



MOdel based coNtrol framework for Site-wide OptimizatiON of data-intensive processes

Budget: 5 million € Coordinator: Claudio Pastrone, ISMB

2016-2019



"Process industries represent a significant share of European industry in terms of employment and turnover, but also in terms of energy, resources consumption and environmental impact.

MONSOON vision is to provide such industries with a dependable, replicable and cost-effective methodology that helps them achieving significant improvements in the efficient use (and re-use) of raw resources and energy, easing effective use of cross-sectorial competences."

- Increase the productivity & the efficiency in the considered industrial scenarios
- Decrease of resource consumption& use of energy
- Improve the environmental efficiency,
  by decreasing the emissions
- Enhance safety & decrease the accident rate

## **Application Domains**

- Aluminium
- Plastic

























