



# REGIONAL AND

# SUPRA-REGIONAL ENERGY PROVIDERS

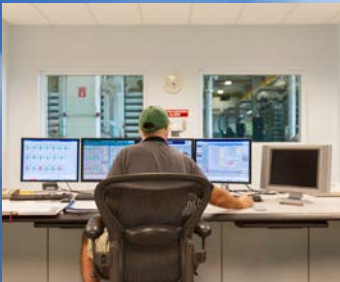
INNOVATIVE AND HIGHLY  
PRECISE WEATHER  
SOLUTIONS



## 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

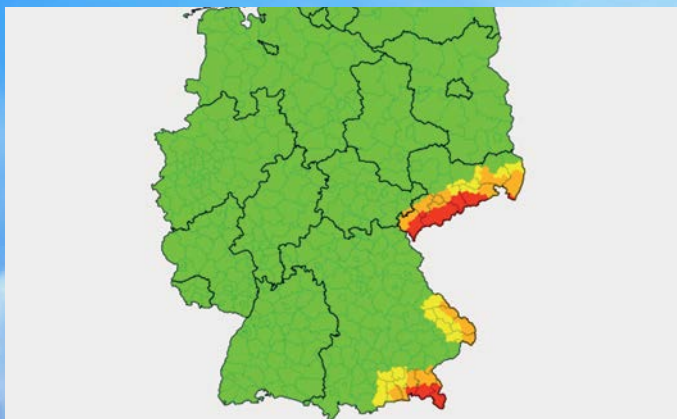


### RENEWABLE ENERGY

- Highly precise wind, solar and hydropower forecasts



## SOLUTIONS

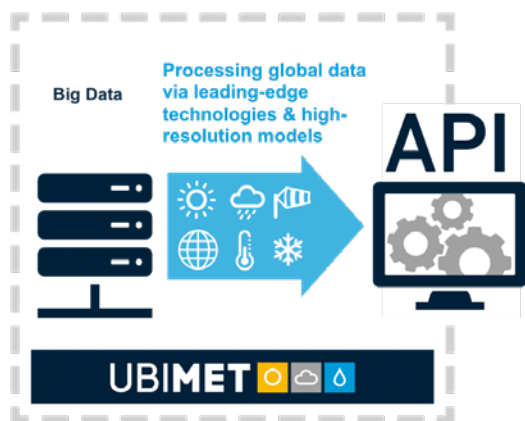


### STORM WARNINGS AND ALARMS

- 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 ®

## YOUR BENEFITS

- ✓ 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

### GLOBAL HEADQUARTERS

UBIMET GmbH  
ARES Tower  
Donau-City-Straße 11  
1220 Wien  
Austria  
T +43 1 263 11 22 0  
E [info@ubimet.com](mailto:info@ubimet.com)

### GERMANY

UBIMET GmbH  
Schönfeldstraße 8  
76131 Karlsruhe  
Germany  
T +49 721 663 23 0  
E [germany@ubimet.com](mailto:germany@ubimet.com)

### AUSTRALIA

UBIMET Pty Ltd  
Level 20, 350 Queen Street  
Melbourne VIC 3000  
T +61 3 8488 7610  
E [australia@ubimet.com](mailto:australia@ubimet.com)

### USA

UBIMET North America Inc.  
218 West 18th Street  
New York, NY 10011  
T +1 1 646 690 4203  
E [usa@ubimet.com](mailto:usa@ubimet.com)

## ABOUT UBIMET

UBIMET is the leading commercial provider of highly precise meteorological 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 200 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 energy, aviation and rail, media as well as event organisers.

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.

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

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

### INDUSTRY-SPECIFIC KNOW-HOW

- A center of excellence with 20 experts dedicated entirely to the energy business in Karlsruhe
- Energy-specific know-how and expertise of 15 years
- Investment of 25% of annual revenue in international research projects in the fields of 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 weather-analytical tool HYDRA (resolution up to 100m)\*
- Own, high resolution local weather model RACE (resolution up to 100m)
- Own 24/7 severe weather centre
- Highly precise wind and solar power production forecasts
- Protected method for feed-in management and volume forecasts\*\*

### LEADING EDGE IT INFRASTRUCTURE

- Four global data centers processing more than 100 TB of data per day (Big Data)
- Intuitive and state-of-the-art platform solutions with our Weather Cockpit®
- Full integration of weather data into customer IT systems via secure data transmission and sFTP-Server and leading edge API-solutions

*\* The invention, on which our solutions are based, has been registered for patent (European patent application No. 17450001.7 as well as US Patent Application No. 15/860.189) by UBIMET.*

*\*\* The invention was protected as utility model (DE 20 2017 100 343.4) and has been filed for patent (DE 10 2017 101 265.6, European patent application No. 18152474.5 as well as US patent application No. 15/879,326) by UBIMET.*

## GROUP MEMBERS

MeteoNews AG  
Siewerdtstrasse 105  
8050 Zürich  
Switzerland  
T +41 43 288 40 50  
E [kontakt@meteonews.ch](mailto:kontakt@meteonews.ch)  
[www.meteonews.ch](http://www.meteonews.ch)

nowcast GmbH  
Albert-Roßhaupter-Straße 43  
81369 München  
Germany  
T +49 89 552 97 13 70  
E [info@nowcast.de](mailto:info@nowcast.de)  
[www.nowcast.de](http://www.nowcast.de)