

NWP Scoping Meeting
24th November 2005, Exeter

Introduction

At the 24th EUMETNET Council held in April 2005 at Basle, Switzerland, the Met Office presented a vision for Numerical Weather Prediction in Europe which sought to :-

- encourage collaboration to make best use of existing capabilities;
- integrate our capabilities e.g. to provide enhanced products and services
- make the best possible products available for all NMHSs to use (particularly for disaster mitigation and hazard warning).

Council decided that:

The Met Office “should liaise with ECMWF to organise a 1-day seminar on the future of NWP before the end of 2005. A Work Group will then review the conclusions and come up with a Programme proposal.”

To ensure that this workshop is productive a scoping meeting was organised at the Met Office, Exeter with all EUMETNET members and ECMWF invited to partake. The meeting aimed to plan the structure of the workshop, establish the terms of reference for the working group, and determine the date of the main workshop.

Vision Statement

After the adoption of the draft agenda Alan Dickinson provided a summary of the NWP vision which was presented to the EUMETNET Council.

After some discussion the visionary statement, which encapsulated the NWP paper, was redrafted to the following. This re-worded vision will be used as a basis for the Working Group to explore.

Vision: The European Meteorological Infrastructure* will evolve and strengthen its skills and capabilities to enable the meteorological services within Europe to provide the best meteorologically related environmental forecast possible

*The European Meteorological Infrastructure (EMI) is comprised of EUMETNET, the individual EUMETNET members, ECMWF, ECOMET and EUMETSAT.

Terms of Reference for the Working Group

From a sketched outline of potential terms of reference for the working group, the following revised terms of reference were formulated:

Taking into account the

- **NWP vision submitted to EUMETNET Council**
- **the findings and recommendations of the 2006 NWP workshop**
- **the ECMWF strategy**
- **the EUMETNET SRNWP Programme**
- **NWP consortia capabilities and achievements (i.e. COSMO, LACE, ALADIN, HIRLAM, Met Office, UK)**
- **Future user requirements of NWP**
- **Other related activities worldwide**

The Working Group will develop a proposal for EUMETNET to promote enhanced coordination of NWP and operational use of NWP across Europe

This first draft of the proposal to be completed by the end of March 2006 to enable submission to the 27th EUMETNET Council (4 – 6 April 2006).

Discussion Topics

To ensure that the findings and recommendations of the 2006 Workshop will benefit the Working Group six themed areas, in addition to an opening speech were identified, together with potential speakers. Those speakers not identified will be done so via correspondence with Alan Dickinson of the Met Office.

Discussion Topic	Speaker
Key note speech Setting the scene	Dave Burridge
Future expectations for NWP NMS, WMO, users etc EU initiatives	Per Uden Francois Gerard
European Joint Forecasting System Interactive forecasting system	David Richardson
Multi Model Ensembles (example ECMWF Seasonal, INM) Targeted observations Decision making	Jose Antonio Garcia-Moya ECMWF TBD Frederic Atger
Interoperability Mutual back-up Harmonisation of data formats, parameter definitions etc Communications e.g. EUMETCAST	

GRID technology	Steve Foreman/Roar Skalin
Code Cooperation Modular framework for developing NWP NWP Application facilities (e.g. topics such as new products, verification, severe weather impacts, early warnings, new observation operators etc)	WRF Consortium
Infrastructure HPCF New observation technologies	Jim Caughey / EUCOS
Opportunities poor man's ensembles Data availability, format Forecasts on a common format/grid (Forecaster perspective)	Jean Quiby
Affordability and data policy	EUMETNET CO

Structure, date, duration and location of the 2006 Workshop

Each discussion topic will contain ideally no more than two presentations. From the discussions surrounding the topic a responsible rapporteur, also a member of the working group, will feed the results back to the open forum which will be held after the sessions to formulate the findings and recommendations to be investigated by the working group.

The composition of the working group was determined to be the following:

Chair: Alan Dickinson

Co-Chair : to be nominated at the first working group meeting

SRNWP: Jean Quiby

COSMO

ALADIN

HIRLAM

LACE

Meteo-France

DWD

Met Office, UK

ECMWF

Denmark

Finland

Hungary

The Netherlands - Gerard Cats

Spain

Sweden

European Forecaster Representative

ECMWF kindly offered to host the 2006 workshop at the Centre providing a number of potential dates. From the potential dates it was decided to host the workshop from 12 noon on the 13th February until 12 noon on the 15th February 2006. The first Working Group meeting will be held from 1300-1500 on the 15th February 2006 at the Centre.

It was agreed that the following will be invited to the workshop:-

EUMETNET Members (one member to participate)

New EU member states

EUMETNET Co

EUMETSAT

ECMWF

Speakers

Head of LACE consortium

Working Group members

This should result in approximately 30-40 participants.

Annex A: Scoping Meeting Attendees

Participant	Organisation	Email
Eric Brun	Meteo France	eric.brun@meteo.fr
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