

REGIONAL AND

SUPRA-REGIONAL ENERGY PROVIDERS

INNOVATIVE AND HIGHLY  
PRECISE WEATHER  
SOLUTIONS

## YOUR CHALLENGES



MANAGEMENT  
OF YOUR OWN  
ACCOUNTING GRID



OPTIMISATION OF  
POWER PLANT  
DEPLOYMENT  
PLANNING



CALCULATION  
OF GAS LOAD  
FORECASTS



CALCULATION  
OF YOUR OWN  
CUSTOMERS'  
ELECTRICAL LOAD



EXACT BILLING FOR  
END CUSTOMERS

## OUR SOLUTIONS



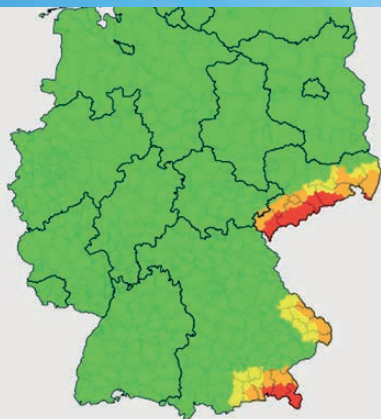
### WEATHER DATA

- Historical measurement and climate time series
- Up-to-date measurements for the previous day based on WMO standard (station and point concise)
- Point concise weather forecasts (model output statistics)
- Temperature, global radiation, wind, precipitation, etc.
- Hourly and/or daily values
- Energy management parameters, such as degree day data
- Nationwide weather data for Germany, also at post code or climate zone level



### RENEWABLE ENERGY

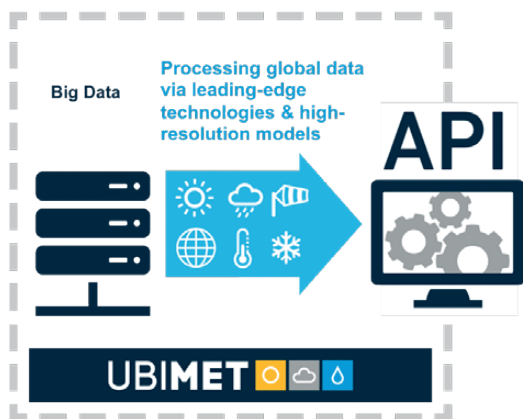
- Highly precise wind, solar and hydropower forecasts



## STORM WARNINGS AND ALARMS

- Our own severe weather centre will keep you informed 24 hours day, 365 days a year
- Warnings
  - Provided by experienced storm meteorologists
  - With individual threshold values
  - Warnings cover all types of storms, sleet, thunderstorms, heavy rain, snowfall
- ISO-certified transmission logistics via e-mail, SMS, and the Weather Cockpit®

- ✓ Balancing group and schedule management: optimisation through highly precise weather forecasts
- ✓ Power plant deployment schedule: Optimisation through renewable energy forecasts
- ✓ Sales: Improvement of load forecasts using nationwide German weather data at post code or climate zone level
- ✓ Customer billing: Precise, WMO-compliant weather data for consumption analyses
- ✓ Risk management: Increased safety thanks to point and concise storm warnings



## PROVISION OF DATA

- Unique and reliable data supply
- Via web interface or data feed
- All standard delivery options (incl. sFTP, API, e-mail)
- Flexible formats (incl. CSV, XML etc.)

## CONTACT

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## ABOUT UBIMET

UBIMET is a leading commercial provider of precise meteorology services and severe weather warnings. The global company is headquartered in Vienna, Austria and has offices in Karlsruhe, Melbourne, Munich, New York and Zurich employing 250 staff from 25 nations. UBIMET provides high-quality meteorological data, forecasts and alerts enabling weather-dependent industries around the globe to increase safety and efficiency.

UBIMET's expertise and reliable weather solutions have convinced customers from industries such as aviation and rail, construction, energy, insurance, media as well as event organizers. UBIMET has delivered accurate weather data to Formula 1 since 2014, and our services are widely used by the Australian Sailing Team, PGA, FFA and other major sports organisations.

The company was founded as a start-up by Michael Fassnauer and Manfred Spatzierer in Vienna in 2004. The two founders, driven by a passion for meteorology, are still the driving force behind the company today. Red Bull has been a strategic partner since 2012, expanding the company's global reach.

[www.ubimet.com](http://www.ubimet.com)

To accommodate the exacting demands of the energy industry, UBIMET offers:

### INDUSTRY-SPECIFIC KNOW-HOW

- Over 20 experts dedicated entirely to the energy business in Karlsruhe
- The company invests more than 25% of its annual revenues in international research projects in the fields energy & mobility, smart cities and disaster management

### HIGH PRECISION METEOROLOGY

- One of the world's largest weather databases (weather stations, satellites, radar, lightning)
- Access to the world's leading and global weather models (incl. ECMWF and GFS)
- Own, high resolution local weather model RACE (precision up to 100 m)
- Own 24/7 severe weather centre
- Protected method for feed-in management volume forecasts

### ULTRA-MODERN TECHNOLOGICAL INFRASTRUCTURE

- Six global data centres providing more than 70 TB of processed data per day (big data)
- Our Weather Cockpit® provides intuitive and state-of-the-art platform solutions
- Full weather data integration into customer systems thanks to modern API solutions

## GROUP MEMBERS

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