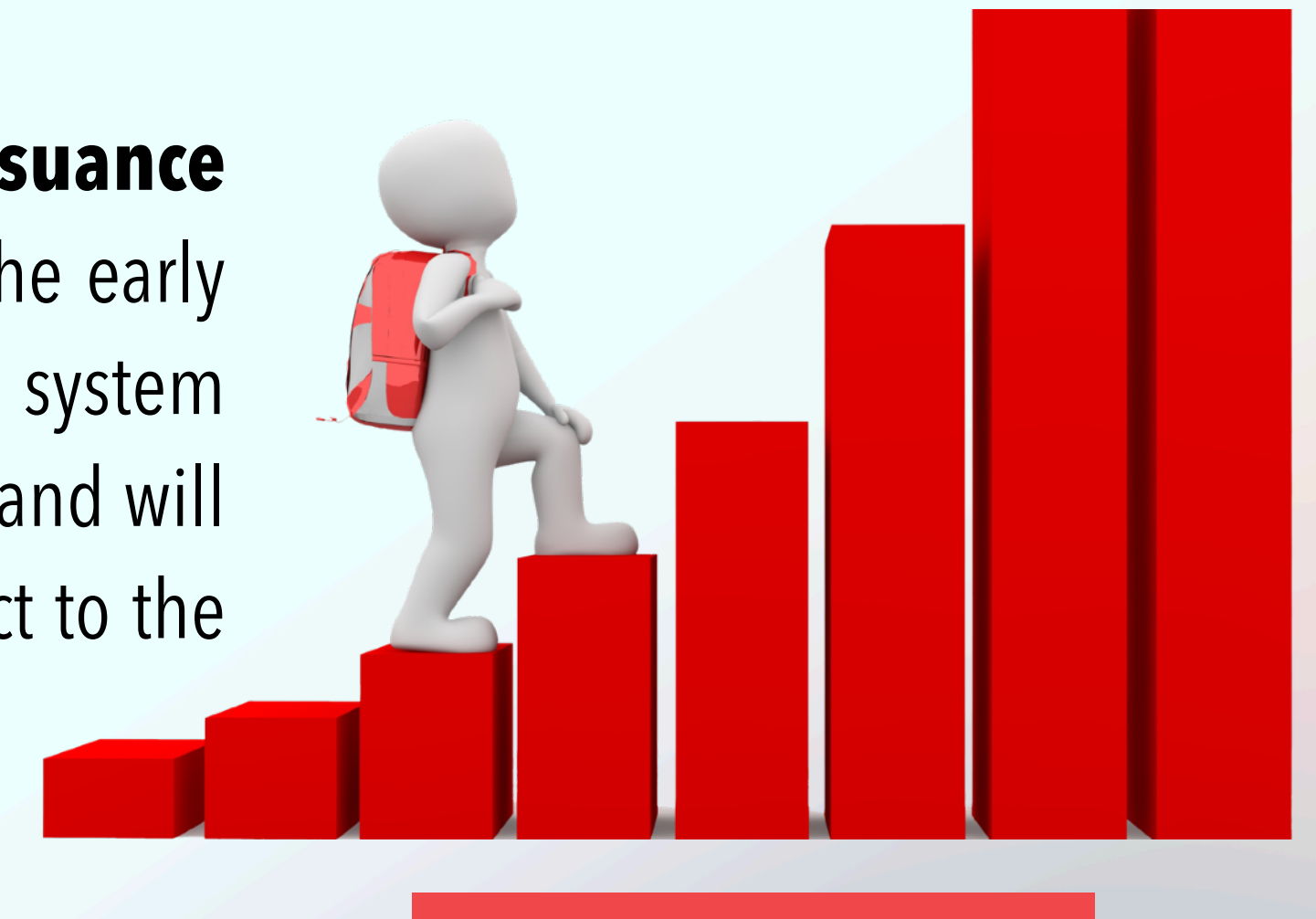
ECM Stage I smart contract and Frozen Reserve of Stage II - liquidity guarantee.



Emission and Rounds of ECM smart contract

The financing of the ecosystem, in accordance with the adopted business model, takes place through the **issuance and public offering** of ECM smart contracts. The first two rounds were **successful** and helped build the early community of the ecosystem. The third round, called **Evolution** that has just begun will ensure full system functionality and support development and international expansion. The fourth and final round is unique and will be conducted in the form of an auction – **stock market listings**. This will release the ECM smart contract to the public market and allow its value to be shaped through demand and supply mechanisms.

Planned start of the round in 2026



BUSINESS

G R O W T H



Frozen reserve of ECM

Smart contracts from the **frozen ECM reserve pool**, at a level of 12.5%, will be subject to a transfer restriction. These contracts will guarantee stable revenue in the form of energy value expressed in the ECM smart contract. This structure ensures that an ECM unit becomes its own user. It will also enable the financing of the ecosystem and provide **profit guarantees** after the completion of the ECM smart contract issuance process. The adopted business model will also allow for no fees to be charged to ECM wallet users, in line with the Win-Win principle.

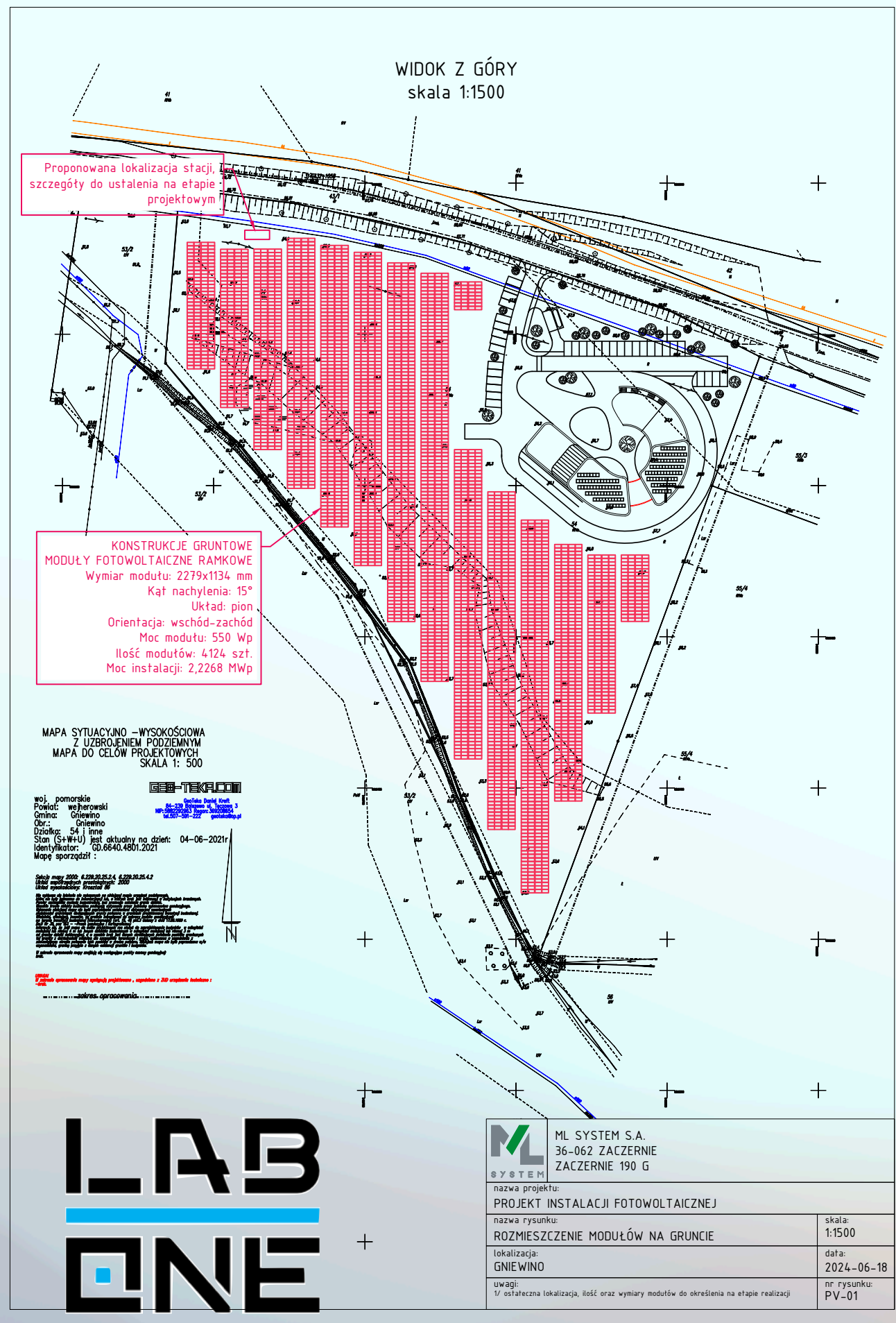
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Energy clusters - it is worth it

ECM Energy clusters are units functioning in a soft off-grid system—energy islands that balance themselves through **green hydrogen**. From a business perspective, the cluster consists of participants such as producers and consumers, and depending on the applied model, these functions can be combined. The entire process within the cluster is **settled by the operator (ECM)**. The generated energy is consumed locally on a prosumer basis or converted into another carrier and constitutes a commercial product of the cluster. Example products include green hydrogen, oxygen, heat, or, in another model, computational power for a Data Center.

A key element of the ECM ecosystem is **R&D Future Solutions**, within which the innovative energy cluster **LAB ONE** is created. On an area of 30,100 m², a production installation is being integrated, consisting of a PV farm, vertical wind turbines, and a PEM electrolysis system. A unique feature of the cluster is the self-sufficient laboratory building equipped with BIPV technology. The total power is **2.4 MW**, represented by the smart contract SDT1 LABONE. The main products of the unit are green hydrogen and oxygen, which maximize the return on investment from production.



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e-vision process management in the

e-Vision is a complete software package for energy clusters that wish to integrate all the needs arising from proper energy production, distribution, and consumption optimization. Thanks to full integration with dedicated hardware platforms (such as meters, monitoring sensors, electrolyzers, fuel cells, gas cogenerators, photovoltaic panels, wind and water power production units, etc.), financial control platforms (FK), and the ability to operate both in Cloud and On-premise models, the solution ensures rapid deployment and provides a comprehensive solution for the Solaris Hydrogen power supply team. Simplifying the system, e-Vision manages the production process, storage, expenditure, and settlement.

e-Vision is being developed within the ECM ecosystem by R&D Future Solutions. Its architecture has been designed to report parameters and information about the ongoing processes, particularly the quantities and values of energy produced within the cluster, to the **DApp ECM system**, which, through smart contracts, transfers the value to users' wallets. This solution ensures full automation of the settlement processes, guaranteeing transparency and the **security of transactions**.

This type of comprehensive system is aimed at small and medium-sized enterprises, energy clusters, and individual households. e-Vision plans to align with the prosumer, collective prosumer, and virtual prosumer models right from the planning stage. Many mechanisms typical of existing energy systems have been omitted in favor of solutions that minimize the amount of personnel required in the trading company and operator for system maintenance.

Technical process management

- e- Vision EMS
- e- Vision SCADA

Business process management and energy management

- e- Vision DSR
- e- Vision MDM
- e- Vision BILING
- e- Vision RAPORTY
- e- Vision CUSTOMER CLOUD

e-vision

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Our offer for the world

The mission of **Energy Coin Market** is to complement the professional energy system through the implementation of decentralized energy clusters, the **creation of a financial system based on the value of energy (kWh)** with all the elements of a traditional financial system, and the decarbonization of everyday life. ECM solutions have also enabled the creation of a new market—the **power market (kW)**. The transaction settlement system, using the energy wallet instrument, smart contract mechanics, and the transfer of energy in the form of a digital Air Drop, has provided us with a completely new perspective on energy and its usability.

- ✓ DLT energy system operator.
- ✓ New market - power trading floor in kW
- ✓ Internal settlement value based on kWh
- ✓ Energy-settled e-commerce
- ✓ Digital energy transmission - TRON platform



- ✓ Decarbonization, sustainable development, and ESG
- ✓ Virtual prosumer - generate energy wherever you desire
- ✓ Carbon Border Adjustment Mechanism (CBAM) compensation
- ✓ CO2 passport compensation
- ✓ Energy security - no Black Out

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How we will achieve the goal

1 Building the ECM operator

The construction of the platform **ecmarket.eu** involves the provision of energy wallets and a package of smart contracts for the ecosystem. It includes the development of ECM/STORE, the TRON Energy Exchange Platform, SES, and ECM/Exchange.

3 Europe

The ECM ecosystem is a **global** operator of decentralized energy. To achieve this, we have begun building an international network of branches, which we have called **ECM Beacons**. This expansion model has allowed us to acquire representatives in **England**, the **Czech Republic**, and **Denmark**, and this is just the beginning, as ECM is in discussions about the possibility of rebuilding the energy system in the war-torn areas of **Ukraine**.



2 Polish market

The first energy clusters include the innovative showcase **LAB ONE** and the implementation of units according to already signed agreements for municipalities– **Władysławowo** (planned 240 MW), **Choczewo** (Planned 650 MW), and commercial clusters for **Rossmann**. The Polish market is estimated to eventually account for 10% of the ECM ecosystem's turnover.

4 Asia, USA

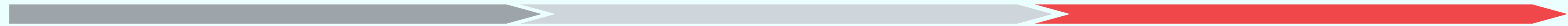
Ultimately, the ECM ecosystem is exploring the **possibility of implementing** the cluster system in countries with the fastest economic growth, such as the **USA**. We are also focusing on locations with high population densities and outdated energy systems, such as **India**, where there is a rapid increase in energy demand. This is how we envision our **future**.

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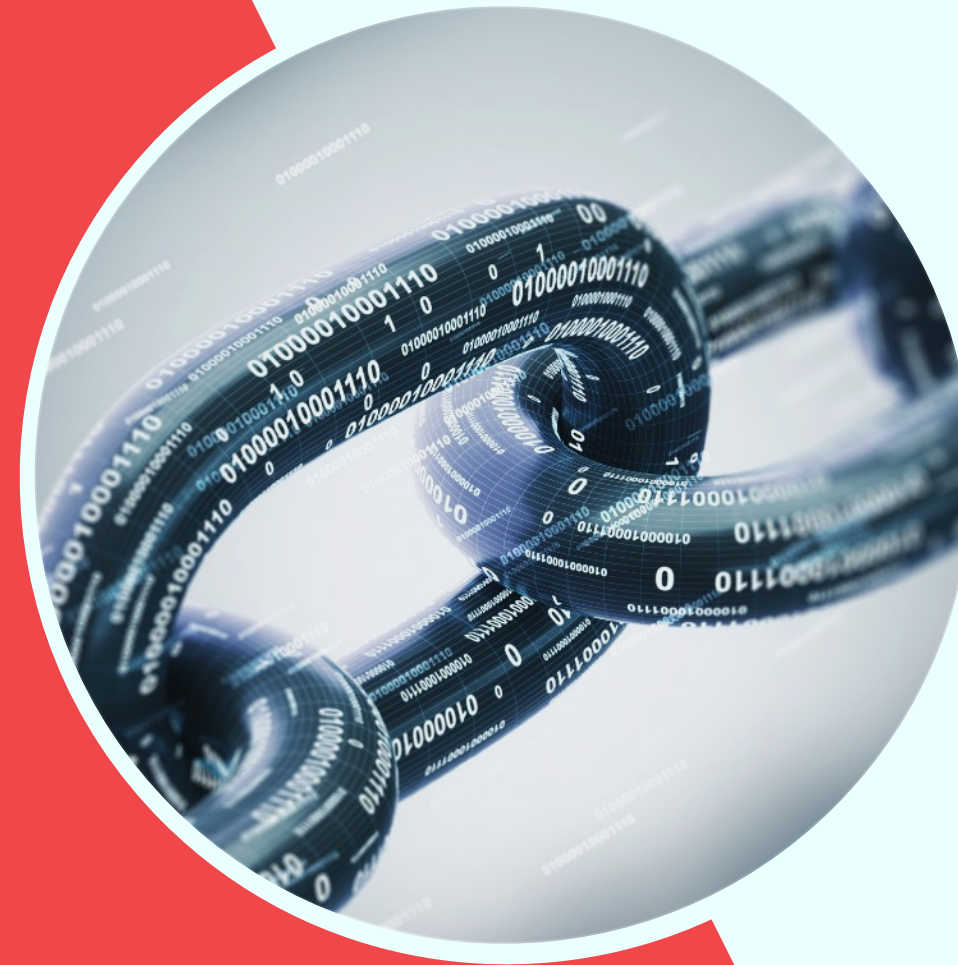


Become part of the ECM ecosystem

Invest in future-type smart contract assets



Modern global markets are increasingly turning towards investments based on acquiring property rights presented in the form of digital, secure smart contracts. This technological approach guarantees the safety, transparency, and effectiveness of the investment and its outcomes.



- ✓ Become an investor in the international zero-emission distributed energy system
- ✓ Earn from the transformation and production of energy in its various forms, such as green hydrogen
- ✓ Build a fin-tech with us that creates new markets
- ✓ Earn on the internal market with a settlement currency
- ✓ Become part of the ecosystem within which the innovative R&D operates.

Investing in a future-type smart contract is an investment in the profits of the ECM ecosystem. Investing in shares of Energy Coin Market provides the opportunity to participate in the development of an innovative fintech creating decentralized energy, new opportunities for acquiring and trading power that generates your own energy. **Don't wait, contact us now!**

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Energy Coin Market is being created by an extraordinary group of people. It includes specialists from various fields such as economics, finance, marketing, energy, chemistry, and cryptography. To ensure that the mechanisms used in the ecosystem are intuitive and flawless, their development is overseen by a team of experienced IT professionals coding in DLT environments and working with AI.



Roland Kosecki

Co-Founder of Energy Coin Market, with over 10 years of experience in the recovery, recycling, and environmental industries, a proponent of the circular economy of raw materials



Weronika Kosecka

CEO of Energy Coin Market, CBR Future Solutions, with over 10 years of experience in the recycling industry. Advocate of an eco-friendly lifestyle



Bartłomiej Okoń

Co-Founder, creator of ECM, and CEO of CBR Future Solutions. Master of Economics from the University of Gdańsk, specializing in International Markets and Global Economy, Economic Analysis.



Jakub Goryszewski

CINO, Director at Molanote 6, Energy Specialist at CBR Future Solutions. MBA, over 20 years of experience in IT and over 10 years of experience in energy and R&D projects



Dorota Janusz

Public Relations Specialist, co-founder of CBR Future Solutions, with over 16 years of experience in client relations, brand building, and social media marketing expert.



Piotr Schumann

Cryptography Specialist, AI with over 8 years of experience in international markets, co-founder of cryptographic solutions at IncBuilders USA

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Team and Advisors

prof. dr hab. inż. Piotr Doerffer

Researcher at the Gdańsk University of Technology and the Institute of Fluid-Flow Machinery of the Polish Academy of Sciences. Expert in the field of wind turbines

Edyta Forysiuk

Specialist in property management. She graduated from London Metropolitan University, where she earned a Master of Arts in Management and a Bachelor of Arts in Business and Management (Hons). Her impressive professional achievements include key positions at renowned companies

Patrycja Riganova

In the ECM system, she will take leadership of the Lantern in Prague, which will cover the Czech market, where we will build a decentralized zero-emission cluster system. Over 10 years of experience in team management, team manager, and enterprise management. Graduate of Charles University, with a degree in Philosophy

Aqib Kapre

In the ecosystem, he will manage the ECM lantern in the UK market, with over 15 years of experience in enterprise management and team leadership. He has collaborated with major British construction companies and well-known brands such as McDonald's, KFC, and Pizza Hut

Anna Forrester

Graduate in Economics and Public Administration from Krakow University of Economics and Postgraduate in Professional Accounting from Monash University, Melbourne, Anna is Economics and Finance Advisor and has 20+ years experience working in corporate, public and non profit sectors.

Konrad Han

Hydrogen Technology Advisor. Graduate of Poznań University of Technology and Warsaw University of Technology in Chemical Technology and Process Engineering. President of the Hydrogen Technology Institute

Katarzyna Lange

In the ECM ecosystem, she leads the lantern in Copenhagen, which will cover the Danish market. Over 15 years of experience in client relations. Advocate for decarbonization and a clean environment, engaged in innovative ecological and digital solutions. She has a wide range of skills, from communication to pedagogy and psychology

Małgorzata Holiat

Internal Security within the ECM system. Master's degree from the Cracow University of Economics, specializing in Public Economy and Administration, postgraduate studies at the Gdańsk University of Technology: ISO Standards and Quality Management. Certifications: ISO 9001, ISO 45001, ISO 14001. Work: Ministry of State Assets, Department: Ownership Supervision over State Treasury Companies, Specialist in Strategic Significance Companies.

Ryszard Stachurski

Advisor in relations with local government. Master of Polish Philology from the Faculty of Humanities at the University of Gdańsk. Polish state and local government official. In 2010–2011, Secretary of State at the Ministry of Sport and Tourism, and in 2011–2015, Voivode of Pomerania

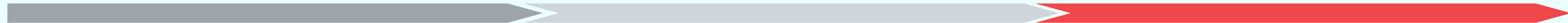
Izabela Krakowska

Specialist in chemistry, hazardous materials, gas purity measurements at CBR FS, with experience in PSG's Measurement and Telemetry Department. Graduate of the Warsaw University of Technology, Faculty of New Technologies and Chemistry. Internship at the University of Helsinki, Faculty of Science, and at the Institute of Organic Chemistry, Polish Academy of Sciences in Warsaw.

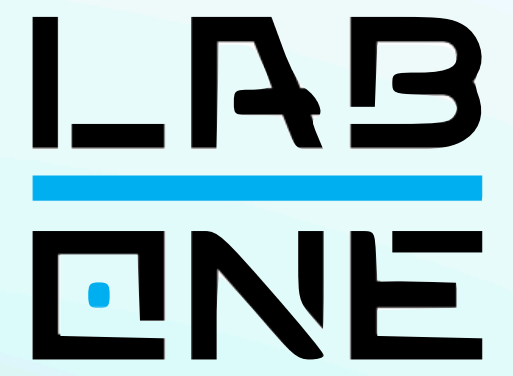
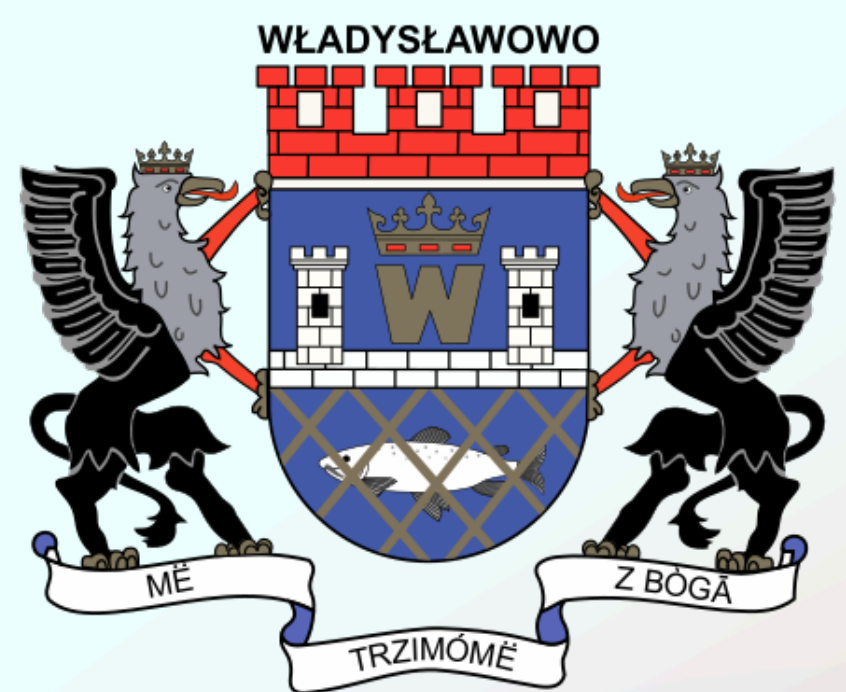
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Cooperation:

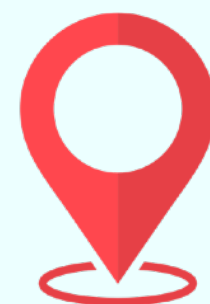


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