



Data science for renewable energy prediction

Smart4RES takes short-term forecasting of renewable energy sources (RES) production to the next level. The project develops a multi-disciplinary approach to not only improving prediction accuracy, but also increasing resilience, robustness, and simplicity of the model chain by maximizing the value that can be extracted from available data.

Smart4RES toolbox



RES-dedicated weather forecasting models



Multi data source approaches to short term RES forecasting



Seamless view of RES forecasting at various granularity levels



Collaborative framework and data markets for RES forecasting



Decision aid tools for power system management



Decision aid tools for electricity market

13 partners

7 countries

45 scientists



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 864337.

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