



SPIRE-02-2016

MONSOON

Full Title: MModel based coNtrol framework for Site-wide OptimizatiON of data-intensive processes

Aim:

MONSOON aims to establish a data-driven methodology to support the identification and exploitation of optimization potentials by applying multi-scale model based predictive controls in production processes.

Concept: MONSOON will be developed and evaluated in two sites from the aluminium and plastics domains. The aluminium scenario will be focused on predictive monitoring of potlines, targeting early detection of anomalies and identification of potential optimization gains. The plastics scenario will focus on fusing data from data-intensive in-mould sensors with information from higher SCADA levels, enabling early and precise identification of potential issues.

Start date: 1 October, 2016

End date: 30 September, 2019
