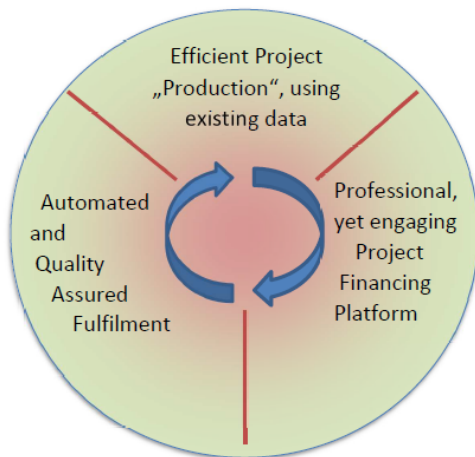
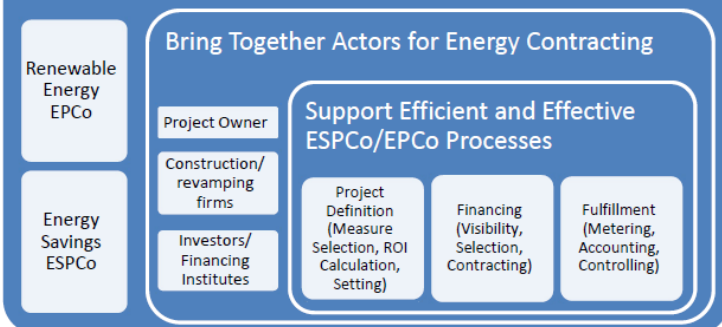


FinSESCo

“ FinSESCo exploits pre-existing building information from EPC and a fully digital implementation of the energy contracting process for faster decarbonisation. ”



Accelerate Green Energy Transition/Decarbonisation by Supporting Energy Contracting via the FinSESCo Platform



Project Duration

01.05.2022 - 31.12.2024

Project Budget

Total Budget: € 1,032,760.-
Funding: tbd

Project Coordinator

effiziente.st (Austria)

Project Partners

- Europa University Viadrina (Germany)
- SEnerCon (Germany)
- BEIA Consult International (Romania)
- Wellness Tech Group (Spain)
- Institute for Energy Studies Anna University (India)
- QiGrid Private Limited (India)
- Velore Institute of Technology (India)

Project Website

www.energycontracting.info

Contact

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Main Objectives

The aim of the project is to research technology and enabling factors for a platform supporting energy performance contracting. Individuals and investing entities may put their bids, financing implementation of small renewable installations and energy efficiency measures at the level of the individual single family building owners, building tenants and apartment owners. The applications utilising the platform components shall create trust by using secure transmission of meter data, automated publishing results for yields/saving and payment.

Implementation

The FinSESCo platform supports, via end-to-end digitisation, the process of project definition, investor search, contracting and energy flow metering, quality control and payments. Using already existing data on buildings and energy saving measures, the definition of ESPCo/ESPCo projects can be done with less effort. The gamified investment process with a competitive component and the embedded networked meter-based repayment process with secured transmission is complemented by machine learning-based error detection, which aims to detect deviating yields for renewable energy in EPCo projects, and lower savings in ESPCo projects to be able to plan counteraction in time.

The FinSESCo platform will include components for portals that focus on private projects but can also be used by companies and across sites to build an intranet solution. The project will explore the best use cases and test the acceptance and attractiveness among stakeholders, reaching TRL7 with the pilot implementation. The competences of the partners from 4 EU countries + India include the development of energy services, smart metering, machine learning, the implementation of energy contracting as a legal construct and social research.

Main Results

The outcome of the project is a specification validated through stakeholder acceptance, testing and technological assessments of the test implementations. Deliverables 2.1 Research analysis, 2.2 requirements manual prepare the pilots and a tool for interested parties to design a portal and test its suitability. Deliverable 4.1 Evaluation plan, 4.2 Evaluation summary, and 4.3 Exploitation plan follow. The dissemination comprises web site, newsletters, Social Media appearance, scientific articles, and conference posters.

Joint Programming for Flourishing Innovation – from Local and Regional Trials towards a Transnational Knowledge Community

www.eranet-smartenergysystems.eu

FinSESCo

Crowd Investing Platform for Decarbonising the Building Stock



SEnerCon
Klimaneutrales Unternehmen

 **Wellness TechGroup**

