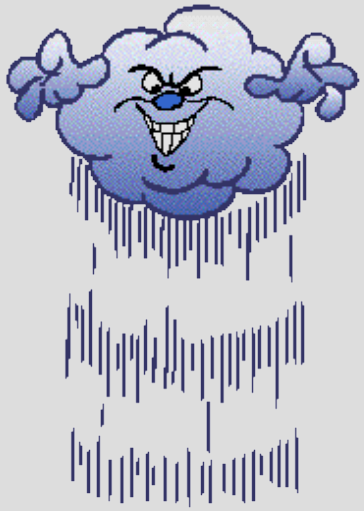
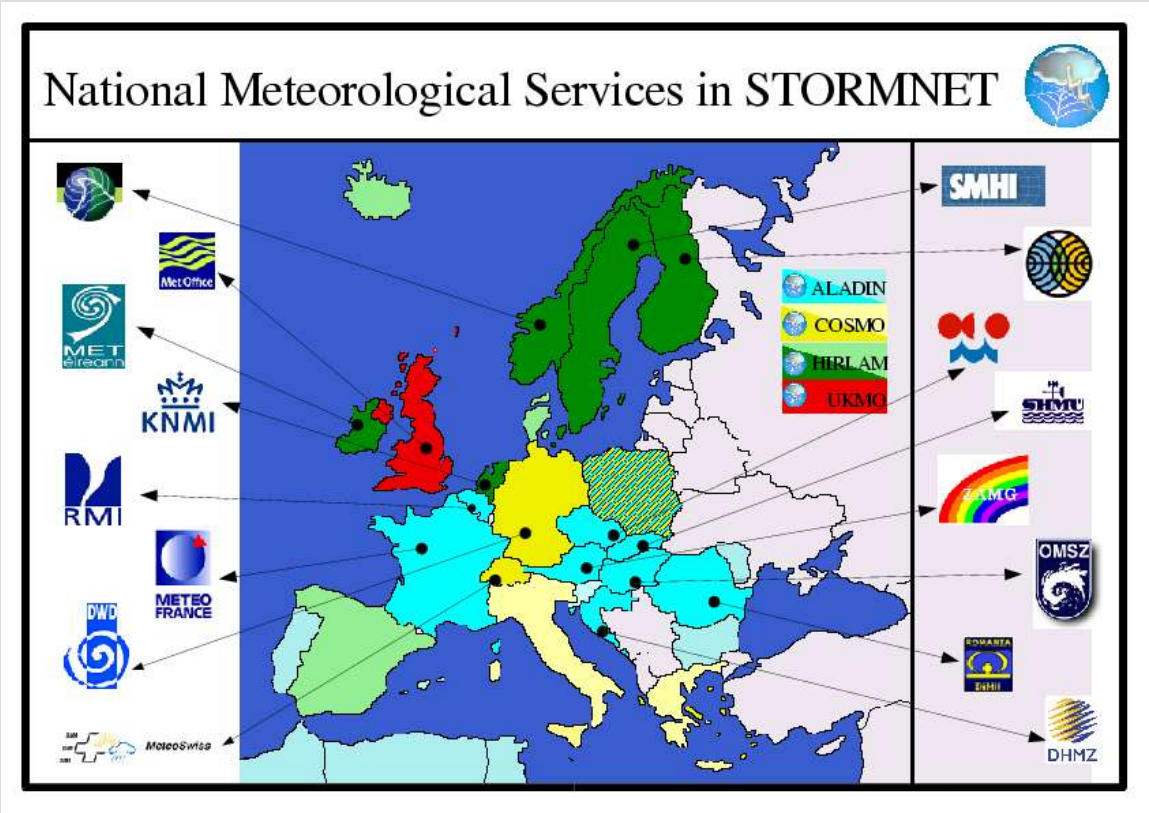
STORMNET !!! well ...



STORMNET partners



- Austria, Belgium,Croatia, Czech Rep., France, Hungary, Romania, Slovakia
  - Germany, Switzerland
- Finland, Ireland, The Netherlands, Norway, Sweden
  - United Kingdom

1st attempt (call of 2nd december 2004) : 16 partners
Next call : 15 partners willing to apply again

Marie Curie Actions call for proposal

- Mob1 - RTN
- Publication
  - 17 June 2005
- Dealine
  - 28 September 2005 at 17.00, Bruxelles time !
- Amount
  - 220 M€

- **No new guide for proposers**
- **No proposal submission form**
- **Handbook (3rd version, Nov 2004)**

- **45 M€ in 2004 : 47A/371**
- **230 M€ in 2003 : 37A & 28B /657**
- **A≠A**

http://europa.eu.int/comm/research/fp6/mariecurie-actions/action/training_en.html
http://europa.eu.int/comm/research/fp6/mariecurie-actions/opportunities/proposals_en.html

STORMNET proposal : summary

Local short-range numerical weather prediction (NWP) in Europe is based on high-resolution limited-area models and relies on many, usually small, national teams who joined their efforts within four consortia. Since, on one side there is a continuous need for training early-stage researchers on NWP-related issues, and, on the other side expertise is widely spread among teams, a common and cross education effort appears necessary. The few past initiatives at the level of groups were fruitful but are not enough. Organisation of training should now be thought at a higher level, so as to encompass more schools of thought and more scientific or technical disciplines. This should also tighten links and favour exchanges between teams and groups. An increased training effort is also all the more important since new challenges are emerging. All teams have now to face simultaneously a quick march towards further higher resolution for limited-area deterministic forecast models (involving significant changes in the conception of models and new scientific problems), a parallel improvement of data assimilation systems (as concerns the sophistication of algorithms and the density of observations to be used), an increased effort on the problem of forecasts reliability (both on old issues, such as verification, and on new ones, such as the short-range predictability of local extreme events) and their interaction with other applications. Besides attention must be paid to the design of softwares, so that increased complexity keeps compatible with efficiency and portability (i.e. with an operational application), and with the management of input (meteorological observations) and output data, the volume of which will grow very quickly.

STORMNET outline proposal

- Research program
  - Deterministic forecasting at very high resolution
  - Improved use of local observations for model initialization
  - Evaluation of the reliability of forecasts
  - Complementary aspects
- Training program
  - Local training
  - Training by research work
  - Training for research and operations
  - Training within the research world

- STORMNET has a mean to overcome frontiers
  - Wider range of scientific domains
  - Stronger implication of the academic world
  - Adequate coordination of the training actions
    - “vertical” coordination (per partner)
    - “horizontal” coordination (responsible for training, in charge of relashionship with each consortium)

Evaluation Summary Report (1)

- Scientific Quality of the Collaborative Project
  - 2,9 / 5 (threshold* : 3)
- Quality of Training and Transfer of Knowledge
  - 3,8 / 5 (threshold* : 4)
- Total : 67/100 (threshold* : 70)

** threshold to be get a "A" status (i.e. to be invited to submit a full proposal for the second stage evaluation)*

Evaluation Summary Report (2)

- Scientific Quality of the Collaborative Project
  - This is a proposal which potentially enhances research training and research capacity in a vital area in smaller member states : excellent proposal from a purely scientific perspective.
  - Interdisciplinary and particularly intersectorial aspects are not prominent enough however to satisfy the requirements of this call.
  - Some significant potential partners are missing from the proposal.
  - The project would also benefit from the inclusion of other stakeholders.

Evaluation Summary Report (3)

- Quality of Training and Transfer of Knowledge
  - Five research/education institutes share supervision of the ESRs. Networkwide training course are envisaged once or twice a year for 1-2 weeks.
  - The proposal is a rather narrow training operation with unclear division of responsabilities likely to emerge. There are too many ESRs and too weak a formal educational component to satisfactorily ensure that the quality of research and training is evenly maintained across the network. The extent of interdisciplinarity and intersectoriality in the training is limited by the range of expertise of partners.

Next call ?

- No more interdisciplinary aspects and intersectorial dimensions, more partners ?, stakeholders ?

  ⇨ scientific quality : OK !

- Any proposal to answer the pointed weaknesses in training and transfer of knowledge ?
  - More emphasis on transfer of knowledge : how ?
  - Less ESR ?
  - More clear division of responsabilities for research supervision ?
  - Training experience too fragmented ?
  - ???