

Partner search for LIFE-2024-CET-BETTERRENO

Energy Performance of Buildings – Making renovation faster, deeper, smarter, service- and data-driven (Scope A: Facilitating large-scale deep renovation)



Organisation

The E.ON group's Customer Solution company (E.ON MyEnergy Kft.) has responsibility for customer solutions planning and delivery. Our company provides residential and corporate customers with solutions based on renewable energy and electrification – e.g. solar panels, heating and cooling solutions, electromobility and complex integrated energy solutions. Mentioning just a few projects and innovative ideas of the company: Energy Communities, FLEX.ON, Demand Side Response (DSR) and E.ON Solar.

Keywords: renewable energy, electrification, e-mobility, solar (PV), CO2 reduction



Experience

Participation in EU/national funded projects

- **CONNECT-E** ([CEF-T-2021-AFIFCOEN](#)) – installation of ultrafast-chargers along the TEN-T corridors in Hungary – co-financed by the CEF2 fund.
- **USER-CHI** ([H2020-LC-GV-05-2019](#)) – an industry powered, city driven and user-centric project that will co-create and demonstrate smart solutions around 7 connecting nodes of the Mediterranean and Scandinavian-Mediterranean TEN-T corridors to boost a massive e-mobility market take-up in Europe – co-financed by the Horizon2020 fund.
- **Energy Communities** (2021-ÉMI-MA – Hungarian national level call) – implementation of a multi-year program supporting the creation of energy communities. Building a dynamically operating system, which is capable to integrate innovative solutions, furthermore, can take energy efficiency in account in a consumer and climate friendly way, while provides security and safety of energy supply.
- **FLEX.ON** (ZFR-VHF – Hungarian national level call) – developing a flexibility platform for various flexibility sources (Photovoltaic (PV) generation, battery energy storage, demand side response) and assessing smart grid solutions for low voltage.



Project idea

In Hungary one of the biggest problems is the number of uninsulated houses (heating). We see an enormous potential in an insulation project (windows and doors), which could lead to energy savings and reduction of CO2 emissions in the long term.

We are in the middle of an electricity market change, where customers do not exactly know, what are the best decisions when it is about energy investments. Our main goals are:

- to support the customers in making energy-saving decisions with the help of energy advising, thereby stimulating the implementation of renovation projects;
- to support the market by connecting the “need and demand side”, suggesting the customers appropriate entrepreneur for the realization of the energy-saving investment.

We have developed a free service for B2C customers, called [digital energy advising](#), where they can go through an online survey, and at the end, they can receive the energy advising document with the suggested energy investments via email (real-time). The survey contains basic and specific technical questions about the property and a form about the contact/personal data. Currently, the following energy investments are included in the service:

- heating modernization (heat pump, boiler replacement)
- insulation, window&door replacement
- PV installation



With the help of the complex calculation behind the service, in the advising document, we can give a detailed technical description of the proposed investments. Moreover, we also share with the customers how much energy and money they can save with the developments.

Further development plans with the LIFE program:

- Widen the suggested energy investment opportunities with new opportunities and fields;
- Develop "recommendation function", where we can suggest a partner/subcontractor list with the customers to support the linking between need and demand;
- The target group of the service could be also widened with the SME segment (need to be analyzed);
- As the tool is digital and automated, it could be implemented in other regions as well within a consortium.

Keywords: market education, digitalization, advisory, renovation, B2C, SME, innovation



Contribution offered

- (Digital) product development;
- Service design;
- Renewable energy market knowledge;
- IT development (E.ON & partner);
- Energetic engineering expertise;
- Experience in larger, national level projects (e.g., FLEX.ON, Energy Communities) with focus on the energy transition and innovative solutions on the flexibility markets.



Expertise needed

- Coordinator and further Partners;
- Forming consortium where the ideas of the company would fit.



Contact details

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