



We are a leading global forecasting provider with more than 15 years of experience in advanced weather and energy forecasting.

Our mission is to help our customers optimize performance and grow their businesses with the highest accuracy and quality in power and weather forecasting.

We believe that through close collaboration with our business partners, we can find the best solution to fit their needs and situation.



Power Forecasts



Weather Services



MetOcean Services

Wind & PV Power Production Forecasts

Accurate power production forecasts for renewable energy park owners, portfolio managers, grid operators, TSOs, and energy trading companies.

- Forecasts up to 10 days in advance
- Regional, asset, or country level
- Time resolution: 5 minutes to 1 hour
- Integration of measurement data
- Daily updates down to 1 minute
- Forecasts with percentiles
- 99.7% system uptime
- Delivery in any data format
- Add-ons: Availability, Curtailment Forecasts, Icing Forecasts, Live Data

Icing Forecasts

Forecast of icing events, probability and power losses delivered for two upcoming days in resolution between 10 minutes and 1 hour, based at park level.

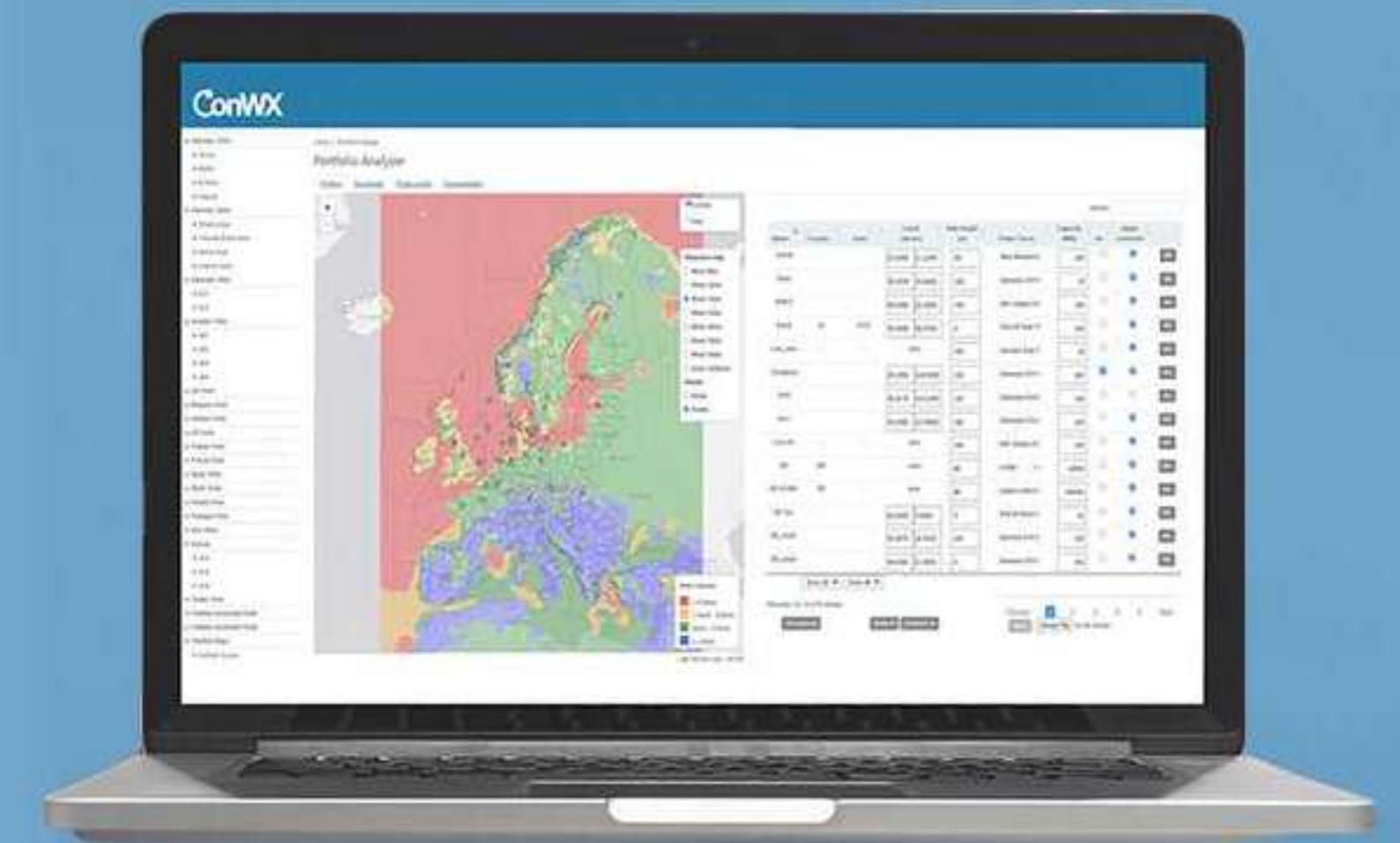


Portfolio Analyzer

The cloud-based system uses high-resolution weather data and empirical power curves for a wide range of product units that run over 20-year time spans.

With the Portfolio Analyzer, it is possible to simulate the hourly output of wind and solar assets across the globe.

- Individual asset / entire portfolio calculations
- Graphical overview of annual load factors



Wind & PV Weather Data

With the best-in-class NWP (Numerical Weather Models), we can provide weather forecasts and data of all weather parameters in any resolution, including wind speed in any height.

- The data can be distributed in either points or grids, covering the entire globe.

MetOcean Forecasts

Global and local high-resolution forecasts for decision-makers in the onshore and offshore wind energy sector.

Cloud-based platform with the latest data and up to 7-day ahead forecast of weather, waves and current.

User-friendly graphical weather and wave predictions and weather window forecasts with color code indicator.

- Data granularity set at 1 hour
- Automatic forecast mailing system
- Automatic email alerts



MetOcean Hindcast

More than 20 years of historical weather data as the key for your future successful renewable energy project.

- Statistics for any location in the world
- Time resolution: 1 hour
- Data resolution: 1-10 km
- Models: ConWx IRIE, WRF_NMM, WW3.14, GETM

Injection Forecasts

Solar power forecasts considering self-consumption from local business and households.

Decarbonization

The Oil and Gas sector is currently facing the obligation to reduce its carbon footprint.

- We aim to analyze the potential CO2 and NOx savings by replacing the gas turbines for floating wind turbines and ESS.

Consultancy Services

Our experienced team is always ready to help you during any stage of your next renewable energy project.


Our Experience


- Direct responsibility of +140 GW of installed wind & solar capacity.
- We have forecasted for +50,000 facilities.
- We have provided our services in +50 countries.

Get in touch

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