

Climate Prediction Services for Energy

“[Renewable] energy provision may be anticipated, not only in the short and long term as it is today, but also at intermediate horizons, where a huge market niche appears.”
Ignacio Lainez Aracama, Professor of Wind Energy, EOI and Director of Energy Assessments, EDP

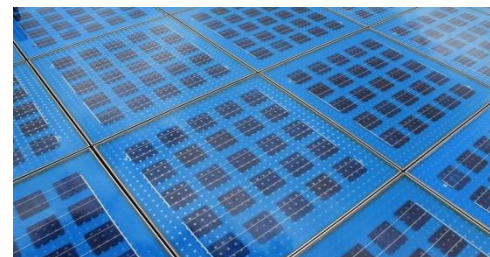
Products

1. Monthly to decadal predictions

Climate predictions evaluate the variability of weather over near-term future timescales. They represent the cutting-edge in climate modeling and the most robust climate information currently available, by demonstrating the probability of possible scenarios alongside which is the most likely.

2. Impact assessment

Early identification of climate-related vulnerabilities for the energy sector that help identify risks and opportunities for electricity producers, distributors and traders. Support in defining management strategies and precautionary adaptation to climate change.



Applications

- Renewable Energy Sector
 - Mid-term operations & maintenance planning
 - Energy trading and electricity prices
 - Estimation of more accurate budgets
 - Pre- and post-construction assessments for wind and solar farms
 - Meet the balance between demand and supply



Our projects on climate predictions for the energy sector have received funding from:

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