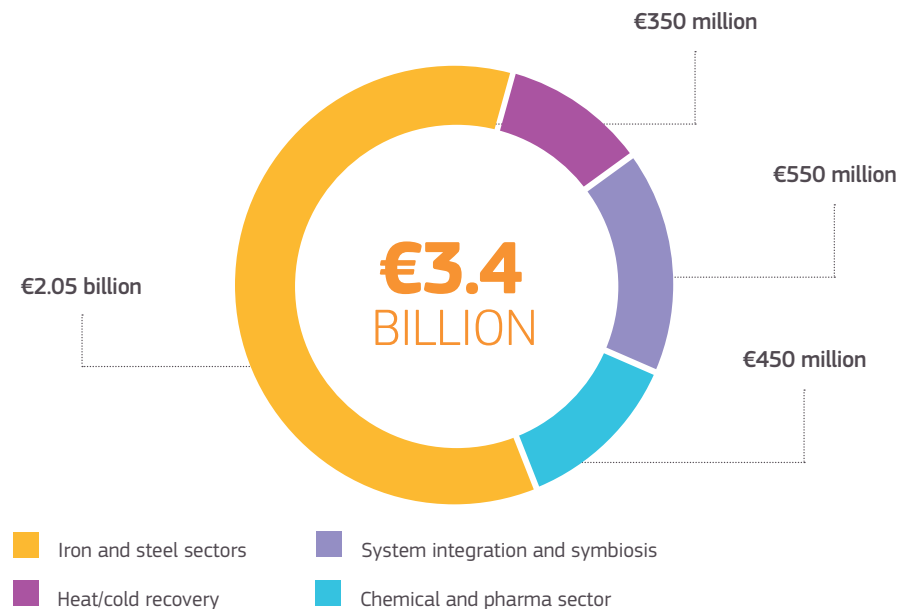


ENERGY EFFICIENCY IN INDUSTRY IP 6

Research and innovation (R&I) in industrial energy and resource efficiency is crucial to ensure that European industry can reduce emissions and increase export competitiveness. R&I investment in key technology sectors and in cross-cutting technologies will boost European technological leadership. This means that European industry can compete with manufacturing companies with access to lower cost energy and energy-saving technologies.

OVERALL INVESTMENT TO BE MOBILISED FOR ENERGY EFFICIENCY IN INDUSTRY FOR 2018-2025



EXAMPLES OF R&I ACTIVITIES

HYBRIT

This project aims for zero-emissions steel production - and cutting six million tons of CO₂ emissions from steel production in Sweden by 2040. Project partners are SSAB (steel producer), LKAB (iron ore mining) and Vattenfall (energy producer).

**Budget: €140 million
2018-2024**

<http://www.hybritdevelopment.com/>

EPOS

This project involves process industries in steel, cement, chemicals, minerals and engineering, and models the energy and resource flows of over 30 technologies. A data exchange platform supports the implementation of industrial symbiosis in real industrial clusters.

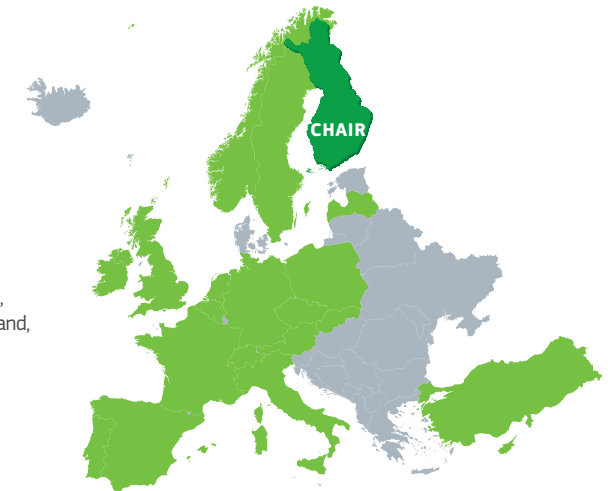
**Budget: €5.2 million
2015-2019**

<https://www.spire2030.eu/epos>

Who's involved ?

**20
COUNTRIES**

Austria, Belgium, Cyprus, Czechia, Finland (Chair), France, Germany, Ireland, Italy, Latvia, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Netherlands, Turkey and the UK



STAKEHOLDERS

Association — Sustainable Process Industry through Resource and Energy Efficiency (A.SPIRE, Co-Chair), European Energy Research Alliance (EERA), Euroheat & Power, European Association for the Promotion of Cogeneration (COGEN Europe), the European Chemical Industry Council (CEFIC), European Confederation of Iron and Steel Industries (EUROFER), European Geothermal Energy Council (EGEC), European Turbine Network (ETN), EUTurbines, European University Association (EUA) and Fuel Cells and Hydrogen Joint Undertaking (FCH JU).