

# ENERGY EFFICIENCY in Industrial Processes



Horizon Europe Matchmaking Event  
Energy Research

19 October, 2021.

# EEIP is a decentralised, neutral, not-for-profit business & policy platform for energy transition

Technology-neutral and cross-sectoral, EEIP supports the functioning of markets for products & services to drive the business case of energy transition.

- Information for business and policy professionals globally
- Connect and engage with business, cities and policy to develop and drive change
- Share business solutions ready for replication and grow energy transition market
- Join projects to support innovation with the combined expertise of EEIP network

150 000 platform users

# Past and current Projects and EU initiative

## - multi-angle approach

- ▶ **ER>ER, energy recovery in ferroalloy industry (2011)**
- ▶ **Retrofeed, smart retrofitting in process industry (<https://retrofeed.eu/>)**
- ▶ **RE4Industry, 100% renewables for energy intensive industries (<https://re4industry.eu/>)**
- ▶ **Coralis, industrial symbiosis in energy intensive industries (<https://www.coralis-h2020.eu/>)**
- ▶ **DEESME, Guiding SMEs and national authorities through the energy transition by taking profit of multiple benefits and energy management approaches (<https://cordis.europa.eu/article/id/423168-guiding-smes-and-national-authorities-through-the-energy-transition-by-taking-profit-of-multi>)**
- ▶ **OneNet, TSO - DSO - Consumer: Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation (<https://cordis.europa.eu/project/id/957739>)**
- ▶ **Investor Confidence Project Industry, DHC, Street Lighting (<https://europe.eepformance.org/>)**
- ▶ **EEFIG, Energy Efficiency Financial Institutions Group ([https://ec.europa.eu/eefig/index\\_en](https://ec.europa.eu/eefig/index_en))**
- ▶ **Smart Cities Marketplace, Business Models & Finance (<https://smart-cities-marketplace.ec.europa.eu/action-clusters-and-initiatives/action-clusters/business-models-finance#management>)**

# Expertise

- ▶ **Finance:** consortium member of the EEFIG initiative, Action Cluster lead of Business Model & Finance of Smart Cities Marketplace, advisory board of SEIF.
- ▶ **Industry:** access to industries (SMEs/large industries) and expertise in various industrial processes and linked business models (from energy recovery and DHC to decarbonisation, industry4.0, energy audits and ENMS).
- ▶ **Buildings/Cities:** Several of our projects focus on buildings and smart cities including the participation in the EU Smart Cities Marketplace initiative and access to energy communities.
- ▶ **Policy:** active in the EU energy transition policy and regulation area, with a deep connections to multiple decision-makers

# Topic and project idea (edit)

Possible topic or topics of Horizon Europe you wish to address (please try to link it to the energy related topics we indicated in the invitation letter). If there are concrete calls, you are interested in, please specify!

- HORIZON-CL5-2022-D3-01-01 Demonstration of cost-effective advanced biofuel technologies utilizing existing industrial plants, IA
- HORIZON-CL5-2022-D3-01-03 Advanced manufacturing of Integrated PV, IA
- HORIZON-CL5-2022-D3-01-04 Demonstrate the use of high temperature geothermal reservoirs to provide energy storage for the energy system, IA
- HORIZON-CL5-2022-D3-01-05 Demonstration of innovative plug-and play solutions for system management and renewables storage in off-grid applications, IA
- HORIZON-CL5-2022-D3-01-08 Supporting the action of consumers in the energy market and guide them to act as prosumers, communities and other active forms of a active participation in the energy activities, IA
- HORIZON-CL5-2022-D3-01-10 Interoperable solutions for flexibility services using distributed energy storage, IA
- HORIZON-CL5-2022-D3-01-11 Demonstration of innovative forms of storage and their successful operation and integration into innovative energy systems and grid architectures, IA
- HORIZON-CL5-2022-D3-01-12 Replicable solutions for a cross sector compliant energy ecosystem, IA
- HORIZON-CL5-2022-D3-01-13 Energy system modelling, optimisation and planning tools, RIA
- HORIZON-CL5-2022-D3-01-14 Thermal energy storage solutions, IA
- HORIZON-CL5-2022-D3-01-15 Decarbonising industry with CCUS, IA

## Contact details:

**Karolina Dutkiewicz-Garcia**  
EEIP Project Office Lead  
[karolina.dutkiewicz-garcia@ee-ip.or](mailto:karolina.dutkiewicz-garcia@ee-ip.or)

