

LAMEPS BC for SRNWP

SRNWP ET on EPS

LAMEPS inside SRNWP

- Large experience has been gained in the last years by European Meteorological Services on LAMEPS
- Several operational and research LAM-EPS systems are in place
- Several projects and collaborations are going on

The EurEPS proposal to EUMETNET

- The SRNWP ET-EPS recognized that the way forward for LAM-EPS in Europe is to prepare for convection-permitting ensembles
- Hence, a one-year scoping study was proposed to EUMETNET, in order to realistically map out the technical and scientific processes needed to reach the long-term goal in practice

The EurEPS proposal to EUMENET

- A major R&D effort is needed to design properly convection-permitting ensembles; major scientific and technical issues are still unsolved
- Among the other questions, what is relevant in this context is what should be used as initial and boundary conditions for this kind of systems

The EurEPS proposal to EUMENET

- The proposal was not accepted, since it turned out that, at this stage, how to organise convection-permitting ensemble activities needs to be discussed first at a Consortium or even at a Country level
- Hence, no specific requirements can be expressed at an inter-Consortia (SRNWP) level
- A recommendation is put forward to facilitate possible future developments

SRNWP ET-EPS recommendation

- To have at least the possibility to reconsider the extension of the BC project with regards to EPS when needed by a larger community, without having to wait necessarily 5 years
- What might turn out to be useful is, e.g.: increased frequency of the EPS, more timely BCs availability, increased resolution for the short range, targeting of perturbations