

## **OPTIMATE**

### **Final dissemination event towards all electricity stakeholders**

11<sup>th</sup> December 2012  
Square Brussels Meeting Centre  
Hall 300, Third Floor  
Coudenberg 3 (number 4 on map)  
Brussels

### **Background**

OPTIMATE is a collaborative Research and Demonstration project supported by the European Commission (DG Energy) under the 7<sup>th</sup> Framework Programme for Research and Technological Development. The project, coordinated by TECHNOFI, with RTE as technical director, aims at developing a numerical simulation platform for the analysis of current electricity market designs and the validation of future ones: its overarching goal is to study how to integrate massive renewable electricity generation spread in several regional power markets in Europe. OPTIMATE thus contributes to the construction of a pan-European electricity market able to respond both to long term European climate policy and security of supply concerns.

The OPTIMATE simulator implements a wide scope of market rules, within a model of the western European power markets, and may cover a large number of configurations of market players' portfolios and renewable integration approaches. The validation studies of the OPTIMATE platform are focused on three main topics:

- the impact of possible variants of Renewable Energy Sources (RES) support schemes on their integration in the market;
- the effects of market rules on RES integration;
- the effects of cross-border congestion management on RES integration

Different market design options can be compared and ranked by using indicators linked with the three pillars of the European energy policy (i.e. market competition and efficiency, sustainability and security of supply), thus allowing for recommendations on future market designs. Redistributive effects amongst agents coming from market design evolutions can also be evaluated.

The OPTIMATE consortium is pleased to invite all the stakeholders of electricity markets in Europe to this dissemination workshop which is intended at:

- depicting some of the key features of the developed market simulation platform;
- discussing some of the validation study results obtained using the prototype;
- envisaging ways and means to use this prototype for the next two years for market design and regulatory studies and beyond

## Provisional Agenda

2.00 p.m.	Registration / Welcome coffee	
2.30	Background and EU challenges behind the OPTIMATE project	I. Bernaerts, EC DG ENER, Head of Unit B2 Internal Market II
2.40	Overview of the OPTIMATE project and Demonstration of the OPTIMATE platform functionalities	N. Biegala, F. Beaude, RTE; S. Galant, Technofi
3.15 – 5.00	Three OPTIMATE validation studies	
3:15	Effects of cross-border congestion management designs on RES integration and markets	V. Rious, M. Saguan, EUI, Florence School of Regulation
3.35	Effects of possible variants of support schemes on the RES integration and markets	S. Thorsten Schröder, DTU; E. Rivero, U.Comillas
4.00	Effects of day-ahead and balancing designs on RES integration and markets	D. Graeber, TransnetBW
4.20	<i>Coffee break</i>	
4.30	Strategic agent-based modelling and early results obtained on selected case study scenarios	G. Deconinck, M. Maenhoudt, K.U. Leuven
5.00	OPTIMATE future prospects: exploitation starting January 2013	F. Beaude, RTE
5.15	Round table: OPTIMATE to enhance the dialogue among electricity stakeholders on renewable integration in Europe.... and beyond	Representatives of Regulators, Transmission System Operators and academic experts, animated by Prof. C. Weber, U. of Duisburg
6.00 p.m.	<i>Cocktail</i>	

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## Dissemination event registration form 11th December 2012

Location :  
Square Brussels Meeting Centre  
Hall 300  
Coudenberg 3 (number 4 on map)  
Brussels

First name	
Last name	
Organisation	
Function	
Tel. number	
E-mail address	
Address	
I shall attend the cocktail at 6pm	YES <input type="checkbox"/> NO <input type="checkbox"/>

Please send the filled-in registration form by email to [svaugelade@symple.eu](mailto:svaugelade@symple.eu) before December 3<sup>rd</sup> 2012

### ACCESS TO SQUARE BRUSSELS MEETING CENTRE



- |          |  |   |  |
|----------|--|---|--|
| <b>1</b> | GLASS ENTRANCE<br>(MONT DES ARTS - KUNSTBERG, 1000 BRUSSELS)   |  | ENTRANCE CENTRAL STATION   |
| <b>2</b> | TERRACE ENTRANCE<br>(MONT DES ARTS - KUNSTBERG, 1000 BRUSSELS)   |  | ENTRANCE METRO CENTRAL STATION   |
| <b>3</b> | RAVENSTEIN ENTRANCE<br>(2 RUE RAVENSTEINSTR, 1000 BRUSSELS)  |  | TAXI   |
| <b>4</b> | COUDENBERG ENTRANCE<br>(3 COUDENBERG, 1000 BRUSSELS)   |  | TOURIST INFORMATION  |
| <b>5</b> | DELIVERY ENTRANCE<br>(27 RUE DES SOLS, 1000 BRUSSELS)<br>ONLY FOR SMALL PACKAGES AND EUROPALLET<br>NOT BIGGER THAN 120 CM (L) X 80 CM (W) X 140 CM (H) |  | PUBLIC PARKING «ALBERTINE»<br>(DIRECT ACCESS TO SQUARE)<br>(3 RUE DES SOLS, 1000 BRUSSELS) |
| <b>6</b> | LOADING & UNLOADING<br>(15 RUE DES SOLS, 1000 BRUSSELS)  |  | CITY BIKES DISPOSAL  |
| <b>7</b> | LOADING & UNLOADING<br>FOYERS<br>(1 COUDENBERG, 1000 BRUSSELS)   |  | BOZAR (DIRECT ACCESS FROM SQUARE)  |
|          |  |  | NO PARKING IN THE STREET   |
|          |  |  | MUSEUM RESTAURANT  |