

An Innovative Financial Solution as Success Story for Sustainable Investments in Hungary

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LENERG Energy Agency Nonprofit Llc.

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- ❏ General information about LENERG Energy Agency Nonprofit Llc.
- ❏ The available financial tools in Hungary to support energy and climate projects and the related problems and challenges.
- ❏ Our good practices.





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Owners:

-  University of Debrecen
-  Foundation for Development of University of Debrecen

Main activities:

-  increasing use of renewable energy sources,
-  promotes energy efficiency
 -  preparing Energy strategies, action plans, SECAPs,
 -  consulting activity, project management and generation
-  cooperation with public and private actors, promoting sustainable energy use






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Financial tools in Hungary to support energy and climate projects

Operational Programmes

-  Environmental and Energy Efficiency OP
-  Economic Development and Innovation OP
-  Territorial and Settlement Development OP

SMEs, local governments own sources

International projects

-  HORIZON2020
-  INTERREG Programmes



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Problem/challenge addressed


Operational programmes - non repayable grants

 After 2020?


Own sources

 Limited, lack of capital

Direct EU Funds

 Hardly available for local governments, SMEs

Loan

 Hardly available for local governments



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Available solution: Non-profit ESCO

❏ **ESCO:** Energy Service or Saving Company

- ❏ Providing a broad range of energy solutions.
- ❏ Combined technical and financial service, **Energy Performance Contracts (EPC)** – guaranteed savings

❏ **Savings in energy costs are used to pay back the capital investments**

- ❏ Optimal return period (5-15 years)

❏ **Energy efficiency investments is covered directly from the saved energy costs**

- ❏ Education institutions, Healthcare organisations, Libraries, Cultural centres, Sport facilities, SPAs, Social institutions, Public lighting/ heating system




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LENERG's Non-profit ESCO activity

Non-profit ESCO company

-  LENERG Energy Agency Nonprofit Llc. – higher market trust

New pillar of LENERG: provide management task + investment support

-  extensive network of contacts, good connections with local governments of Hajdú-Bihar County
-  successfully started pilot project: Hajdúszoboszló Nursery
 -  completed building insulation and solar panel installation





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Additional benefits

Transferring good practices, experiences




-  increasing energy efficiency
-  promotion of the use of renewable energy sources

Cooperation

-  energy experts, universities, knowledge centers, ESCO experts

Bottom-up approach - Identifying local needs

Social responsibility

-  increase energy awareness
-  promote the benefits of energy efficiency
-  personal consultation



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Connection with the National Smart Specialisation Strategy

📄 Buildings are responsible -

- 📄 42% of EU's energy consumption
- 📄 35% of the greenhouse gas emissions

📄 National Priorities

- 📄 represent directions for specialization formulated by counties

📄 Sectoral Priorities

- 📄 **Clean and renewable energies:** green energy – renewables and bio-energy, energy efficiency, designed to reduce the energy dependency by means of clean and environmentally friendly energy, promoting the related R&D&I activities
- 📄 **Sustainable environment:** natural resource management, modern technologies, implementation of the environmental industry and sectoral innovation



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Thank you for your attention!

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