

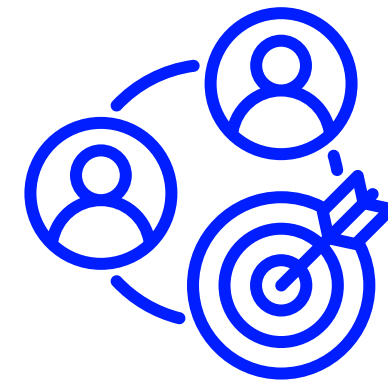
UNLOCKING THE POTENTIAL OF INNOVATIVE ENERGY SERVICES

The InEEExS project promotes a new generation of energy services, paving the way for innovation, integration of new technologies, and increased participation of citizens in the energy transition. Innovative business models were developed for real market scenarios that can be replicated to increase scalability.

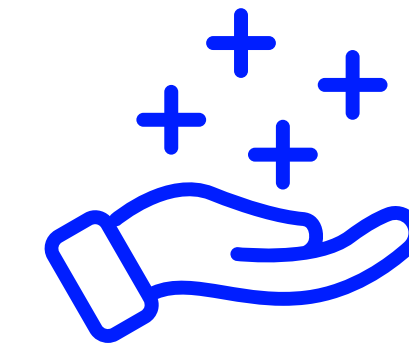
BUSINESS MODELS



TARGET GROUPS



BENEFITS



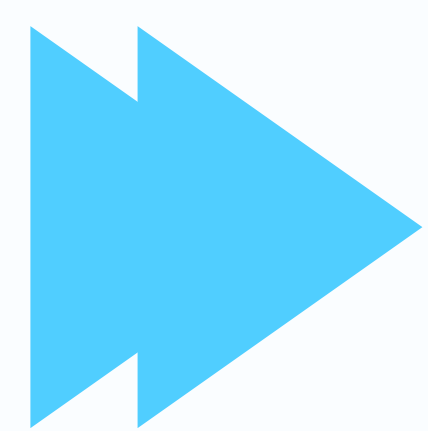
01 Recommendations for innovative energy contracts with Pay4Performance guarantees



ENERGY SERVICE COMPANIES (ESCOs)

- ⚡ Replacing fossil fuels with RES.
- ⚡ Better utilization of the solar power > increased energy efficiency.
- ⚡ Better information for tenants > increase self-consumption of RES.
- ⚡ Deployment of smart meters > increase of environmental awareness.

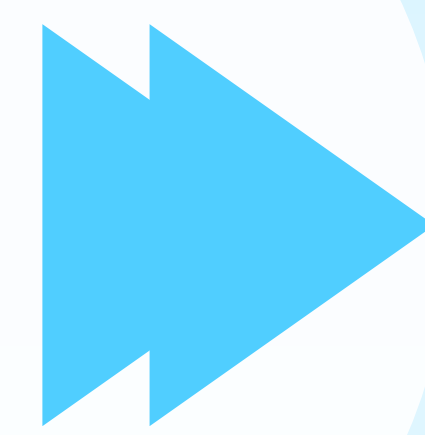
02 Improved self-consumption of DER in Energy Cooperatives



ENERGY COMMUNITIES

- ⚡ Reduced energy bills and improved energy literacy for households.
- ⚡ Reduced energy losses and innovation in the electricity system.
- ⚡ Increased financial muscle for the energy community.

03 Energy efficiency and flexibility services for legacy natural gas boilers



RETAIL CUSTOMERS
ENERGY RETAIL COMPANIES
NATURAL GAS BOILER INSTALLERS

- ⚡ Improved customer trust through consumption transparency.
- ⚡ Quantified aggregate impact of large consumer portfolios
- ⚡ Verified way to calculate energy savings.
- ⚡ Improved competitive edge in the energy service market.

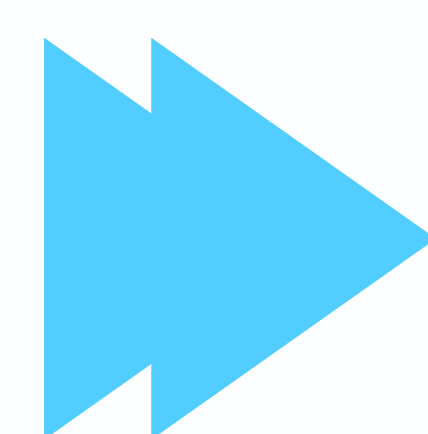
04 Smart energy management for EV chargers and electricity-based HVAC appliances



ENERGY RETAILERS
MANUFACTURERS (EV CHARGER, HEAT PUMPS, HEATING AND COOLING APPLIANCES)

- ⚡ Reduced cost of electricity and maximised self-consumption.
- ⚡ New forms of revenue and decreased volatility risk on wholesale market for B2C companies.
- ⚡ New sources of flexibility for DSOs and TSOs.

05 Decentralised Energy Efficiency Power Plant (DEEPP)



OPERATORS OF VIRTUAL POWER PLANTS (VPPS)

- ⚡ Pay-As-You-Save model for building owners.
- ⚡ Lower energy bills for users.
- ⚡ Monetization of energy savings through tradable certificates.
- ⚡ Performance guarantees for savings.



InEEExS is part of the Smart Energy Cluster, find out about the work of the the cluster here

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