Image not found or type unknown

SPIRE-01-2014

RECOBA

Full Title: Cross-sectorial REal-time sensing, advanced COntrol and optimisation of BAtch processes saving energy and raw materials

Aim:

The RECOBA project aims to improve product quality, efficiency and flexibility of and in batch processes.

Concept:
Ten cooperation partners will make use of an online, model predictive control of complex batch processes for the production of emulsion polymers, steel, and silicon metal through the application of new sensor technologies, process models and automation tools. The consortium will focus on three different material systems to demonstrate the cross-sectorial applicability of developed sensors, optimization and control methods, with the goal of optimizing product quality, energy consumption, raw materials utilization and production costs of the considered processes.

Start date:
01/01/2015

End date:
31/12/2017