



General Assembly

P. Termonia,
CSSI Chair
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5d Transversal Issues

SRNWP EUMETNET programmes,

Report from the
SRNWP Advisory Committee

SRNWP-I: Interoperability (fyi)

- **The standard exchange format had been agreed** (GRIB2) together with the list of parameters (parameters for the forecasters, fields as initial and lateral boundary conditions and surface characteristics) to be exchanged.
- It was agreed that the data will be exchanged in the original model grids (in order to avoid unnecessary interpolations) together with the description of the model grid details and will be fed to **adaptors**.
- The necessary development work will **be realised by each Consortia**. (The other advantage of this solution is that the “adaptor” softwares will be the integral parts of the Consortia modelling tools and therefore will be maintained together with the other parts of the models.)
- The major difficulty of be expected related to the treatment of the **surface fields**, therefore strong cooperation with the ET on surface is envisaged. The Programme will soon (most probably still this year) hold another meeting to discuss the next steps of the project.

SRNWP-V (fyi)

- The ***data exchange already started*** and first very preliminary inter-comparison was realised.
- This ***should be still consolidated*** and then the results will be put under the EUMETNET Portal (the Programme Manager will ask access permissions for the verification ET members).

Follow-up of the functioning of the Expert teams (ET), minutes (fyi)

- Expert Team on data assimilation: The Expert Team had lots of exchange of information, however no deep cooperation was realised. In spite of this fact the ET is very well organised as proven by the review talk and the EWGLAM session organised by them. At the beginning of 2011 an ensemble data assimilation SRNWP workshop will be organised (probably in Bologna) together with the EPS Expert Team.
- Expert Team on physics: It was mentioned that the members of this ET don't have a fast "response time", therefore usually the chairperson act to his own to solve the ET-related problems. It is true that this group has rather wide range of topics, therefore some expertise might be missing. It would be worthwhile to extend the list of members of this Expert Team, which might improve the communication and maybe the chairperson would get more support.
- Expert Team on surface: The surface ET is one of the most active Expert Team of C-SRNWP, therefore there is no need for real adjustment.
- Expert Team on EPS: The most important activity (beside the organisation of the EWGLAM review talk and session) of the ET was to organise the SRNWP EPS workshop (June, Exeter). It was raised whether a EUREPS-type of proposal would be realistic at this stage and it was found that it should be tried, therefore the original proposal should be reshuffled by the ET and going to be submitted to the EUMETNET Assembly afterwards (preferably until next spring).
- Expert Team on dynamics: The "Numerical Techniques" workshop was organised and held in Reading (March). On the one hand the ALADIN (LACE) and HIRLAM consortia together with ECMWF form a good basis for cooperation, but due to code "incompatibility" the involvement of Met Office and COSMO is a difficult issue. On the other hand the members of the ET know rather well each other for a long time and they have a good cooperation together. Nevertheless it was found that there are still possibilities to identify such area, where more wide cooperation can take part inside the ET. These issues might be the questions around the anelastic vs. fully compressible equations or idealised studies for instance. It was proposed that Michael Baldauf might be additionally put into the Expert Team on behalf of COSMO (to be confirmed by the COSMO Scientific Programme Manager) and an Expert Team meeting might be organised in conjunction with the Bad Orb non-hydrostatic SRNWP meeting (at the end of October).
- Expert Team on applications: Originally this area was the most loosely defined as far as its precise scientific content is concerned. Based on the discussions at the EWGLAM meeting the Advisory Committee endorsed the scope of the ET as interpretation of mesoscale forecasts and nowcasting. The membership of this ET might be reconsidered by the Consortia leaders in the light of this new definition.

EUMETNET issues (from Andras' minutes)

- EUMETNET expects from the **different areas (observations, climate and forecasting) roadmaps** for the next few years including a 3-year plan (together with a budget) and it would be desirable that C-SRNWP would formalise its vision in that context.
- The already started contribution of C-SRNWP for the **EUMETNET Strategy might be completed** and provided to the Executive Director.
- The **Single European Sky** tender for the provision of meteorological data is ongoing and it was promised that when the NWP specifications of the system will be on the table then SRNWP experts will be asked.