Projects

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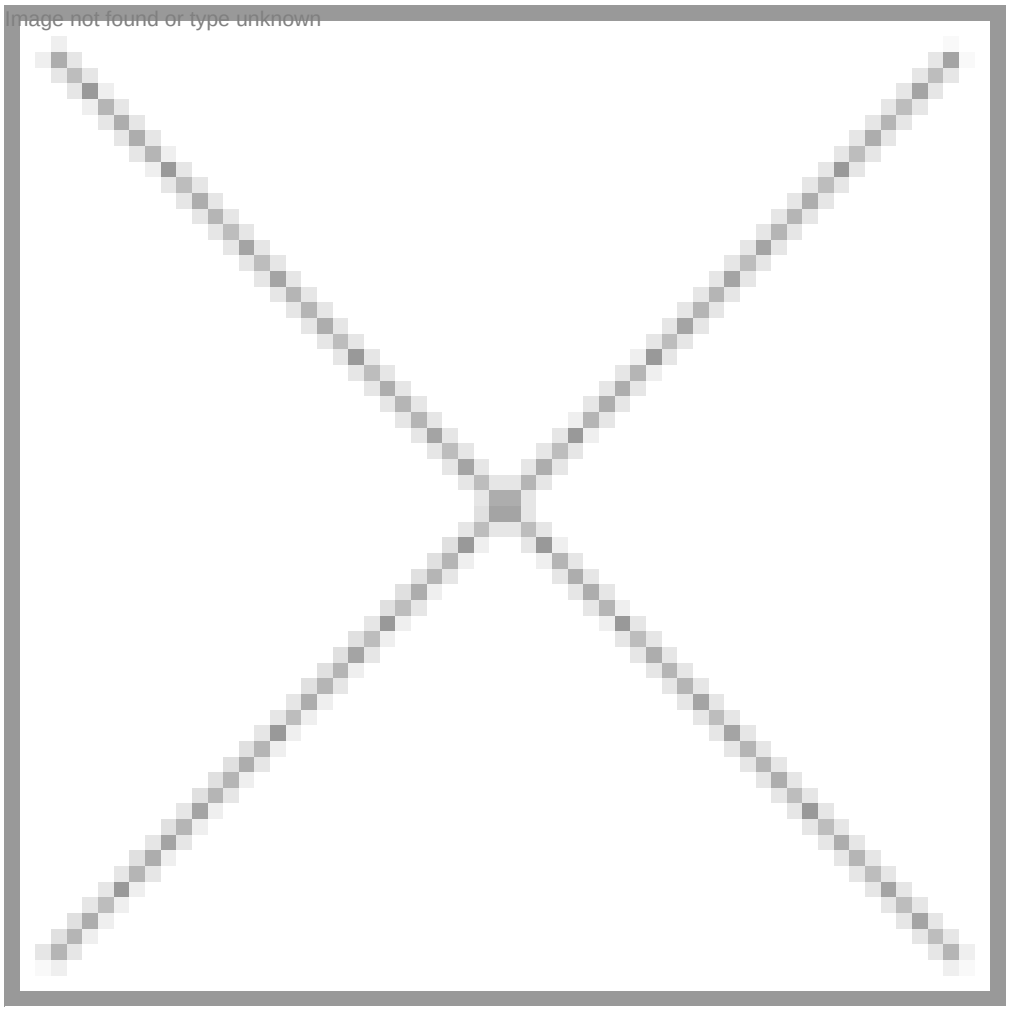

The European DISIRE project has been inspired by existing and emerging industrial needs, while aiming at creating a significant impact in the area of Integrated Process Control (IPC) within SPIRE.

DISIRE tackles the challenges of process optimization and high energy and resource intensity in chemical, mining, steel and mineral processing industries. The project's ambition is to set new energy efficiency standards in the European process industry. Top researchers and world leading industrial players will cooperate under the DISIRE research umbrella in order to develop robust, yet miniaturized in-situ Process Analyser Technology (PAT) sensors and introduce a novel reconfigurable IPC approach to current industrial processes.
The ultimate goal of the DISIRE technological platform is to establish a seamless integration of multiple DISIRE enabled PAT sensors into raw material flows to analyze and transmit big volumes of process data and on-line optimize the existing control loops for achieving better product quality, lower energy consumption and improved industrial reconfiguration and adaptability in the production processes. Based on the DISIRE scientific and technological contributions, multiple new

opportunities for commercial applications and cross-sectorial business cases will emerge.

Project Duration: 01/01/2015 – 31/12/2017
Project Funding: 6 million EUR
Project Consortium: 15 partners from Sweden, Spain, Italy, Germany, Poland and Israel.

See the DISIRE leaflet here.

More information about the project: http://www.spire2030.eu/disire/