



SPIRE-04-2016

## **DREAM**

**Full Title:** Design for Resource and Energy efficiency in cerAMic kilns

**Aim:**

The DREAM project aims to design, develop and demonstrate a radically improved architecture for ceramic industrial furnaces, characterised by optimised energy consumption, reduced emissions, and lower operating costs compared to currently available technological solutions.

**Concept:** This will be obtained by substantially enhancing specific furnace parts (control system, refractories, emissions abatement system) and by adding new modules and sub-systems (CHP unit, heat pipes) to the current furnace architecture.

**Start date:** 01/10/2016

**End date:** 30/09/2019

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