



"Innovative Business Models for Market Uptake of **Renewable Electricity** unlocking the potential for flexibility in the Industrial Electricity Use"

"Flexibility: the next step of industrial energy efficiency"

Workshop

Rimini 23/02/2017
@ SCMGROUP - h. 9.00-14.00

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Imperial College
London



scmgroup



"Flexibility: the next step of industrial energy efficiency"

Workshop

23/02/2017 – “Sala Leonardo” SCM GROUP – Via Emilia, 77 Rimini

IndustRE has identified the flexibility potential of the industrial electricity demand as an opportunity that - through innovative business models - can facilitate further growth and integration of variable renewable energy, while reducing the industrial electricity costs. In this project the electricity intensive industry in Europe works closely with the renewable energy sector in order to find common ground and create win-win situations.

The Workshop will go through the project activities starting from Regulatory aspect for the Italian market in order to identify the Value of Flexibility. The role of Sustainable Automation as a real tool for energy efficiency and flexibility will be presented. Methodologies and the industrial case-study implemented in SCM Fonderie will be discussed in detail.

9.00 Welcome and Registration

9.45 Opening (SCM)

10.10 The *industre.eu* Project (WIP) *Project background, approach and expected results*

10.20 *Business Model Outline (COMILLAS)* *The business models identified during IndustRE project for large industrial electricity users and variable renewable energy plant operators*

10.40 *Value of flexibility in Italian energy regulatory system (SER & Energy Authorities)* *Advices for consultancies, professional, service providers and energy intensive industries on the Italian energy market*

11.00 *Sustainable Automation for Flexibility and Efficiency (SYNESIS)* *How the use of automation can support industries to target efficiency and flexibility*

11.30 *The case-study in SCM Foundry (VITO)* *The application of the methodology of IndustRE and the first results for SCM Foundry*

12.30 Aperitif

13.00 Foundry visit *Live visit to the iron cast production plant*

14.00 Closing
