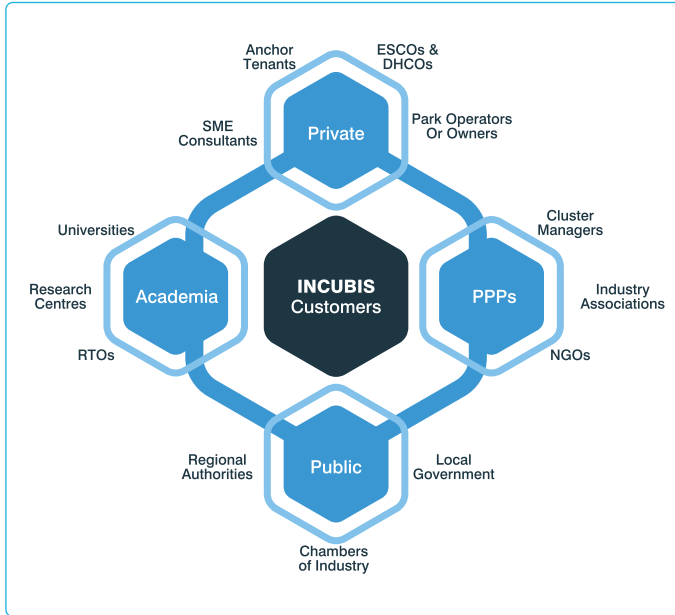


INCUBIS Stakeholders

The Energy Symbiosis Incubators are available to a wide range of organizations and individuals that can be local agents of change in implementing Energy Symbiosis. INCUBIS will establish a flexible operational framework allowing the customization of its tools and services to meet the needs, capacities and particularities of its target audience.



Motivation of the target audience for implementing Symbiosis:

- Expanding service portfolio and increasing profit (e.g. ESCOs and IPOs)
- Minimizing vacant land rate (municipalities and IPOs)
- Improving and extending services down the synergy lifecycle (IS facilitators)
- Decreasing costs and increasing revenue (Anchor Tenants)
- Environmental and Social benefits (municipalities) CSR benefits (IPOs, Anchor Tenants, ESCOs).

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Project's cost: **2.05 million €**

PROJECT PARTNERS



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INCUBIS

THE FIRST VIRTUAL INCUBATOR FOR ENERGY SYMBIOSIS

Incubator for supporting industrial waste heat & cold valorisation through energy symbiosis



This project is funded by the Horizon 2020 Framework Programme of the European Union under Grant Agreement Number **894800**

Energy Symbiosis

In contrast to traditional energy efficiency improvements, focused on a single process or industrial site, Energy Symbiosis refers to the exploitation of energy efficiency opportunities that are found across different industrial sites and sectors.

As such Energy Symbiosis can be implemented within industrial zones (e.g. industrial parks and districts) or even across industrial and urban agglomerations.

Energy Symbiosis typically involves the use of the excess heat/cold produced by one or more industries, to provide heating, cooling or electricity for other industries or buildings. The concept can also be extended to the production of sustainable energy by using waste materials (e.g. biomass) as fuel for the production of energy (e.g. heat).

Implementation of the Energy Symbiosis brings economic, environmental and social benefits:

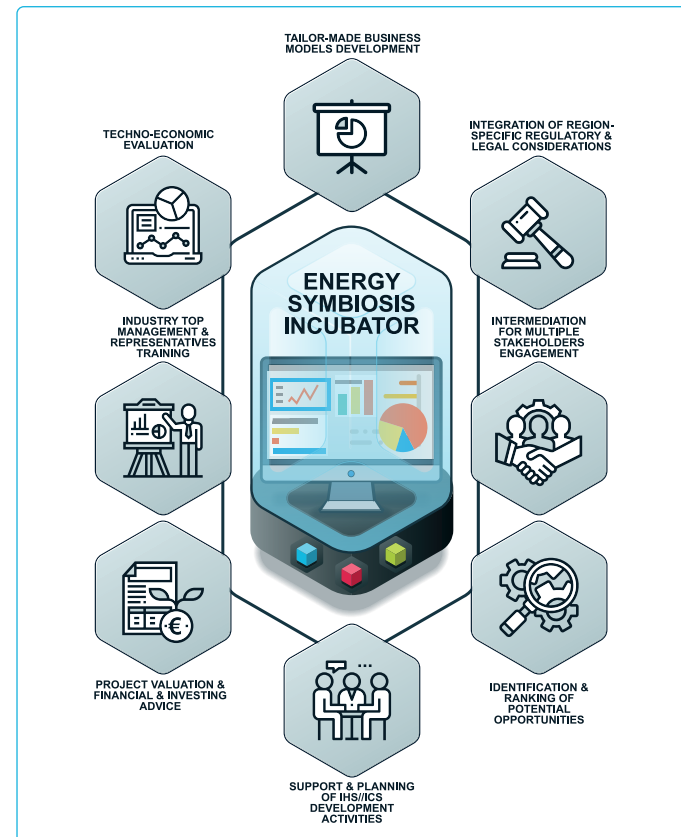
- For the energy user: reduction of energy costs as energy from Energy Symbiosis is typically cheaper;
- For the energy provider: new revenue generation through trading resources that were previously wasted;
- For the environment: CO2 reduction and overall environmental performance's improvement;
- For the local economy: creation of new jobs and local investments via generating new industrial activity;
- For the wider region: decreasing reliance on non-renewable and/or imported resources whose price is increasingly volatile and supply uncertain.

Concept

INCUBIS Energy Symbiosis Incubator follows the paradigm of modern incubators focusing on the provision of Knowledge-Intensive Business Services and access to funding.

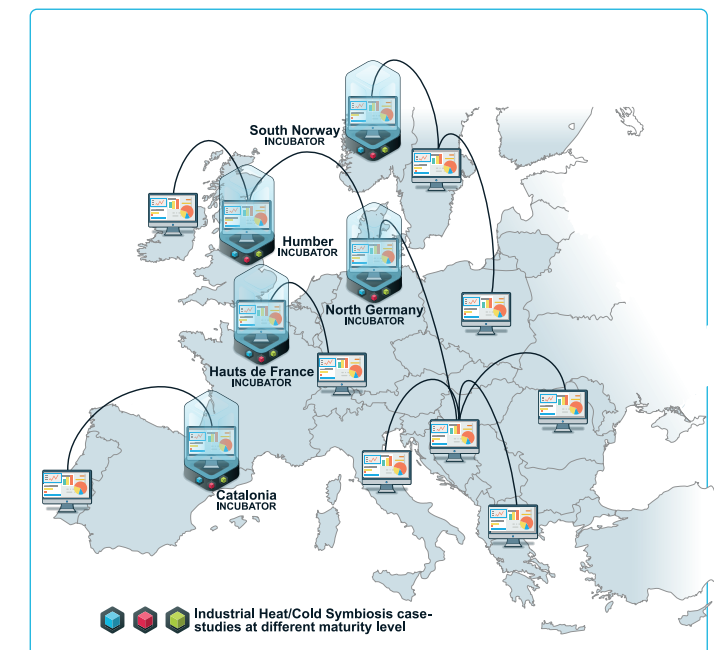
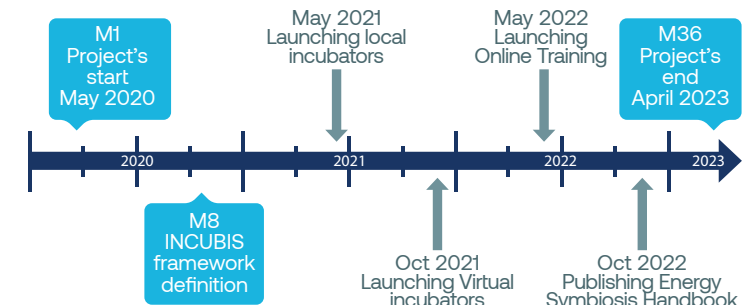
As such, it will deliver a range of tools, methods and services (both physical and digital) to interested stakeholders in order to:

- Support them in the identification and delivery of energy synergies.
- Train them and build capacity at all levels to achieve sustainable growth of energy symbiosis uptake.



Energy Symbiosis Incubators

INCUBIS will establish local incubators in five European regions, each of which represents a different mix of needs and framework conditions. The local incubators will support local stakeholders to develop Energy Symbiosis projects that are stuck at various stages of the project lifecycle, facing different non-technical challenges. The regions chosen for the Incubators are the Agder region in Norway, the Humber region in the UK, the ChemCoast region in Germany, the Haute de France and Catalonia in Spain.



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