

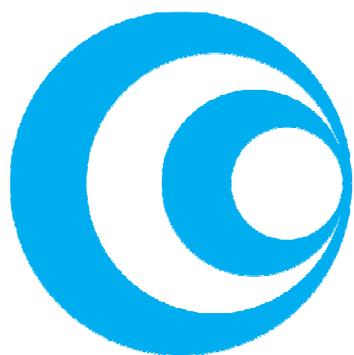
ICEED Presentation December 2009

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Executive Director

The Network of European Meteorological Services

Overview

- Update on EUMETNET
 - EIG
 - Strategy
- Programmes
- Benefits and opportunities for ICEED Members
- Some questions



EUMETNET
EUROPEAN METEOROLOGICAL SERVICES NETWORK



EUMETNET Economic Interest Group (EIG)

- On 17th September 2009, EUMETNET Members have set up the Economic Interest Group (EIG) for all EUMETNET activities
- All EUMETNET activities will transfer to the new EIG by the 1st January 2010.
- Allows:
 - EUMETNET to sign contracts with 3rd parties
 - EUMETNET to bid for projects with the EU
 - EUMETNET to employ staff
 - Simplifies bureaucracy

EUMETNET Mission

To help its Members to develop and share their individual and joint capabilities through cooperation programmes that enable enhanced networking, interoperability, optimisation and integration within Europe; and also to enable collective representation with European bodies in order that these capabilities can be exploited effectively.

From EUMETNET Strategy

EUMETNET Vision

By 2020 EUMETNET will have enabled its Members to provide a cost efficient, world-class, shared infrastructure that is significantly more interoperable and integrated with shared basic services. These improvements will enable Members to better fulfil their official duties, enhance their individual capabilities and provide a basis for Members to deliver, collectively, joint public information services at the level of the EU and the EEA.

From EUMETNET Strategy

EUMETNET Strategic Goals

The following are the 3 strategic goals of EUMETNET over the next 10 years:

- Improving efficiency of EUMETNET elements of the EMI through EUMETNET programme activity and by moving towards shared services, where appropriate.
- Investing collectively through EUMETNET in science, technology and skills for the future.
- To be an essential partner for EU/EC and its bodies, whenever the implementation of EU policies require capabilities and services from the meteorological community.

What is a 'shared service'?

“Shared Services” refers to the provision of a service by one or more Members of EUMETNET, or in some cases shared out-sourcing of a service to a 3rd party (e.g. ECMWF).

The shared service will be made available to the whole of EUMETNET, although at first, not all may be ready to use the shared service.

The aim is to reduce unnecessary duplication and provide opportunities to Members for improved efficiency in infrastructure and in turn, services to end users.

Thus the requirements, funding and resourcing of a shared service will need to be coordinated and the responsibility for managing the delivery of the service given to a single authority (one Member or a consortia of Members) within EUMETNET (note this does not mean in Brussels but at a location within EUMETNET).

The key is the idea of 'sharing' within EUMETNET.

25/26 EUMETNET Members

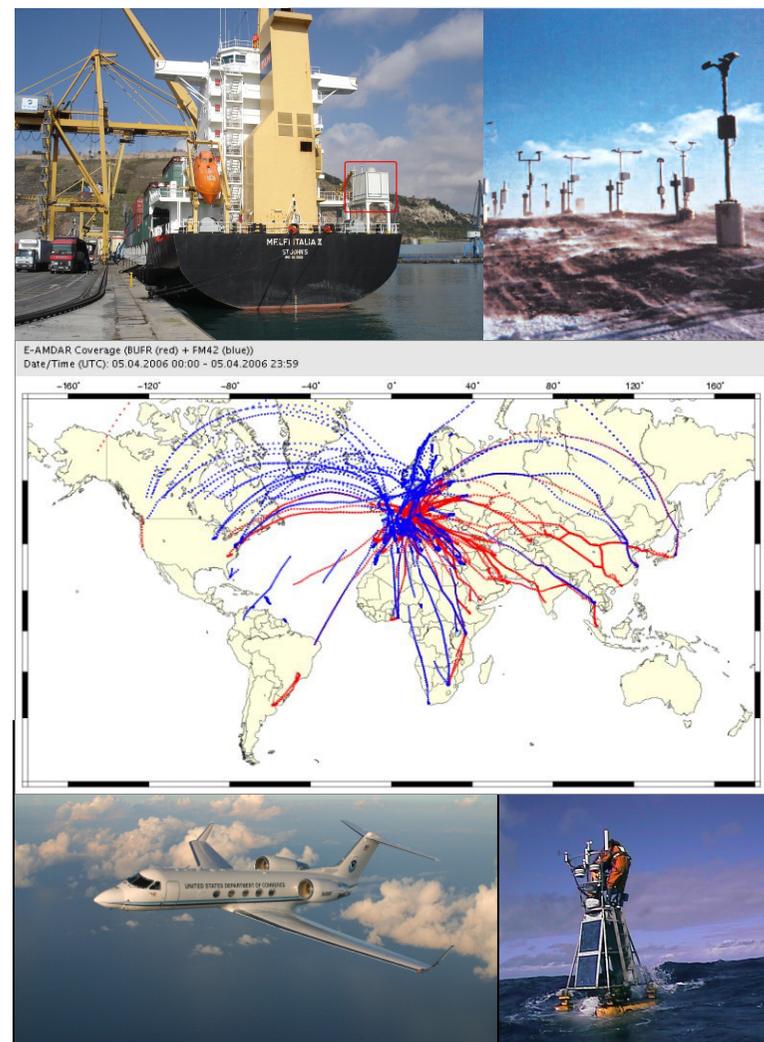
The National Met Services of:

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



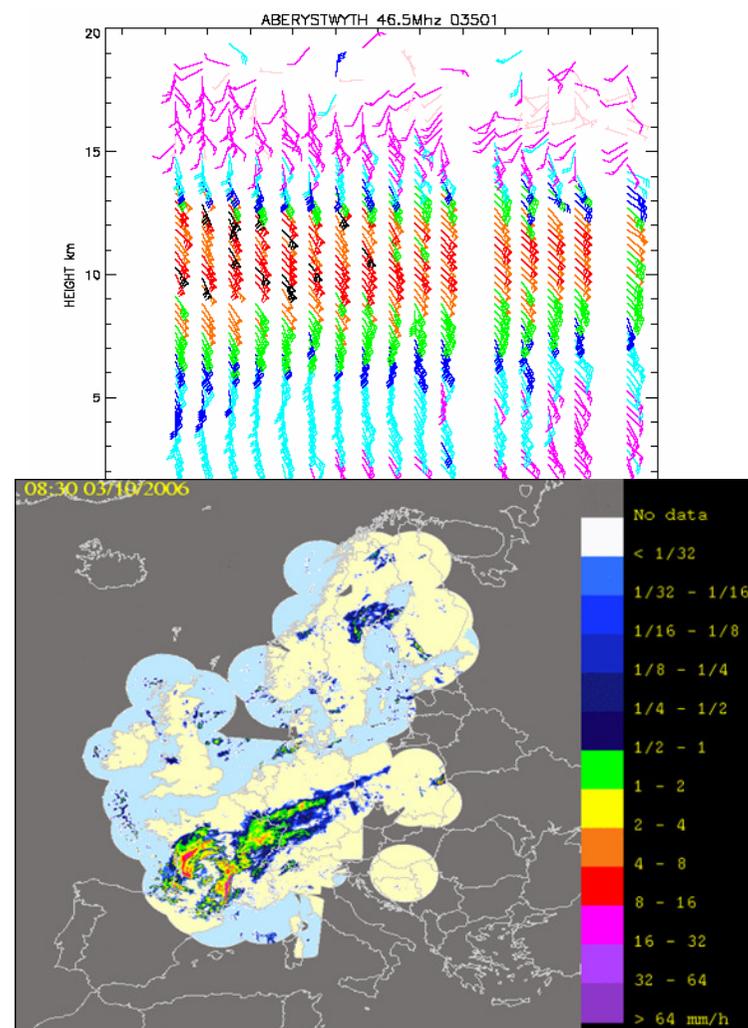
Existing Programmes

- Observing Systems
 - EUCOS*
 - Framework for optimisation & collective management of observing networks
 - E-AMDAR*
 - Wind and temperature measurements from commercial aircraft
 - E-ASAP*
 - Soundings from commercial ships
 - SURFMAR
 - Surface observations with buoys and Voluntary Observation Ships



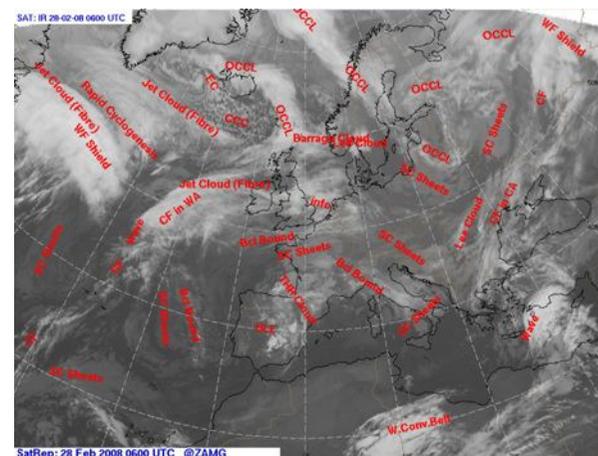
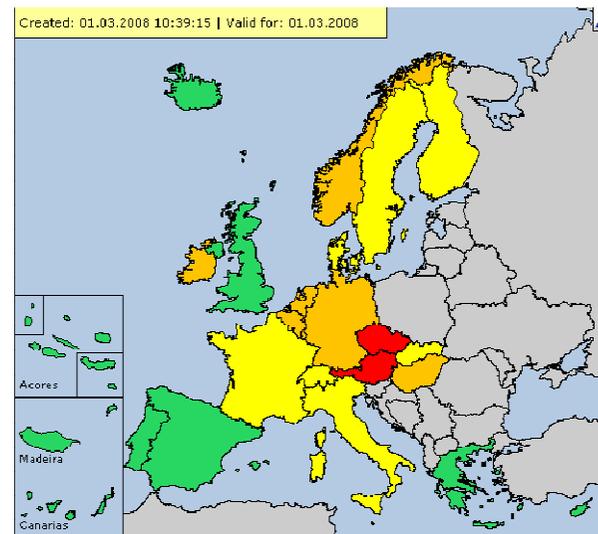
Existing Programmes

- 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



Existing Programmes

- Forecasting
 - EMMA
 - graphical information system for the dissemination and display of Severe Weather Warnings across Europe:
 - “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

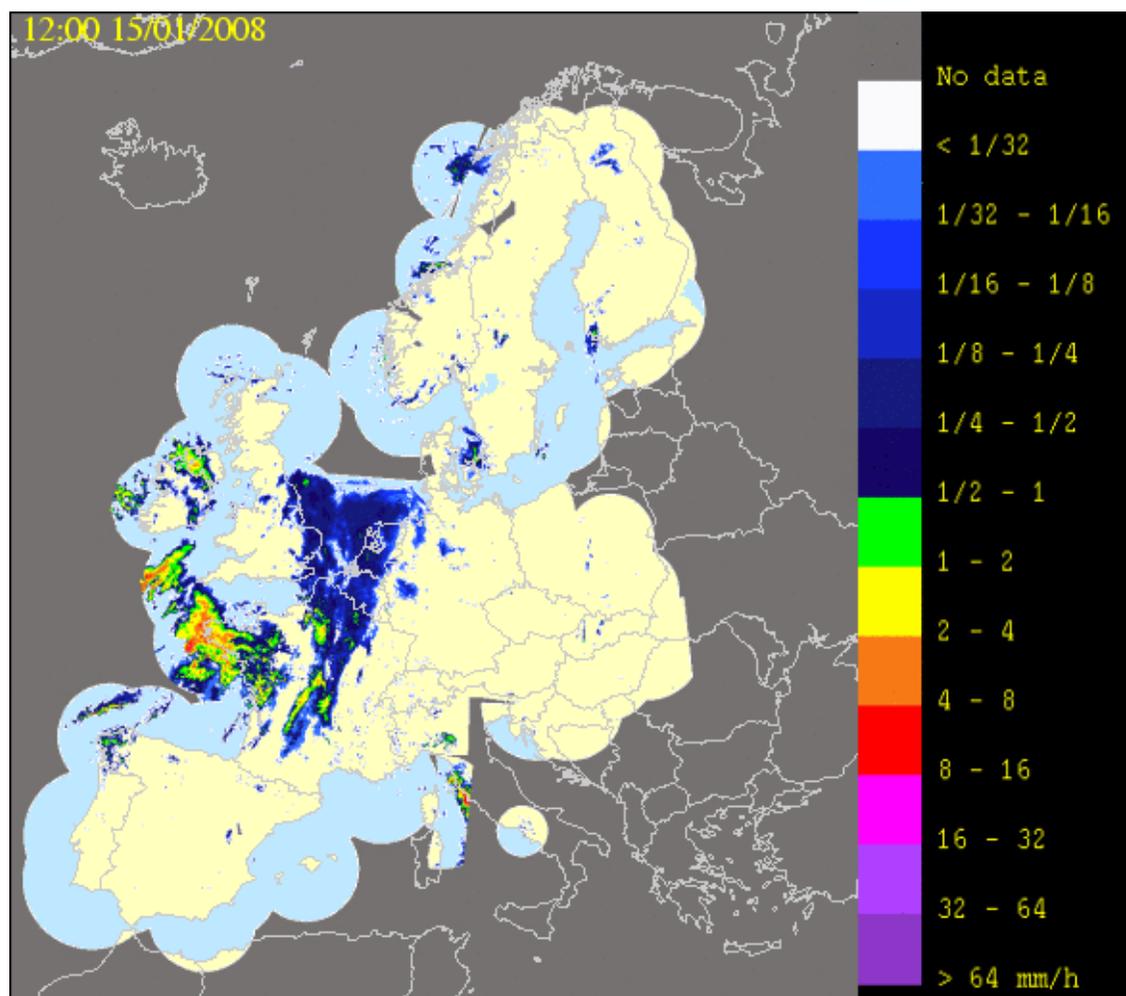


Existing Programmes

- Climate and Environment
 - ECSN
 - To exchange info, standardise data base access, data sets for research, develop climate applications etc.
 - EUMETGRID
 - Developing European gridded climate data sets from observations for climate services
- Training and Research
 - Eumetcal
 - European Virtual Organisation for Meteorological training



OPERA – European weather radar



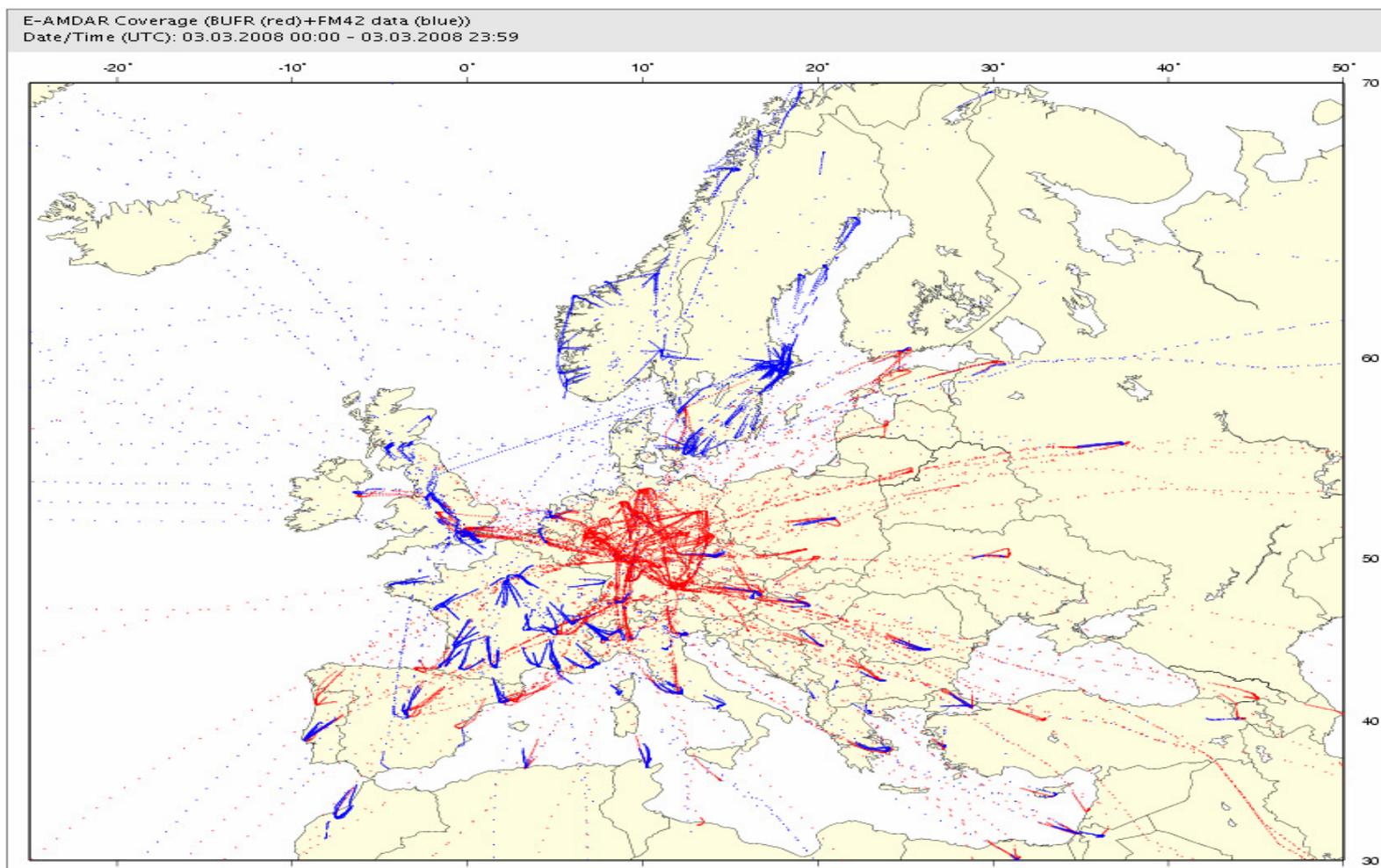
- Complex system,
- Integration of national data sets
- High volume data
- High frequency updates
- Real – time access
- Animation of time series

E-AMDAR: the aeronautical segment



Responsible Member: SMHI

Typical E-AMDAR daily coverage



What are the main benefits and opportunities for Eastern European NM(H)Ss?

- You are inside the strategic debate and not outside it
- You can participate in programmes
- Opportunities for sharing
- Your infrastructure becomes an integral part of the EMI
- You can promote regional policy issues into a European context
- Provides an opportunity for optional programmes tailored to your needs
- You can be involved in our propose EU FP7 projects
- You will benefit from the work we do with SES and SESAR
- Gives you access to skills, knowledge, techniques, best practice in a wide area of core capabilities

Some questions for you!

- You get out of it what you put in! Why is active participation from the region low?
- Is there a regional agenda that needs to be better integrated in to the wider European one?
- Are the existing programmes optimised to offer you maximum benefit or is there room for improvement?
- Could EUMETNET be of better value if it included specific programmes tailored to your needs?
- Few programmes are led by ICEED members, how could this situation be improved?

Contact Details

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