



# TradeRES

New Markets Design & Models for  
100% Renewable Power Systems

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TradeRES will develop and test innovative electricity market designs that can meet society's needs of a (near) 100% renewable power system. A long-term sustainable market design needs to provide efficient operational and investment incentives for an electricity system that is characterized by a high share of variable renewable energy sources by increasing integration with other energy sectors, and by increasing participation of flexible electricity demand. Furthermore, this market design needs to provide security of supply by ensuring sufficient controllable electricity generation capacity whilst being economically efficient. Finally, despite the variability of solar and wind energy, the market risks should be allocated in an efficient and socially accepted way.

In this sense, this project aims at finding market designs that are economically efficient in the above setting. To achieve these goals the project will use an iterative methodology and involve the key players from the energy sector in order to achieve and test the most suitable market designs.



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