

An Energy Symbiosis Incubator for Maximizing Energy Efficiency in Industrial Parks and Districts

START DATE 01/05/2020

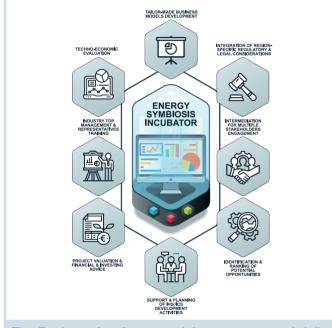
END DATE 30/04/2023 website www.incub-i<u>s.eu</u> CONTACT Angelos Streklas - astreklas@iris-eng.com Alexandra Poch - apoch@iris-eng.com

Today, it is estimated that **20-50% of the energy used in industrial processes is lost as waste heat while as much as 370.41 TWh/year could be recovered and used**. Traditional energy efficiency improvements, focused on a single process or site, are not enough to exploit this potential and looking beyond them, for exploitable opportunities based on "symbiotic"relationships between different sites, is required. Despite its high potential, "energy symbiosis" still remains a niche market in Europe.

The main challenges are: (i) coordinating multiple stakeholders, (ii) appropriating knowledge in assessing and de-risking investments, and (iii) dealing with high transaction costs and long development times.

INCUBIS PROJECT'S OBJECTIVES

Design and deliver support services to assist stakeholders in the development and implementation of energy symbiosis opportunities.

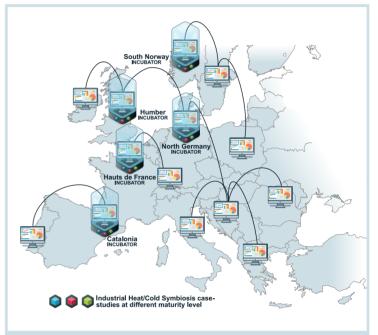


The Business Incubator model to structure and deliver to stakeholders its bundle of innovative instruments, tools and service

What will organizations taking part in INCUBIS get out of the project?

- Support in coordinating energy symbiosis initiatives
- Provision of technical and economic guidance
- Help in securing public/private investments
- Training and capacity building on all aspects of energy symbiosis

The **INCUBIS** team will deliver these services **FREE OF CHARGE** to selected organizations in the five regions as of May 2021.



The five industrial regions across Europe wherein Energy Symbiosis Incubators will be created

What is the expected level of commitment?

- Sharing non-confidential energy data;
- Details of existing, planned or identified thermal energy recovery opportunities;
- Views on barriers to implementation;
- Possible participation in workshops/group discussions.



