Engineering innovation

A sustainable energy future for Europe

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About InnoEnergy

Who we are

Europe’s engine for innovation in sustainable energy

Empowering every stage of the innovation process

Investing in people, technologies, businesses

Established 2010: supported by the EIT

Public-private partnership aiming for financial sustainability
Bringing the *Knowledge Triangle* to life

Strengthen EU innovation
Creates tomorrow’s entrepreneurs
Increases sustainable growth
Encourages global competitiveness
Network and connections

Making connections: the power of the network

6 co-location centres
25 shareholders
320+ partners
Sustainability for Europe

Thematic fields and technology focus

- Clean coal and gas technologies
- Energy storage
- Energy efficiency
- Energy from chemical fuels
- Renewable energies
- Smart and efficient buildings and cities
- Smart electric grid
- Nuclear instrumentation
Our services

For every stage of the innovation journey

Innovation Projects

Business Creation Services

Education
Connecting ideas and industry, innovators and business partners

Simplifying the journey from lab to launch

- Partners, skills and resources
- Market needs and potential customers
- Shorten time to market
- Financing and investment
- A commercial product in 5 years

Expanding the circle of innovation in Europe’s energy sector
Our services. **Business Creation Services**

Connecting entrepreneurs and start-ups to markets and customers

**Tailored business support: the InnoEnergy Highway**

- **Product:** potential, development, pilot, launch
- **Market:** opportunities, positioning, modelling, planning
- **People:** capabilities, training, support, mentoring
- **Finance:** seed money, VCs, angels, equity

**Viable technologies, sustainable businesses, entrepreneurial spirit**
Our services. **Education**

**Connecting graduates and employers, researchers and industry**

Combining technical knowledge and commercial awareness

- Improve career prospects
- Deepen the industry’s talent pool
- Encourage innovation and entrepreneurship
- Increase competitiveness

**Delivering smart people, skills and connections to Europe’s energy sector**
Central Europe’s Partners Pipeline

**Lithuania**
- Lietuvos energija
- Ministry of Energy of Republic of Lithuania
- State-controlled energy holding company involved in heat distribution and supply, natural gas trade and distribution as well as construction and maintenance of power plants and grid.

**Estonia**
- Eesti Energia
- State-owned company offering electricity, heat and fuel production, sales and customer service in the Baltics and Poland.

**Romania**
- rompetrol
- International oil group with operations in 12 countries

**Poland**
- Śląskie
- The National Centre for Research and Development

**Turkey**
- Istanbul Development Agency
- Electricity distribution and sales company with 9.2 million customers in 14 provinces

**Czechia**
- ZSE
- Integrated conglomerate which principal businesses encompass generation, trading, and distribution of power and heat, as well as coal mining.

**Slovakia**
- Ondrejnavská energetická
- Ministry of Economy of the Slovak Republic
- Core customer services company offering billing to all its customers: households, businesses and strategic Slovak companies.

**Slovenia**
- PETROL
- Oil distributing and trading company with its extensive network of 464 modern service stations in Slovenia and abroad.

**Hungary**
- MOL Group
- MOL Group
- Leading oil and gas company experienced in exploration, production, refining, distribution, power generation and trading activities supported by more than 75 years’ experience in the hydrocarbon field.
- Energy company, the largest in the country responsible for the production, distribution and sale of electricity. Operating the Paks Nuclear Power Plant plays a decisive role in the Hungarian market.

**Greece**
- HELLENIC PETROLEUM
- NATIONAL BANK OF GREECE
- One of the largest oil companies in the Balkans operating primarily in Greece, South Eastern Europe, and the East Mediterranean.
SKELETON UltraCap (Estonia)

First prototypes 2011

UCGEN3 innovation project is approved 2014

0.2% sales 2015

Small scale production facility in Estonia 2016

2.5 M € SME Phase 2 2016

First big contract 3.5 m € 2016

4 M € InnoEnergy 2016

SME Phase 2 Funding 13 M € FirstFloor Capital 2017

AABB

esa

Customer check

Full Production

KIC Financial Sustainability

KIC investment & return

4 M€

20 + employees

100 + employees

20 + employees

4 50 +

2.5 M € SME Phase 2

First big contract 3,5 m €

13 M € FirstFloor Capital

Technology

Funding

Customer check

Technology

Funding

KIC Financial Sustainability

KIC investment & return

4 M€
Hygen (Latvia)

2014 & BEFORE
Alpha prototype & patenting. Completed comprehensive market study.

2015
Beta prototype. Secured 2.5M EUR series A financing.

2016
Industrial production prototype, external testing & demonstration. Finalized the design of the product.

2017
Certification, demonstration and pilot projects.
Thank you for your attention!

Kamil Szydłowski

Regional Cooperation

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