

## PRESS RELEASE

### 4Cast GmbH & Co. KG presents advanced long-term yield assessments at Intersolar (EM-Power)



**Potsdam, June 19, 2024** - 4Cast GmbH & Co. KG, a leading company in the field of renewable energy yield forecasting, will present its latest innovations at this year's EM-Power (a sub-exhibition of Intersolar Europe) in Munich from June 19 to 21, 2024. With the recently launched solution for long-term yield assessments, 4cast offers a precise and efficient method for optimizing wind and solar projects during the planning phase.

#### The need for yield assessments in the planning process

Yield estimates for a period of several years are an essential part of the planning process for wind farms and solar plants. They make it possible to evaluate the profitability of a project by determining the yield of the selected sites and layouts. Traditional methods are time consuming and often inaccurate, highlighting the need for innovative solutions such as the automated long-term yield assessment highlighted by 4cast.

#### Efficiency through automation

4cast offers an automated solution that eliminates time-consuming manual steps and significantly shortens assessment periods. While traditional analyses can take up to 42 days, 4cast delivers reliable results within 5-8 working days. This is made possible by the use of advanced automation and a scalable cloud infrastructure.

### **Detailed assessment for well-founded investment decisions**

4cast's solution takes into account a wide range of structural and site-related parameters to produce accurate and reliable assessments. These precise predictions provide a solid basis for investment decisions and help to minimize risk and maximize the success of wind and solar projects.

### **Comprehensive services**

In addition to the main functions of long-term yield assessments, 4cast offers further services that support strategic planning:

Provision of historical energy yield time series for comprehensive assessment of energy production over longer time periods.

Analysis of historical data sets to identify site-specific patterns.

Estimation of yield losses when expanding or repowering existing systems.

### **Support for solar planning**

"Efficiency and precision are key factors for the planning and long-term success of solar projects," says Sascha Bauer, CEO of 4cast GmbH & Co. KG. "With our new solution, we support our customers in achieving these goals faster and optimizing their yield assessments according to the latest scientific standards."

**- End of press release -**

Since 2016, 4cast has been supporting the entire lifecycle of wind and solar projects. The company combines meteorological research with data-driven analysis to provide accurate forecasts for all project phases.

With 4cast Horizon, automated long-term yield forecasts enable precise site assessments. Wind assessments provide a solid foundation for permitting and investment decisions. During operation, Intraday and Day-Ahead forecasts ensure optimized market integration.