

PROJECT CONSORTIUM AND CONTACT

Market4RES (IEE/13/593/SI2.674874) is a project funded by the Intelligent Energy Europe programme. The project started in April 2014 and will finish in September 2016. The Market4RES consortium consists of leading knowledge organisations, the renewables industry, network operators and market parties.

The project activities are guided by feedback from an Advisory Board, consisting of high-level representatives from network operators, regulators, power exchanges, market players, authorities, and the renewables industry.

COORDINATOR



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CONTACT



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Results, event calendar and all related news can be found on: www.Market4RES.eu

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Post-2020 framework for a liberalised electricity market
with a large share of Renewable Energy Sources



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www.Market4RES.eu

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Project overview

Market4RES investigates the potential evolution of the Target Model (TM) for the integration of EU electricity markets that will enable a sustainable, functioning and secure power system with large amounts of renewables.

With a focus on wholesale market design, **Market4RES** will identify and recommend steps for the implementation of policy, legislation and regulation across the different timeframes of energy markets. One key objective is the facilitation of dialogue amongst relevant stakeholders on which steps towards the most economically sustainable market design should be taken.

The EU Target Model for electricity market integration is expected to be fully implemented at pan-European level by 2015. It will include day-ahead price coupling, cross-border intraday continuous trading and long-term cross-border capacity allocation with harmonised rules. The TM is based on the principle of energy-only national markets interlinked through efficient mechanisms designed to take advantage of the complementarity of the different generation assets in Europe with the only limitation to cross-border trade being congestion constraints.

During the implementation of the Target Model, the share of variable renewable electricity (RES-E) will increase following the 2020 renewable energy and emission reduction targets. The **Market4RES** project aims to contribute to an open and transparent debate on how to best integrate these energy sources in the power system in a market-based way.



Expected outputs

- **Recommendations to adapt the existing power market design for optimising RES-E integration up to 2020.** These recommendations will be based on an overview of the opportunities, challenges and risks for RES deployment in an EU integrated market with full TM implementation;
- **Proposals for market mechanisms facilitating the EU-wide deployment of variable renewable electricity,** including the most suitable features for electricity markets able to aggregate flexible consumption with variable RES production for cross-border trading. These proposals will be tested with the numerical market design test platform OPTIMATE;
- **Proposals for incentivising market-based investments in power generation** departing from nationally fragmented approaches in Member States towards a pan-European market-based approach. Additional mechanisms to the current market design directly or indirectly affecting the decisions made by market parties on their new and existing generation assets;
- **Proposals for the implementation of the recommended policy choices, legislation and regulation options across the energy sector** and further provisions of non-technological recommendations in the post-2020 horizon.

The **Market4RES** project actively involves relevant players in the value chain to ensure that the project delivers recommendations from the main market players to decision makers.

Market4RES: two work streams

