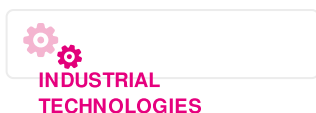


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# New Alliance for Energy Cooperation in European Industries created

●The Alliance has been set by five Horizon 2020 projects: EMB3Rs, INCUBIS, R-ACES, SO WHAT and S-PARCS, which together have received a total of €14.5 million in funding from the European Commission. ●The main goal of the alliance is to maximise the projects' impact and improve the quality and relevance of their outputs, ultimately contributing to boost energy efficiency, waste heat recovery, and energy cooperation in the European industries.



© Alliance for Energy Cooperation in European Industries

Five European projects working on waste heat recovery and industrial energy cooperation have joined forces and created an Alliance for Energy Cooperation in European Industries, setting up a common collaboration agreement that seeks to maximise their impact and improve the quality and the relevance of their outputs.

The establishment of the cooperation was completed on 7 March, with the approval of the “Letter of Intent of Energy Cooperation in European Industries”, during an online meeting. The five initiatives forming it, EMB3Rs, INCUBIS, R-ACES, SoWhat and S-PARCS, are funded under the European Union’s Horizon 2020 research and innovation programme, and together they combine the efforts of 64 unique partners across 18 European countries, which have received a total of €14.5 million in funding. The collaboration began back in November 2020, with a joint online workshop on waste heat recovery and energy cooperation in European industries. Further joint activities will include the cross-validation of public project outputs and joint communication, dissemination, and training actions.

The next public upcoming action is the participation in a joint workshop that the S-PARCS partners are organising as part of this project's final event. The five initiatives will work together in a co-creation session to define the main barriers they have identified in the valorisation of excess heat/cold and energy symbiosis. After this workshop, the partners plan to invite stakeholders to contribute with further input, which will set the basis for a policy brief with guidelines on how to boost energy efficiency, waste heat recovery, and energy cooperation in the European industries.

EMB3Rs (User-driven Energy-Matching & Business Prospection Tool for Industrial Excess Heat / Cold Reduction, Recovery and Redistribution; Grant Agreement N° 847121) is investigating the potential of recovering industrial excess heat and cold and designing a platform that explores how energy – normally wasted by releasing it into the environment – could be reused as a valuable source for other industrial processes, district heating, and cooling or further purposes.

INCUBIS (An Energy Symbiosis Incubator for Maximizing Energy Efficiency in Industrial Parks and Districts; Grant Agreement N° 894800) will develop a set of tools and support services to help key stakeholders in Industrial Parks and Districts in the development and implementation of Energy Symbiosis projects. INCUBIS will deliver these tools and services through the Virtual Incubator model, supporting and building capacity in key organizations that are ideally positioned to facilitate Energy Symbiosis projects and drive the project development process.

R-ACES (fRamework for Actual Cooperation on Energy on Sites and Parks; Grant Agreement N° 892429) is supporting industrial clusters and business parks in becoming ecoregions that reduce their CO2 emissions by at least 10%. To achieve this, ecoregions are created where multiple stakeholders engage in energy cooperation by exchanging heat/cold streams, investing together in renewable energy solutions, or managing energy streams through smart energy management platforms.

SoWHat (Supporting new Opportunities for Waste Heat And cold valorisation Towards EU Decarbonization; Grant Agreement N° 847097) is developing an integrated software to identify and simulate how industrial WH/C could cost-effectively balance with the local community's forecasted energy demand, and how this could be integrated with renewable energy systems.


S-PARCS (Envisioning and Testing New Models of Sustainable Energy Cooperation and Services in Industrial Parks; Grant Agreement N° 785134) aims at reducing energy costs and energy consumption in industrial parks, while increasing renewable on-site energy production. It seeks to move from a single-company energy-efficient intervention approach to cooperative energy-efficient solutions, enabling higher energy savings.

# Parole chiave

Energy Efficiency, Industrial Cooperation, Energy Symbiosis, Waste Heat, Waste Cold, Industry

# Contributore

**Contributo di**

Alliance for Energy Cooperation in European Industries  
Belgium 

# Progetti correlati

	<p>S-PARCS</p> <p><b>Envisioning and Testing New Models of Sustainable Energy Cooperation and Services in Industrial Parks</b></p> <p>20 Luglio 2023</p>
	<p>SO WHAT</p> <p><b>Supporting new Opportunities for Waste Heat And cold valorisation Towards EU decarbonization</b></p> <p>15 Gennaio 2024</p>



INCUBIS

**An Industrial Symbiosis Incubator for  
Maximizing Waste Heat/Cold Efficiency  
in Industrial Parks and Districts**

29 Gennaio 2024

PROGETTO



R-ACES

**fRamework for Actual Cooperation on  
Energy on Sites and Parks**

12 Febbraio 2024

PROGETTO



EMB3Rs

**User-driven Energy-Matching &  
Business prospection tool for industrial  
Excess heat/cold Reduction, Recovery  
and Redistribution**

3 Giugno 2024

PROGETTO

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