



## “DEFINING SMART GRIDS: CONDITIONS FOR SUCCESSFUL IMPLEMENTATION” WORKSHOP

**Smart grids** are energy networks that can automatically monitor energy flows and adjust to changes in energy supply and demand accordingly. In future energy systems, smart grids will play a key role, given that smart grids allow an efficient and improved power system management and also open up the possibility for consumers to respond to prices.

Within the framework of the Workshop, the situation and future prospects of smart grids will be discussed. With extensive participation from the sector, the vision and technological needs of energy companies, as well as the main technological centers responsible for providing solutions that ensure an effective implementation of smart grids, will be presented.

The **aims of this Workshop** is to share experiences when implementing smart grids strategy and discuss the challenges faced by regulators, energy companies and R&D centers, among others, when trying to guarantee an effective deployment of smart grids.

This workshop is being run as part of the European cooperation Network on Energy Transition in Electricity - **TR@NSENER - project**. This European project, financed by FEDER funds, and brought to fruition by the consortium led by the French Toulouse III University - Paul Sabatier and which includes the participation of the Foundation for Energy Sustainability (FUNSEAM) together with the Chair of Energy Sustainability of the University of Barcelona (UB), the University of Lisbon, the Polytechnic University of Madrid, the University of Beira Interior, the CIRCE Foundation, PROMES and the Technological Corporation of Andalusia (CTA), aims to contribute to transnational cooperation to solve common problems of the southwestern region of Europe, such as exposure to climate change and energy and environmental challenges.

Organised by TR@NSENER Consortium  
**Barcelona, 9th February 2017 / 9.15-14.00**  
University of Barcelona. Faculty of Economics and Business  
Av. Diagonal, 690-696. 08034  
FREE ATTENDANCE  
REGISTRATION mandatory [here](http://here)  
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European cooperation Network on Energy Transition in Electricity - TR@NSENER –  
The project TR@NSENER is co-financed by the Interreg Sudoe program



With the collaboration of:

CHAIR OF ENERGY SUSTAINABILITY





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### WORKSHOP

#### AGENDA:

- 09.15 Registration
- 09.30 WELCOME AND INTRODUCTION
  - **Funseam.** Joan Batalla
  - **Université Paul Sabatier, Group LAPLACE Laboratory.** Marc Ternisien
- 10.00 SESSION 1: TECHNICAL AND REGULATORY ASPECTS AND RECOMMENDATIONS FOR EFFECTIVE SMART GRIDS DEPLOYMENT UNDER THE PROVISIONS OF THE WINTER PACKAGE
  - **Key note speaker: European Commission - DG Energy.** Kostas Stamatis
  - Chairman: University of Barcelona & IEB, Chair of Energy Sustainability.** María Teresa Costa-Campi
- 11.00 Coffee break
- 11.30 SESSION 2: SMART GRIDS CHALLENGES: THE VISION OF TECHNOLOGICAL CENTRES
  - **CEI UPM - Center for Industrial Electronics of UPM.** Roberto Prieto
  - **CIRCE - Research Centre for Energy Resources and Consumption.** Jorge Bruna
  - **CITCEA - UPC.** Andreas Sumper
  - **IREC - Catalonia Institute for Energy Research.** Manel Sanmarti
  - **PROMES, University of Perpignan.** Thierry Talbert
  - Chairman: CTA - Technological Corporation of Andalusia.** Germán López Lara
- 13.00 SESSION 3: SMART GRIDS CHALLENGES: THE VISION OF THE ENERGY SECTOR
  - **EDP HC ENERGÍA.** Jesús Fernández López
  - **ENDESA.** Santiago Cascante
  - **GAS NATURAL FENOSA.** José Antonio Guillén
  - Chairman: Funseam.** Joan Batalla
- 13.50 ACKNOWLEDGEMENTS AND CLOSING
  - **IEB - Barcelona Economics Institute. University of Barcelona.** Martí Parellada