



Horizon2020 Information Days on Public-Private Partnerships

Brokerage event
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DEVELOPMENT OF ENERGY EFFICIENCY SINERGIES AT SUPPLY CHAIN LEVEL (EEChain)

SPIRE 6 - 2015

Alejandro Ferrero

Alejandro.ferrero@incotec.es



INCOTEC

INCOTEC is a private technological consultancy company founded in 2000. We represent leading companies working in the industry.

INCOTEC is specialized in technology transfer and R&D grants management. As an example, we'll end up 2014 having managed a budget of more than 50 M€ in R&D projects.

PROJECT IDEA

The objective of the project is to achieve the optimal and integral management of important assets, like Energy and Resources, through holistic measurements and activities, in the same supply chain of manufacturing industries.

The project will focus on the process industry sector, namely metallurgical (non-ferrous and steel) and petrochemical sector, and will develop the necessary IT innovations to achieve this objective. An integrated effort to build infrastructures and reach economies of scale is therefore crucial to support the competitiveness of the EU industrial sector. Digital technologies enable to grasp new productivity gains that were unreachable so far.

EXPECTED IMPACT

- 1) Optimal data exchange and integral information system at different automation and information levels.
- 2) To detect points of improvement and savings in energy and resources.
- 3) To detect points of improvement and savings in the use of materials and to recover wastes.
- 4) Improve processes maintenance.
- 5) To detect and optimise the contribution of the industry in other points of the value chain.
- 6) To compare indicators of other groups or industrial profiles (ecosystems) in order to apply the best use cases.

EXISTING PROJECT CONSORTIUM

1. **Instituto Tecnológico de la Energía (RTD - Spain):** Development of energy automation, communication and intelligent control strategies
2. **Steel foundry (LE - Italy):** End user
3. **Steel producer (LE - France):** End user
4. **Copper mine (LE - Spain):** End user
5. **Copper rod producer (LE - Spain):** End user
6. **Waste water expert (LE - Spain):** End user
7. **Petrochemical company (LE - Turkey):** End user
8. **Energy efficiency engineering (SME - Italy)**

LOOKING FOR PARTNERS

1. **Plant simulation expert (RTD - ???)**
2. **Iron ore producer (LE - ??)**
3. **High temperature sensors manufacturer (SME - ???)**
4. **Process Engineering company (SME - ???)**
5. **Sensors development center (RTD - ???)**
6. **Electronic equipment manufacturers (SME - ???)**
interested in technology transfer

CONTACT DETAILS

Alejandro Ferrero Pérez

EU Projects Manager

Parque Tecnológico

Ronda Narciso Monturiol, 6

C. Empresarial Destro, Edificio B - Local 112B

46980 Paterna (Valencia) - Spain

Ph. (+34) 961 318 394

Mob. (+34) 678 071 001

Fax. (+34) 961 318 215

alejandro.ferrero@incotec.es

www.incotec.es