

## TEMPES

EWC  
Weather Solutions

FORECAST FOR

■ Energy traders (electricity & gas)



# ENERGY TRADING FORECAST

## Population-weighted forecast of daily mean temperatures in Europe

Do you need information on potential cold surges or heat waves to estimate future energy needs? Our Energy Trading Forecast provides a rapid population-weighted overview of daily mean temperatures in European countries. Future meteorological conditions are mapped in line with the demand by using temperature forecasts and calculations of deviation from the long-term mean climate pattern. Daily mean temperatures can be forecast for today and the following two days (Day-Ahead), for the current week (Intra-Week) and for the coming week (Week-Ahead).

### Your benefits from the Energy Trading Forecast:

- Clear visual presentation of the daily mean temperature in European maps with colour-graded alert levels for registered customers
- Temperature trends are rapidly tracked and easily interpreted. They are displayed as deviations from the mean climate

### Your service benefits with EWC:

- Fast and customised handling of your requests
- Industry-specific consultancy
- Outstanding price/performance ratio
- Secure and reliable service is guaranteed by the use of flexible and continuous data interfaces
- The Energy Trading Forecast is easily integrated into all EDM (energy data management) systems

### EWC uses the following database:

- Meteorological data are exclusively from official national weather offices operating to WMO standards (World Meteorological Organization)
- Germany-wide hourly readings from over 1,000 weather stations of Deutscher Wetterdienst
- Europe-wide readings from over 2,500 weather stations at 1 – 6-hourly intervals
- Leading-edge meteorological models
- Local features of the requested location



## Our standard data processing:

- Population-weighted forecast for the estimation of the expected energy demand
- Details of the forecast daily mean temperature
- Statistical correction of the forecast
- Four updates per day to record short-term meteorological changes

## Optional features:

- Additional details of the deviation from the 30-year mean climate for the requested region
- Further weather parameters relevant to the energy sector are available on request (e.g. wind chill factor, effective cloud cover, degree day figures)

## Customised and flexible data provision:

- Visualisation: spreadsheets, charts
- Formats: TXT, CSV, EXCEL, XML
- Supplied as: e-mail, SFTP, pull and push, Web services, ISDN, P2P

## The Energy Trading Forecast can be combined with:

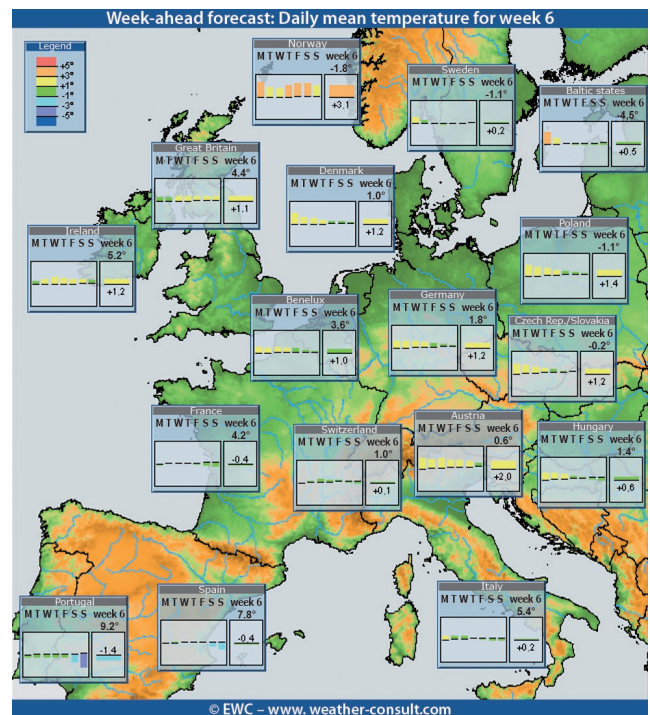


### Weather Forecast

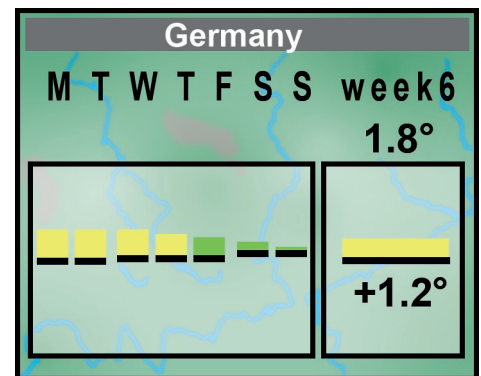
Location-specific weather forecast for any location worldwide

## EWC Weather Consult GmbH

Enhancing efficiency, making risks calculable and minimising them, saving costs – all these energy market goals can be achieved with the help of EWC's meteorological data solutions and services. We provide high-quality global location- and time-specific forecasts, weather measurement data, simulations and analyses for customers in the energy sector. We cater to our customers' individual needs by offering a range of categories of standard products and custom solutions. For information on our extensive portfolio of products and solutions, visit [www.weather-consult.com](http://www.weather-consult.com).



Sample of a Week-Ahead forecast of the daily mean temperature in Europe



Sample of a Week-Ahead forecast of the daily mean temperature in Germany