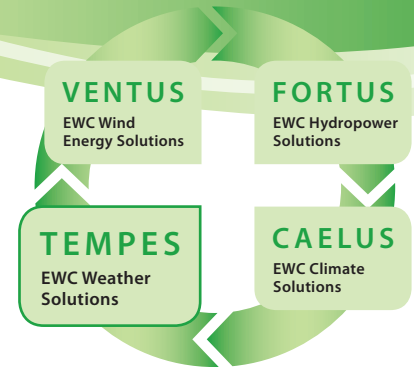




CUSTOM SOLUTION

Grid Operators (Electricity & Gas)





WEATHER FORECAST

Location-specific weather forecast for any location worldwide

Our Weather Forecast incorporates a range of leading-edge meteorological models, historical measurement time series and real-time data from relevant measurement sites together with any site-specific features. The forecast accuracy is further improved by the application of an internal statistical forecast model.

Additional services:

- Meteorological parameters as required
- Temporal aggregation (e.g. daily mean temperatures)
- Individual calculations (e.g. degree day figures)
- Individual delivery times (e.g. per gas day)
- Temperatures for critical points of the grid to avoid power dips
- Cluster classification of temperatures in Germany into three degrees of precision (8, 25, 67)

Your benefits:

- Overview of an array of factors that impact on energy production
- Planning security and optimisation of existing processes (e.g. by applying EWC's degree day figures)
- Forecast is easily integrated into all common EDM systems
- Delivery times are tailored to your data management needs

We supply the following standard products:



Wind Power Forecast

Forecast of the wind power feed-in for regions throughout the world



High-Resolution Precipitation

Radar-based hourly precipitation volumes in a resolution of 1km x 1km



Hydropower Forecast

Hydrological forecast of the energy production for catchment areas



Historical Measurement Time Series

Global hourly, daily, monthly and climate data



Real-Time Data

Meteorological data of the last 24 hours and previous days worldwide



Climate Data Series

Global long-term means of temperature, precipitation and wind



Lightning Statistics

Evaluations of lightning frequency and distribution