



EUMETNET new programme phase: Forecasting Capability Area

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EUMETNET, the Grouping of 31 National Weather Services in Europe started a new programme phase, a period of five years, in the area of Observations, Forecasting and activities in Climate and Aviation. The Forecasting Capability Area is the domain of forecasting programmes of EUMETNET. Most programmes in this area were already active in the previous programme phase but new elements are included as well. Four programmes are currently running within the Forecasting Capability Area:

- EMMA: the flagship forecasting programme presenting weather warnings all over Europe, will undergo a major overhaul during next years as there will be a redesign of the whole website and the integration of several new features; also cooperation with hydrological partners will be intensified and new warning parameters supported;
- Forecaster Support will focus on nowcasting, more specifically on seamless prediction; impacts of new observation types, including crowdsourced data and new satellite parameters will be considered; a new activity on impact oriented warning is under preparation;
- NWP cooperation will include collaboration among LAM consortia including participation in impact studies for various types of observations, collaboration on SREPS with a focus on severe weather indices and a new module on post-processing including machine learning, neural networks and blending techniques ;
- Eumetcal will foster the fulfillment of education&training needs of all members of EUMETNET; a in-depth assessment of user needs will be part of the programme.

The Forecasting Programme will be supported by the organization of several open conferences and workshops during the whole five year phase. During the presentation an overview will be given of planned activities.