



Sustainable **INNOVATIONS**[®]

*Business development & Communication
under a circular economy thinking*

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What is Sustainable Innovation Europe ?

Business Engineering SME



The team consists of **engineers, chemicals, researchers, environmentalist, business developers and communication experts.**

Sustainable Innovations aim is to improve the return on R&D investments to companies, research centres, public administrations and investors.

We help organizations to promote their innovations into feasible and environmentally friendly business models under a **sustainable and circular economy thinking**



Our implementation Sectors



Green Building Sector



Renewable Energy Sector



Bioeconomy Sector



Industry Sector

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Business cases for industrial waste heat/cold recovery.

The proposal aims to develop a simulation platform able to deliver 360° cost-benefits analysis (CBA) that will tackle the pre-feasibility phase.

- The simulation platform will be a user-friendly software integrated decision support tool for providing industry energy managers with comprehensive justification for project selection and financing about industrial waste heat/cool exploitation.
- The tool will select the best scenarios for the usage of the industrial heat/cold waste, the surplus renewable energy and the flexibility of the industrial processes, from the economic and environmental point of view.
- The tool will facilitate the decisions support to industrial sites and municipalities to check the viability of different options





Details of type and role of partner(s) sought

- (A) Demosite to test the cost-effective tool in West European countries.
Demonstration: Validation of the simulation platform via demo-site cases in real operating conditions in industrial facilities,
- (B) SMEs and Large Industries with knowledge in heat and cold waste recovery.
- (C) Energy cluster for Stakeholders' involvement (industries, buildings, DHC operators, local authorities)



Calls of interest



- EE-1-2018-2019-2020: Decarbonisation of the EU building stock
- EE-2-2018-2019: Integrated home renovation service
- EE-5-2018-2019-2020: Next-generation of Energy Performance Assessment and Certification
- EE-6-2018-2019-2020: Business case for industrial waste heat/cold recovery
- EE-8-2018-2019: Capacity building programmes to support implementation of energy audits
- EE-9-2018-2019: Innovative financing for energy efficiency investments
- EE-10-2018-2019-2020: Mainstreaming energy efficiency finance
- EE-11-2018-2019-2020: Aggregation - Project Development Assistance
- EE-13-2018-2019-2020: Enabling next-generation of smart energy services valorising energy efficiency and flexibility at demand-side as energy resource
- EE-14-2018-2019-2020: Socio-economic research conceptualising and modelling energy efficiency and energy demand

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Calls of interest



- ES-3 -2018-2020: Integrated local energy systems (Energy islands)
- ES-4-2018-2020: Decarbonising energy systems of geographical Islands - **We can provide an island from the north of EU**
- RES-2-2018: Disruptive innovation in clean energy technologies
- EC-1-2018-2019-2020: The role of consumers in changing the market through informed decision and collective actions
- EC-2-2018-2019-2020: Mitigating household energy poverty
- NZE-1-2018: Advanced CO2 capture technologies

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THANK YOU FOR YOUR ATTENTION

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