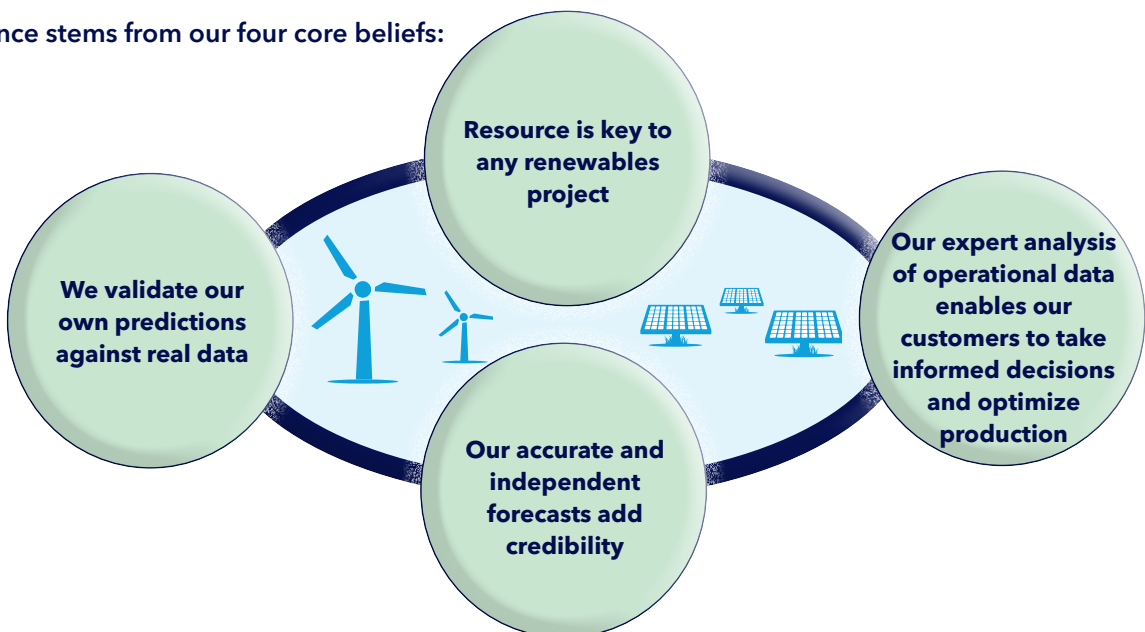


RENEWABLE ENERGY ANALYTICS



The Energy Analytics team provides data analysis services and products that span the entire wind or solar project lifecycle. We have 30 years' experience and have completed more than 300 GW of projects. Our recognized excellence, independence and ability to translate complex data into project insights makes us the preferred consultancy for many industry players.

Our excellence stems from our four core beliefs:



DNV OFFERS END TO END SERVICES THROUGHOUT THE ENTIRE WIND AND SOLAR PROJECT LIFE CYCLE



FEASIBILITY	DEVELOPMENT	OPERATION
<ul style="list-style-type: none"> Mesoscale wind and solar resource mapping Site procurement Virtual meteorological data (resource compass) Icing assessments Measurement campaign specification Preliminary energy assessment 	<ul style="list-style-type: none"> Resource Panorama (online data management) Layout design and optimization Pre-construction wind and solar energy assessments CFD wind flow modelling Site meteorological conditions assessment Power performance measurements 	<ul style="list-style-type: none"> Short-term forecasting SCADA based condition monitoring Asset monitoring and reporting Performance benchmarking WindGEMINI Operational wind and solar energy assessments Extension analysis

OUR CORE ENERGY ANALYTICS SERVICES



Resource Panorama

Make the most of your wind or solar resource data and save time through online data management.



Wind site conditions analysis

A holistic approach to analysing onshore and offshore site conditions helps you choose the most appropriate turbine for the conditions of the site.



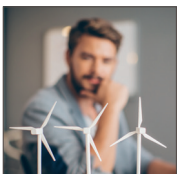
Asset monitoring and reporting

Improve your wind project energy output through ongoing monitoring of your asset.



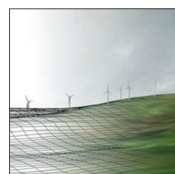
Short-term wind and solar farm forecasting

The wind doesn't always blow and the sun doesn't always shine. Accurately knowing when they will provide a competitive advantage to your business.



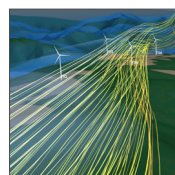
Ad-hoc renewables data analytics consultancy

Our experts can create bespoke solutions to your challenges every step of the way.



Pre-construction energy assessment and layout design and optimization

Validated pre-construction wind and solar energy output predictions help you mitigate risk, build confidence and optimize your resource.



Computational fluids dynamics (CFD)

Our CFD service is extensively validated and proven to be the industry leading tool for energy yield forecasts.



WindGEMINI

WindGEMINI online digital twin gives you 24/7 access to advanced wind turbine condition and performance analytics, enabling you to make informed wind operation decisions.



Operational energy assessments

We offer the most accurate post-construction energy estimates for wind and solar energy projects, based on actual operational data and advanced analytic techniques.

CONTACT US

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