MONSOON

MODEL BASED CONTROL FRAMEWORK FOR SITE-WIDE OPTMIZATION OF DATA-INTENSIVE PROCESSES

FACTS & FIGURE

MOdel based coNtrol framework for Site-wide OptmizatiON of data-intensive processes H2020 – N. 723650

Duration
2016 – 2019 (36 months)

Parteners
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DESCRIPTION

Research & Innovation Action

- European Community Funding framework: SPIRE (Sustain Process Industry through Resource & Energy Efficiency)
- Topic addressed: SPIRE 02-2016 Plant-wide monitoring and control of data-intensive processes.

Project's aim

The MONSOON vision is to provide Process Industries with dependable tools to help achieving improvements in the efficient use and re-use of raw resources and energy. The project aims at implementing a cross sectorial Data Lab to build some Predictive Functions based on Big Data Analytics tools to optimize the production processes. A plant operations platform will be developed in order to deploy these Predictive Functions in real-time. MONSOON will be developed and evaluated in two sites, one Plastic plant in Portugal and one Aluminium Plant in France.

HOW WE CONTRIBUTE

- Lifecycle Management plugin
- LCA and LCC expertise for the platform implementation

EXPLOITABLE RESULTS

coming soon