

INTERNATIONAL SYMPOSIUM ON ENERGY INNOVATION
"The transition to a flexible electricity market"

Barcelona, Tuesday, 11th of July 2017
 ENDESA.
 Roger de Flor 38-52
 08018. Barcelona. Spain.



On behalf of H2020 European project SmartNet, Endesa and CITCEA-UPC are pleased to invite you to “The transition to a flexible electricity market” Symposium. There is a need to find answers and propose solutions to the increasing integration of Renewable Energy Sources in the existing electricity transmission network. The subsequent technological (r)evolution is affecting the structure of the electricity markets and also the interactions between TSOs and DSOs. The symposium will cover all these issues through the vision of SmartNet participants, academic experts and professionals from the electricity sector with long expertise in the subject.



PROGRAM

- 9.00 Registration
- 9.30 Welcome ENDESA (Directora ENDESA Cataluña) – Isabel Buesa
- 9.40 Opening CITCEA-UPC - Andreas Sumper
- 9.50 Opening OMIE - Rodrigo Escobar

Part I. Track on Smart Net

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|-------|---|-------------------|
| 10:00 | Overview of SmartNet project. <i>Carlos Madina</i> | (Tecnalia, Spain) |
| 10:20 | Barcelona pilot-SmartNet. DSO. <i>Miguel Pardo</i> | (Endesa, Spain) |
| 10:40 | Barcelona pilot-SmartNet. Aggregator. <i>Miguel Marroquín</i> | (ONE, Spain) |

- 11:00 Coffee break

Part II. Track on Flexibility Markets

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| 11:30 | Local flexibility markets: From EMPOWER to INVADE. <i>Pol Olivella</i> | (CITCEA-UPC, Spain) |
| 11:50 | Flexibility at the TSO level. <i>Christina Plum</i> | (ENERGINET, Denmark) |
| 12:10 | European Network Codes, a first step towards flexibility. <i>Daniel Davi</i> | (ENDESA, Spain) |
| 12:30 | Peer to peer: Is Blockchain the solution? <i>Andreas Sumper</i> | (CITCEA-UPC, Spain) |
| 12:50 | Hardware for flexibility. <i>Daniel Heredero</i> | (CITCEA-UPC, Spain) |

Round table discussion: SmartNet, INVADE and EMPOWER

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| 13:10 | Round table discussion: | |
| | Miguel Pardo (Endesa, Spain) | Rodrigo Escobar (OMIE, Spain) |
| | Carlos Madina (Tecnalia, Spain) | Miguel Marroquín (ONE, Spain) |
| | Andreas Sumper (CITCEA-UPC, Spain) | Pol Olivella (CITCEA-UPC, Spain) |
| | Daniel Davi (Endesa, Spain) | Christina Plum (ENERGINET, Denmark) |
| | Moderator: Jorge Sánchez Cifuentes (Endesa, Spain) | |

- 13:45 Closure – (Director of Macro Area North / ENDESA) - Toni Jerez TBC

Registration online: <https://goo.gl/forms/rj72O28sZcoTwzxy1>

