

Long term forecasting extreme windspeed and gust

Meteo consult, founded in 1986 As private weather company.

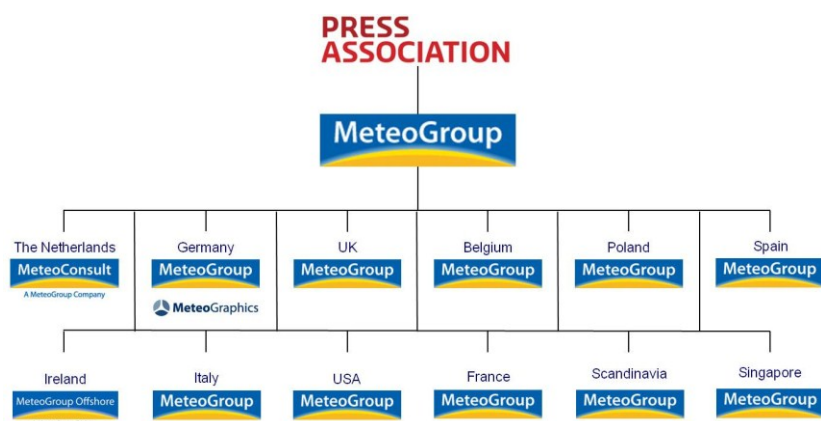
Since then evolved from a Dutch firm to an international Weather Company. Owned by the Press Association.



Last developments

Acquisition MM Media (now Meteogroup Switzerland) and the Phillipines.

The Meteogroup was recently purchased by General Atlantic.



Our customers/ Our Activity's:

- Media
- Agriculture
- Maritime
- Data
- Consumer
- (Road)construction
- Water management
- Weather & traffic
- Workshops
- Energy
- Events

Use of ECMWF Data

- In MMOS. both model and EPS
- Operational model run as Guidance
- EPS for indication reliability
- Monthly forecasts
- Seasonal forecast

MeteoConsult

Name: Gerrit Schraa

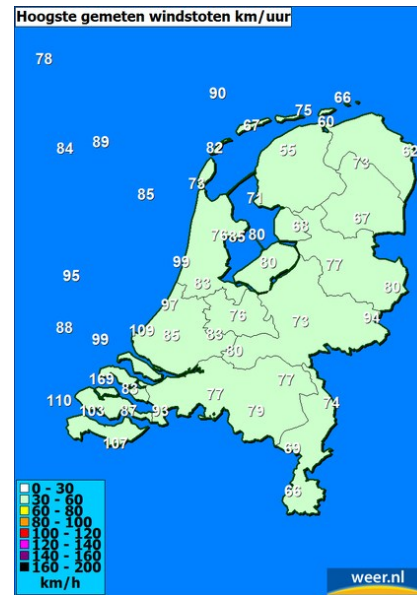
Function : Senior Meteorologist / Guard Meteorologist.

Case (several)

Forecasting high wind speed and Gusts more than 3 days in advance.

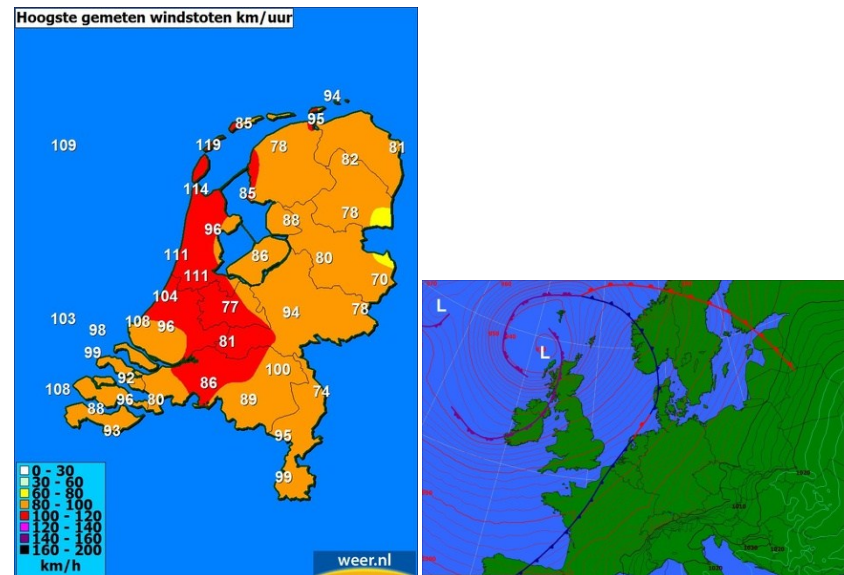
Date:

Jan 04 2014



FFg6 in ECMWF 50 kts.

Dec 21 2013



FFg6 in ECMWF 55 kts.

Reflections:

- Medium range models tend to under forecast.
- Short-range weather forecast are to late.
- Useful elements. (400 m wind, wind at higher levels in prog temps)
- Most extreme vallues in EPS