

"Most promising options for the design of pending electricity Market development in the IEM"

Stakeholder Consultation

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Market4RES project in nutshell

- **Market4RES:** Post 2020 framework in a liberalised electricity market with large share of Renewable Energy Sources
- The project is co-funded by Intelligent Energy Europe (IEE) programme. The total budget is 2.4 M Euro
- **Duration:** April 2014 - September 2016 (M30)



Market4RES objectives

Creation of the Target Model (TM)

- The European Electricity Regulatory Forum (Florence Forum) decided in November 2008 to develop an EU-wide Target Model (TM) and a roadmap for the integration of electricity markets across regions.
- **Target Model expected to be fully implemented by 2015:**
 - including day-ahead price coupling
 - cross-borders intraday continuous trading and
 - long-term cross-border capacity allocation with harmonized rules at European scale
- **The Target Model is based in two main principles**
 - Energy only regional markets
 - Market Coupling linking zonal day-ahead spot markets into a virtual market, where only congestion-constraints limit the trade





Market4RES Objectives

- To study the potential evolution of the EU Target Model necessary to secure the European power system decarbonisation with large amounts of renewables.
- The project aims to:
 - Contribute to an open and transparent debate on the potential evolution of the EU Target Model after 2020 with the RES/GHG/EE 2030 targets in mind & large shares of RES-e & large amounts of renewables
 - Identify and recommend steps for the implementation of policy, legislation and regulation across the renewable energy sectors.
 - Identify and recommend concrete steps so relevant market actors can accept and adopt the main results of the project.

Market4RES Consortium

Participant name	Short name	Country code	Profile of the organisation
SINTEF Energy Research	SINTEF	NO	RESEARCH
European Wind Energy Association	EWEA	BE	INDUSTRY
Energy Economics Group (EEG), Vienna University of Technology	EGG	AT	RESEARCH
European Photovoltaic Industry Association	EPIA	BE	INDUSTRY
3E	3E	BE	CONSULTANCY
TECHNOFI	TECHNOFI	FR	CONSULTANCY
Comillas Pontifical University	IIT-COMILLAS	ES	RESEARCH
Réseau de Transport d'Électricité	RTE	FR	INDUSTRY
Iberdrola Renovables Energia	IBERDROLA	ES	INDUSTRY
APX Group	APX	NL	MARKET
Friends of the Super Grid	FOSG	BE	INDUSTRY

Market4RES Timeline and deliverables (M1-M15)

Here we are

WP nr.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
WP1	Project Management																															
WP2	Opportunities, challenges and risks																															
WP3	Novel market designs & KPIs																															
WP4	Appropriate new market instruments																															
WP5	Modelling of electricity market design																															
WP6	Conclusions & Recommendations																															
WP7	Dissemination to stakeholders																															
WP8	IEE Common Dissemination Activities																															
		01.04.2014	01.05.2014	01.06.2014	01.07.2014	01.08.2014	01.09.2014	01.10.2014	01.11.2014	01.12.2014	01.01.2015	01.02.2015	01.03.2015	01.04.2015	01.05.2015	01.06.2015	01.07.2015	01.08.2015	01.09.2015	01.10.2015	01.11.2015	01.12.2015	01.01.2016	01.02.2016	01.03.2016	01.04.2016	01.05.2016	01.06.2016	01.07.2016	01.08.2016	01.09.2016	

D2.1 Report on market failures, distortions, challenges and benefits in the European electricity market with increasing shares of RES-E generation

D2.2 Report on the implementation status and market-focused diagnoses of the target model

D2.3 Report on the empirical case study analyses emphasising the challenges in the very short-term, short-term and long-term electricity markets in Europe with high shares of RES-E penetration

D4.1 Specifications of the most adequate options for flexibility markets and RES support schemes to be studied in a cross-border context

<http://market4res.eu/>

Market4RES Timeline and deliverables (M15-M17)

Here we are

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D 3.1 Developments affecting the design of long-term markets

D 3.2 Developments affecting the design of short-term markets

D 3.3 Indicators for the assessment of market options (KPIs)

D4.2 Quantification of the expected benefits coming from evolutions of RES support schemes: Intermediate report





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Thank you very much
for your attention