



# 2016 EU-India Smart Grids Workshop



Bornholm, Denmark

1 & 2 September 2016



THE 2016 EU - INDIA SMART GRIDS WORKSHOP

BORNHOLM, DENMARK, *Green Solution House*

31 August 2016

## Welcome event

18.00 – 21.00

### Welcome buffet dinner

Including welcome address by:

*Ms Winni Grosbøll, Mayor of Bornholm*

*Ms Trine Richter, CEO Green Solution House*

1 September 2016

## Workshop

9.30 – 10.00

### Welcome and Introduction

- Welcome on behalf of the *Danish Energy Agency*
- Recent developments in EU smart grids policies/programmes, *Mr Matthieu Craye, European Commission, DG Energy*
- Recent developments in India's smart grid programmes, *Mr Reji Pillai, India Smart Grid Forum*

10.00 – 10.50

### Smart Grids Projects in India and the EU :

#### 'Active demand and storage for renewables integration' – 1

- Ecogrid EU: Demonstrating market based mechanisms to enable end-users of electricity and distributed renewable energy sources offering balancing and ancillary services, *N.N., DTU Technical University of Denmark*
- Smart grid projects in India, *Mr R.K.Verma, Chief Engineer, Central Electricity Authority*
- Q&A

10.50 – 11.10

*coffee break*

11.10 – 12.00

### Smart Grids Projects in India and the EU :

#### 'Active demand and storage for renewables integration' – 2

- Smart grid projects in India, *N.N., India Smart Grid Forum*
- The Venteea project: Increasing grid observability and controllability and local energy storage nearby large scale decentralised wind energy production, *Mr Rémy Garaude-Verdier, Enedis, France*
- Q&A

12.00 – 12.45

### Panel ‘Smart Grids in India and the EU : from demonstration to deployment’

Participants :

*Ms Marie Fossum, Head of Energy & Utilities, Ericsson ;  
N.N., Indian technology/equipment provider ;  
Mr Dwijadas Basak, Tata Power Delhi Distribution Ltd ;  
Mr Rémy Garaude-Verdier, Enedis, France.*

12.45 – 14.00

*lunch*

14.00 – 15.30

### Smart grids: opportunities and implications for regulation, role of DSO’s, functioning of electricity markets.

- The model smart grid regulations in India, *Mr Krishna Saini, Chairperson, Delhi Electricity Regulatory Commission*
- Towards new designs for the electricity market in the EU, *N.N., Universidad Pontificia Comillas, Madrid, Spain*
- The evolving role of DSO’s/utilities in smart electricity systems in the EU, *Mr Peter van der Sluijs, Alliander, the Netherlands*
- Challenges faced by Indian DSO’s including future developments, *Ms Radhika Jha, IAS, Executive Director, Power Finance Corporation, India*
- Q&A

15.30 – 16.00

*coffee break*

16.00 – 16.45

### Panel : shaping an electricity system and market enabling smart grid deployment

Participants:

*Mr Sanjay Mukherjee, Senior Vice President, Calcutta Electric Supply Corporation Ltd ;  
Mr Roberto Zangrandi, Special Advisor, EDSO4SmartGrids ;  
N.N., Working group on Distribution System, Council of European Energy Regulators (CEER) ;  
Mr A.K.Singhal, Member, Central Electricity Regulatory Commission, India.*

## 2 September 2016

### Site Visit Bornholm smart grid project

9.30 – 12.30

#### Site visit

(control room Ecogrid EU project, VillaSmart, biogas installation, wind farm that participated in the demonstration project)

12.30 – 13.30

*lunch*

13.30 – 15.30

### Working session ‘Upscaling and replicating promising smart grid demonstrations.’

- Contexts for smart grid applications in India, *Mr Srinivas Thoutta, Director – Projects & IT, Telangana Southern Power Distribution Company Ltd*
- Activities of the European Commission’s Joint Research Centre in support of upscaling and deployment of smart grids, *Mr Miguel Olariaga Guardiola, European Commission Joint Research Centre*
- Upscalability and replication of the Grid4EU demonstration projects, *Ms Andrea Rodriguez Calvo, Universidad Pontificia Comillas, Madrid, Spain*
- Contexts for smart grid applications in India, *Mr H.D.Arun Kumar, Member, Karnataka Electricity Regulatory Commission*
- The Ecogrid EU replication roadmap, *N.N., DTU Technical University of Denmark*
- Brainstorming on an EU-India project on smart grid upscaling