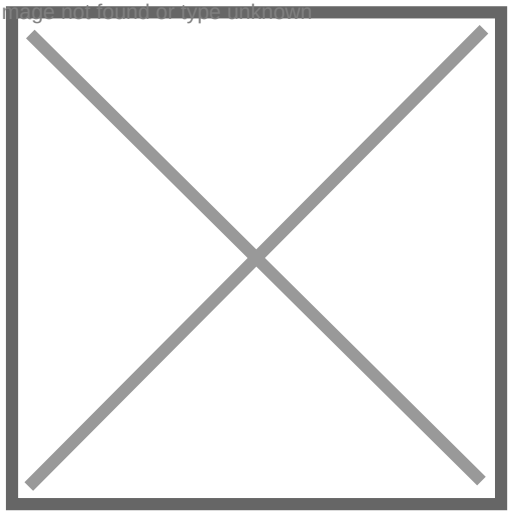
Image not found or type unknown



DT-SPIRE-06-2019

INEVITABLE

Full Title: Optimization and performance improving in the metal industry by digital technologies

Aim:

The general objective of the project is to improve the performance indicators in the steel and nonferrous metals sectors by retrofitting existing production sites by digitalization technologies and elevating overall digitalization level without including mechanical upgrades.

Concept:
The goals of digitalization are: Improve energy efficiency and in this way reduce negative impacts to the environment, Improve product quality, reduce scrap and in this way improve energy efficiency, Improve process repeatability,Optimize production processes by providing accurate process models to test the effect of process parameters and setting prior the production process and Provide model based soft sensors for estimation of unmeasured process variables to better control the process.

Start date:
01/10/2019

End date:
30/09/2022