

# Background

- Rogers' paper: Vision on future of NWP in Europe
- Vision workshop March 2006, Reading:
  - Identification of priority issues for NWP cooperation, e.g.:
    - Construction of a pan-European LAM EPS for short-range forecasts of severe weather
    - Enhanced interoperability between European NWP models (and model components)
  - Acknowledgement of positive role of SRNWP; recommendation to maintain strengths of SRNWP while enhancing it with projects aimed at achieving specific deliverables relevant to the NWP vision.
- Recommendations of Vision workshop presented in, endorsed by EUMETNET Council
- EWGLAM meeting, Zürich, October 2006: preparation of proposal for follow-up of SRNWP programme

# Present SRNWP programme: strengths and shortcomings

- Aims: stimulate research and operational cooperation in NWP in Europe
- Level of participation high
  - ➔ truly Pan-European platform
- Informality and openness ➔ conducive for initiating research cooperation (e.g. HIRLAM-ALADIN code cooperation, PEPS initiative)
- Grassroots structure, low bureaucracy, low cost
- Ambitions of programme were set low: no specifically targeted deliverables, although the NMS's do have needs
  - Low level of funding not in keeping with relative importance of NWP in European meteorology, and prohibiting higher level of ambition
  - Operational cooperation: never really successful, incentives too low to overcome barriers between consortia
  - SRNWP relatively “invisible” wrt other EUMETNET programs ➔ both needs and potential benefits of NWP “underrepresented” in EUMETNET

# The new SRNWP programme: aims and deliverables as proposed in Zürich

- Maintain strengths of present programme (networking, information exchange, pan-European character), and enhance them where possible by some organizational changes (cross-consortium exchange and coordination, also at strategic level)
- Stronger focus on identification and production of specific deliverables through (EUMETNET) projects. Selected topics:
  - Interoperability: enhance interoperability between NWP models
  - EurEPS: Assess benefits/costs of European multi-center LAM EPS
  - Verification: achieve common verification/intercomparison between European (SR)NWP models (in preparation)

The selected projects are strongly interrelated and mutually supporting; interoperability project vital for the other two
- Strengthen the management of the programme to be in accordance with this increased level of ambition

# Redaction teams:

Redaction teams for proposals to EUMETNET established after Zürich meeting:

SRNWP: Jean Quiby, Jeanette Onvlee, Terry Davies,  
Tiziana Paccagnella, Mathias Rotach, Per Uden, ...

EurEPS: Trond Iversen, Andras Horanyi, Chiara  
Marsigli, Ken Mylne, Yong Wang

Interoperability: Ulrich Schättler, Francois Bouttier,  
Radmila Brozkova, Alan Radford, Xiaohua Yang

Verification: Joel Stein et al.

# Organization of new SRNWP

- Maintain SRNWP as primarily a “networking” programme, providing a pan-European platform for information exchange and cooperation in NWP. Enhance central coordination in advisory committee, cross-consortium interaction in advisory committee, thematic working groups
- Stronger focus on stimulating operational cooperation: identify, initiate and coordinate projects aimed at producing specific NWP deliverables for member institutes. PM, AC and WG all can/should play active role here.
- Stronger initiating, coordinating and administrative role of programme manager required
  - ➔ increase to full-time position.

# Eumetnet Council discussions & decisions, April 2007

- SRNWP, Interoperability and EurEPS proposals submitted; Verification proposal not yet ripe
- Integrated presentation of the three submitted proposals
- Council recognized that “they had got what they asked for”. The importance of the aims of all 4 proposals was not questioned, nor the reality/need of the requested funding for Interoperability/EurEPS.
- Main problem: funding. Sharp division between members willing to accept whole package and members not wishing any increase. HIRLAM and ALADIN directors supportive. Compromise necessary.
- Decisions:
  - Accept SRNWP programme as scientific networking programme at present level of funding. Adjust ambitions accordingly
  - Perform the proposed projects in “phased” manner. Interoperability proposal was recognized as most urgent one.
  - Full proposals are requested to be written for the September Council.

# Follow-up actions

- Call for full proposals expected end of June, July.
- Start now: Search for interest in responsible membership, programme management for SRNWP and Interoperability project
- Search for participants and draw up full proposals
- Attempt to formulate the interoperability proposal in such a manner that the interoperability needs of EurEPS, Verification can be met as much as possible.