



SPIRE-02-2016

## **FUDIPO**

**Full Title:** Future Directions of Production Planning and Optimized Energy- and Process Industries

**Aim:**

The FUDIPO project will integrate machine learning functions on a wide scale into several critical process industries, showcasing radical improvements in energy and resource efficiency and increasing the competitiveness of European industry.

**Concept:** The approach is to construct physical process models, which then are continuously adapted using “good data” while “bad data” is used for fault diagnostics. After learning, classification of data can be automated. Further, statistical models are built from measurements with several new types of sensors combined with standard process sensors.

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

**End date:** 30/09/2020