



CE-SPIRE-03-2018

CIRMET

Full Title: Innovative and efficient solution, based on modular, versatile, smart process units for energy and resource flexibility in highly energy intensive processes

Aim:

The project aims at designing, developing and validating an innovative solution, the CIRMET solution, so as to make energy and resources more flexible in highly energy intensive industries. For this purpose, three main innovations will be applied in combination:

- *Processing of industrial waste in flexible, versatile and modular furnaces,*
- *Innovative industrial heat recovery, ensuring energy efficiency*
- *Development of a replicable system for advanced control, prediction and optimisation.*

Concept:

The CIRMET solution addresses the main challenge of the European industry, that is, the issue of reaching efficiency by means of flexible resources and energy. These aspects are the cornerstone of competitiveness in the European industry. The efficient use of energy and resources plays a key role in the European task of complying with ambitious environmental objectives.

Start date:

01/10/2018

End date:

31/03/2022