

# EUMETNET

The network of twenty-four European NM(H)Ss

EUMETNET and SRNWP: update and  
some thoughts from the Executive Director

EWGLAM/SRNWP Madrid October 2008

**Steve Noyes , Executive Director EUMETNET**



# Briefing from Executive Director

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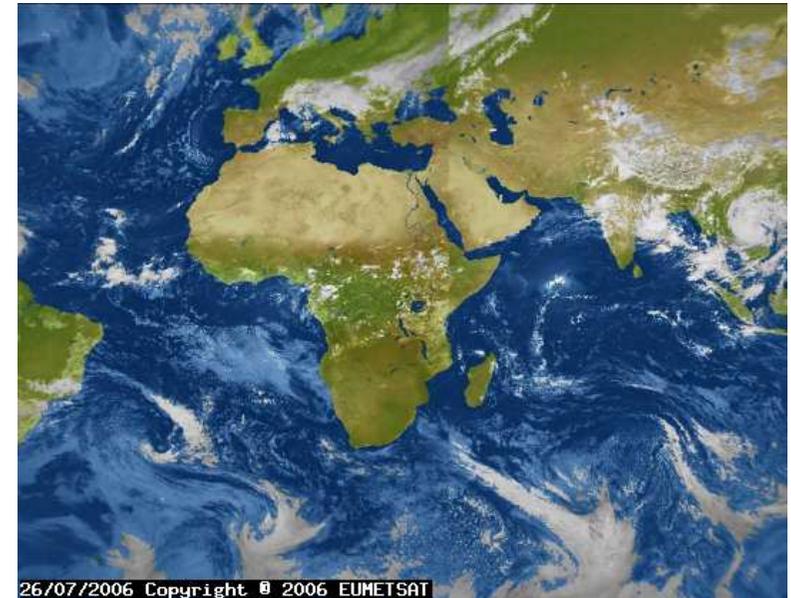
- **Brief reminder of EUMETNET's current mission**
- **Council 33 (C33) highlights, including:**
  - Decisions & Actions
  - Status of EIG preparations
  - Strategy
- **Looking ahead to next week's C34 and December's C35**
- **Issues for SRWNP community to consider**

# EMI – an Organisational View

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## The European Meteorological Infrastructure:

- NM(H)Ss
  - All national Meteorological or Hydrometeorological services
- EUMETNET
  - Cooperating NM(H)Ss & EUCOS
- EUMETSAT
  - Satellite observations
- ECMWF
  - Global numerical weather forecasts
- ECOMET
  - Maintain the free exchange of weather data and products within the framework of WMO Resolutions, without adversely affecting competition in the market



# EMI – a Capability View

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**The EMI – a "system of systems" for example it could be:**

- **Observing systems**
- **Climatology**
- **Forecasting systems**
- **IT infrastructure & services**
- **‘Core’ products & services**
- **Skilled people, continuously developing**

**Supported by quality assurance,  
standards and extensive R&D.**

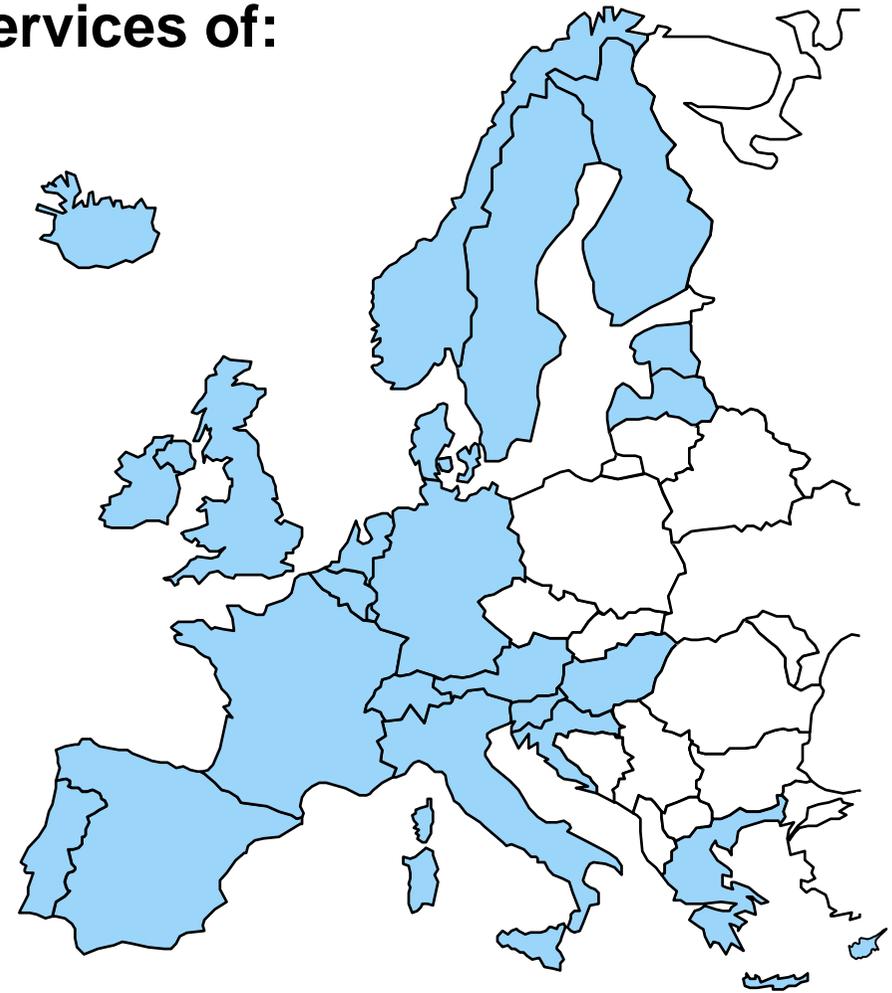


# 24 EUMETNET Members

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## The The National Meteorological Services of:

- Austria
- Belgium
- Croatia
- Cyprus
- Denmark
- Estonia,
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Luxemburg
- Netherlands
- Norway
- Portugal
- Slovenia
- Spain
- Sweden
- Switzerland
- United Kingdom



# Main objectives

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## The aim of the grouping is:

- To enhance the collective and individual value that the members create for their customers
- To increase the quality of ground-based meteorological observations, weather forecasts and warnings over Europe;
- To coordinate political engagement from our community, in particular with regards to the European Union.



# Scope

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**The scope of EUMETNET activities is based upon the core activities of its Members, including areas such as:**

- observing systems
- climatology
- data processing
- forecasting systems
- basic forecasting products
- research and development
- training,



**To facilitate the exchange of know-how and best practice**

**To optimise the use of collective resources:**

- Identifying leading expertise on weather, climate, environment and related activities
- Enabling technical support to the corresponding scientific community
- Ensuring high quality basic data and products

# EUMETNET programmes

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- Focus on delivery
- Offer clear economic benefits (savings or results that cannot be obtained easily by individual NMSs)
- Bring a political benefit by contributing to the build up of a consolidated and efficient EMI

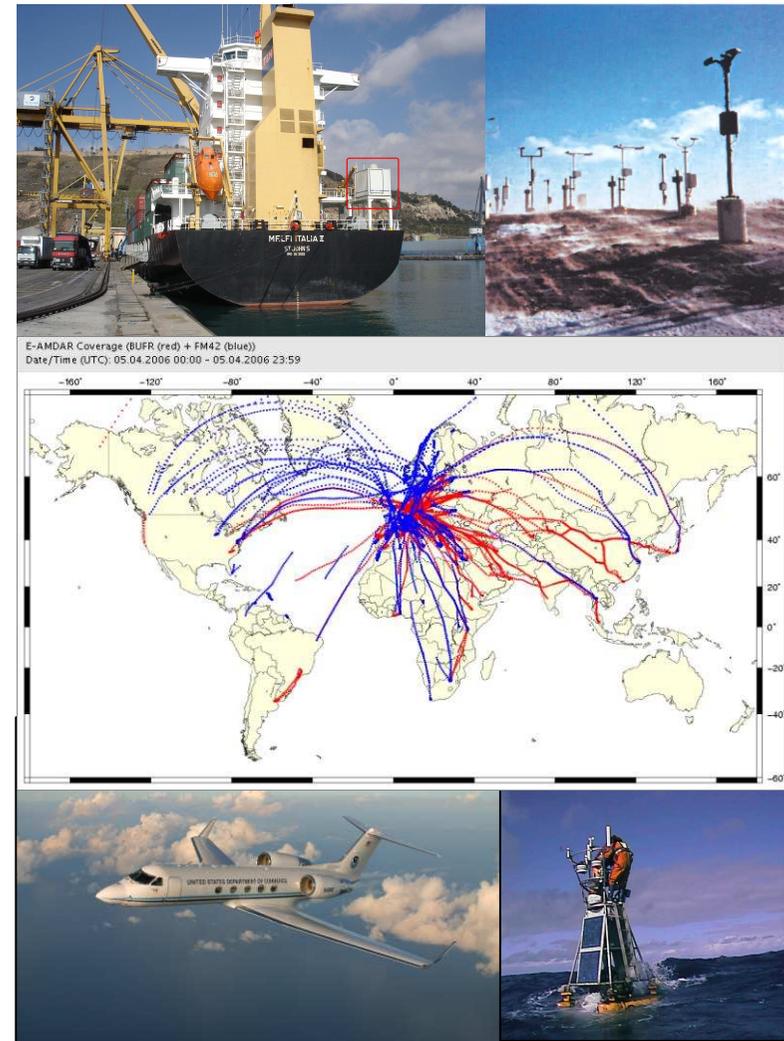


**Through the programmes Members can develop their collective capability to serve environment management and climate monitoring and bring to all European users the best available quality of meteorological information**

# Programmes

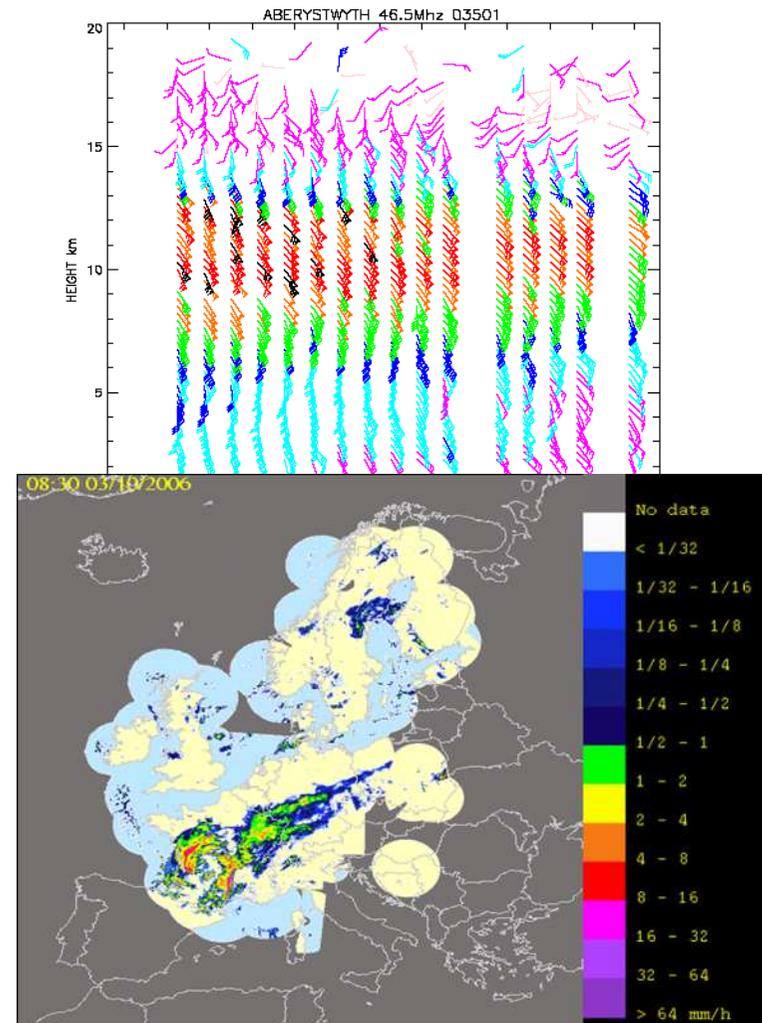
## Observing Systems

- EUCOS\*
  - Framework for optimisation of observing networks, Collective management through integrated and coordinated systems
- E-AMDAR\*
  - Wind and temperature measurements from commercial aircrafts
- E-ASAP\*
  - Soundings from commercial ships
- SURFMAR
  - Surface observations with buoys and Voluntary Observation Ships



# Programmes

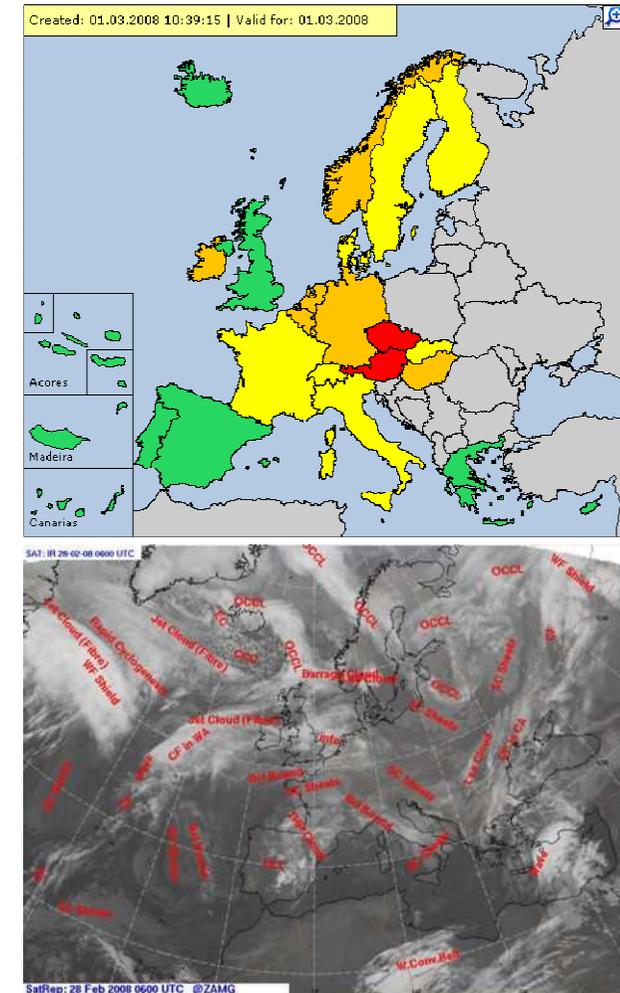
- WINPROF
  - Coordination and exchange of wind profiler radar data
- E-GVAP:
  - measurement of the water vapour content through GPS networks
- OPERA:
  - exchange of meteorological radar data and products



# Programmes

## Forecasting

- EMMA
  - graphical information system for the dissemination and display of Severe Weather Warnings across Europe:
    - “[www.meteoalarm.eu](http://www.meteoalarm.eu)” was launched on 23 March 2007.
- SatRep
  - Operational product containing information of the Infra Red Meteosat image in combination with Numerical Weather Model output and observations in terms of Conceptual Models.
- SRNWP
  - Support to research on Short-Range Limited Area Numerical Weather Prediction



# Programmes

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## Climate and Environment

- ECSN
  - To exchange info, standardise data base access, data sets for research, develop climate applications etc.
- WG-ENV
  - Working group for exploration of potential new activities in the domain of environment in liaison with EEA and GMES Atmosphere Services (GAS)

## Training and Research

- Eumetcal
  - European Virtual Organisation for Meteorological training



# Relations with EC, GMES and other organisations

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## **Programmes**

- EUMETRep
  - Representation of EUMETNET and of its Members in the EC.
- EUMETFREQ:
  - coordination of actions protection of radio-frequencies used for meteorological purposes

## **Working Groups**

- WG-GMES
  - to coordinate Members participation to GMES and GMES related projects
- INSPIMET
  - To address issues of common interest with regards to the INSPIRE directive
- AVIMET
  - Working Group to address issues of common interest within the aviation meteorological domain

# Future

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## **EUMETNET faces many opportunities and challenges**

- Continue to
  - develop the cooperation between Members in order to improve the services and reduce the costs
  - enlarge the EUMETNET geographical area to extend to the whole Europe
  - develop active participation in EC programmes such as GMES and in GEOSS
  - develop the EMI
- Facilitate dissemination and access to meteorological data and products
- Develop a strategy for EUMETNET



# Council 33 - Reykjavik

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## Key issues on Agenda:

- EUMETNET Strategy
- Setting up the EIG
- Data Policy
- EUROGRID next phase
- SRNWP Interoperability
- SRNWP verification
- EUMETFREQ
- EMMA

# Decisions & Actions

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# Decisions

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## **Decision C33.8 (SRNWP Verification)**

**The Draft Programme Proposal was approved and enough members agreed to participate that a new optional Programme will be formed subject to an acceptable Proposal being presented and a Responsible Member appointed. The Draft Programme Proposal together with the Council's comments recorded in the C33 Minutes form the Programme Requirement against which a call for Proposals from prospective Responsible Members will be made. The Coordinating Office will circulate a Call as soon as possible with a view to finalizing the selection of the Responsible member and approving the Final Programme Proposal at C34. This programme will run for two years starting 1st of November and the budget ceiling was accepted to be 32 000€/year.**

**Decision C33.9**The final Programme Decision was accepted, with no modifications. The accepted document can be found from the Council Working Area ([9-C33 Doc3 C-SRNWP Decisions.pdf](#)).

# Actions

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## **Action C33.2**

**The Coordinating Office and PM for C-SRNWP should work with the aim of integrating more closely the SRNWP Programmes to simplify governance, improve efficiency and enhance benefits.**

# Council 33 – Key Points

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- Strategy still a long way from being resolved
- EIG not agreed
- GMES Data Policy approved in principle but more detailed work needed
- EUROGRID not agreed
- SRNWP interoperability RM approved
- SRNWP verification proposal approved
- EUMETFREQ continuation approved
- EMMA approved partly

# STRATEGY

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## **Council feedback:**

- Need to develop the definition of the EMI further
- Need to clarify the role of EUMETNET within the EMI
- Once we are clear on the role of EUMETNET (if any), then:
- Identify the best structure for EUMETNET to fulfil its role
- Council have formed a task team to take forward EMI definition and EUMETNET Strategy
- Task team has prepared material for a Council workshop on 17<sup>th</sup> October
- A further task team will develop the data policy for resubmission to Council in December (C35)
- Strategy and legal status unlikely to be approved by Council before the May 09 Council meeting
- Council remain enthusiastic over improved governance and stronger role for sub-committees (e.g. Observing, Forecasting, Climatology, IT)

# Looking Ahead to C34 & C35

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## C34

- Mostly observations programmes
- Draft Budget
- EU issues
- Strategy Workshop the day after C34

## C35

- SRNWP-C report to Council
- SRNWP Verification (RM Selection)
- ECSN Report to Council
- EUROGRID
- Finalise 2009 Budget
- Update on strategy



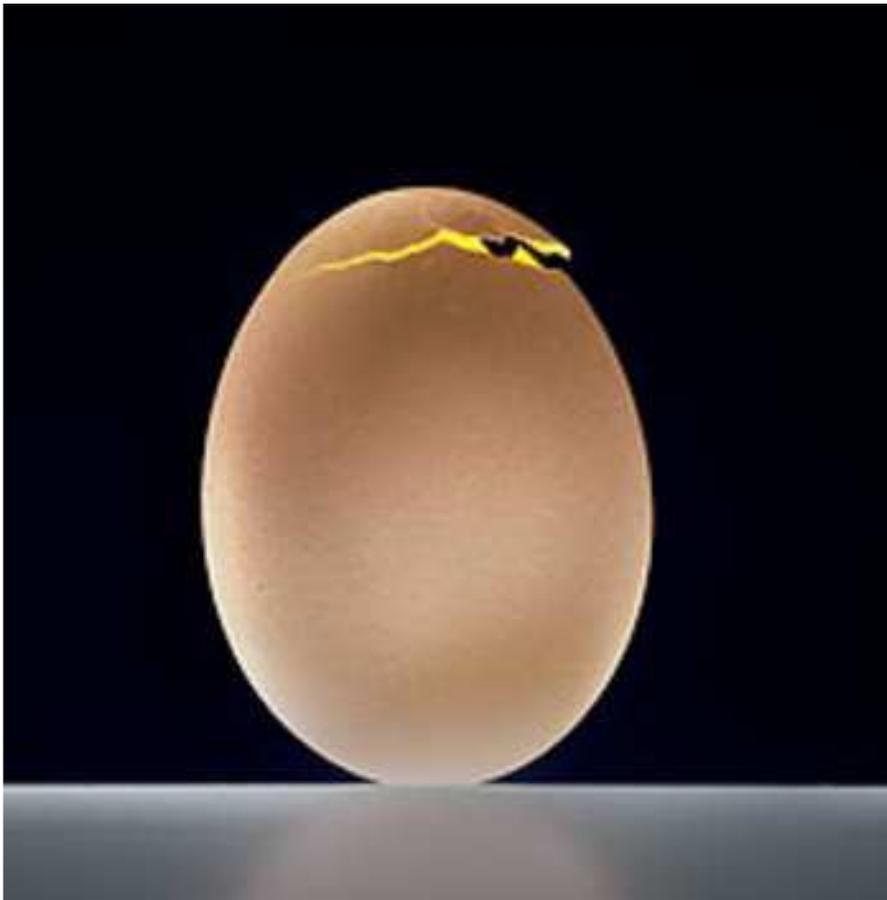
# Impact for SRWNP

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- Are there any ideas / issues you would like me to raise at the Strategy Workshop with Council:
  - When defining the EMI, and
  - When defining EUMETNET strategy
- Council is keen to see more delegation to ‘portfolio boards’ below Council level
  - How should SRNWP-C and SRNWP AC evolve?
  - Do we need a Portfolio Board for Forecasting?
- Lack of legal entity may reduce likelihood of EU funding for EUMETNET projects

# The Future for SRWNP?

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- Future role of SRWNP-C and SRWNP AC
- SRWNP future relationship with EUMETNET Council
- Integrating all forecasting capabilities into the EMI
- Response to evolving EU issues
- Linkage to ECSN and PB-Obs?
- Linkage to WMO programmes

