

Eumetcal

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This presentation

- Structure and content
 - Eumetcal: compact tutorial (context and background)
 - Recent activities and future plans
- Some terminology
 - E & T = Education and Training
 - NMS = National Meteorological Service
 - Participant = a NMS participating in Eumetcal

Eumetcal history and background (1)

- E & T project of EUMETNET (co-operation body of European NMSs)
- Roots: EC-funded EUROMET project
- Multi-phase implementation
 - 2002-2003 (pilot phase)
 - 2004-2007
 - 2007-2012
 - 2013-2017 (proposed, to-be-confirmed)
- Coordinating Member FMI throughout

Eumetcal history and background (2)

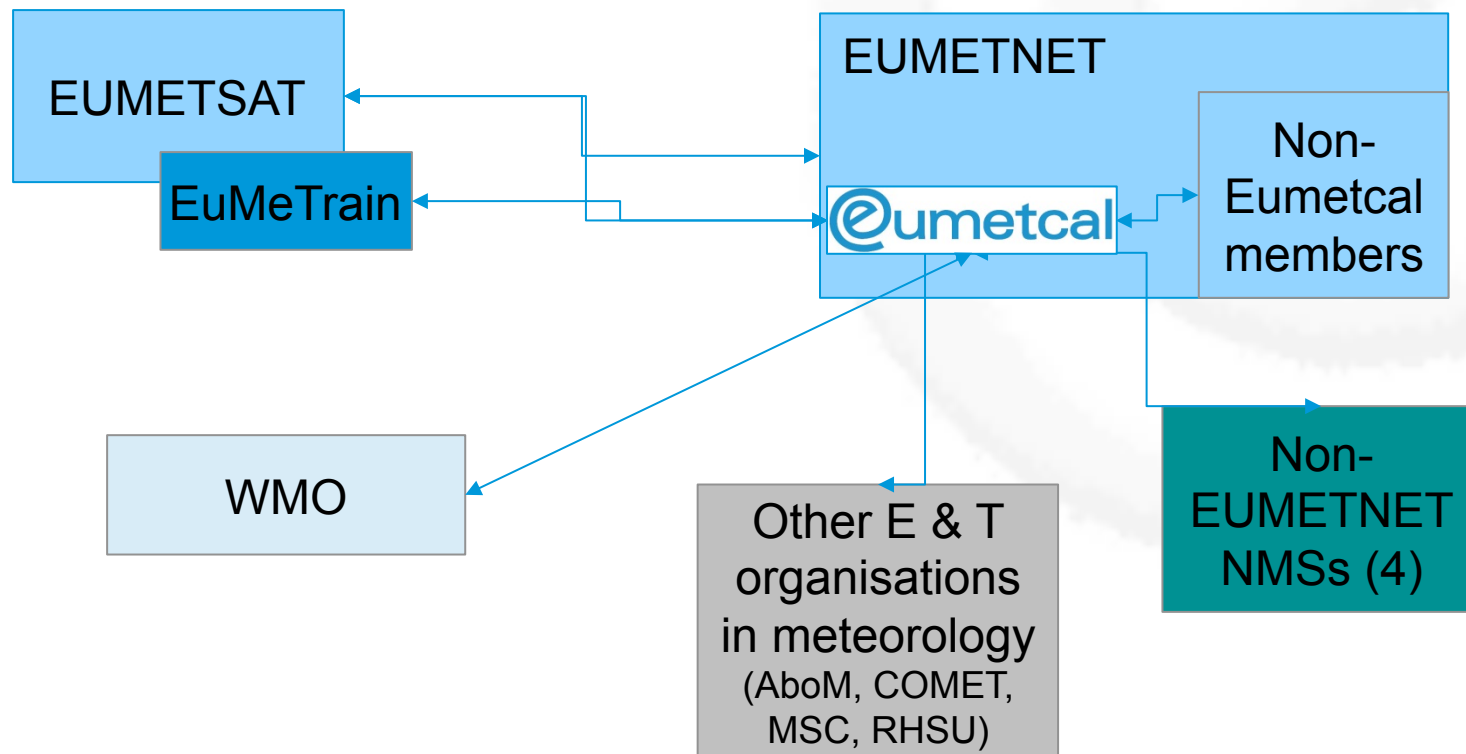
- EUMETNET **optional** project
 - 24 (not all) Members participate
 - Participants need to be attracted and kept
- In so-called **Forecasting Capability Area**
 - Emphasis so far in **E & T of forecasters**
- Funding:
 - EUMETNET participants,
 - EUMETSAT
- Other resources: in-kind contributions



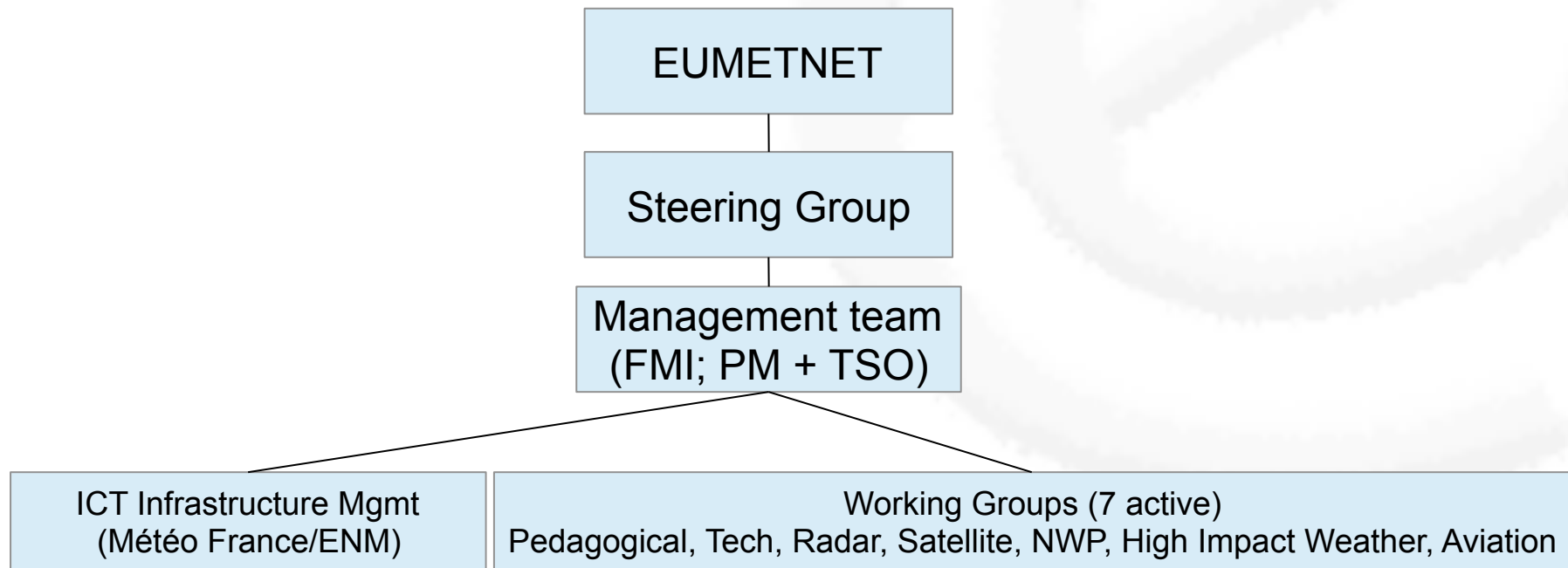
Eumetcal's role(s) include

- Support of the professional development of meteorological staff in Europe
 - through a **virtual E & T organisation**
 - using **co-operation** to
 - leverage more **added-value from limited resources**
- Supplement and complement, **not** duplicate or replace participating NMSs own efforts
- Train both operational personnel and (their) trainers

Eumetcal: connected and collaborating



Eumetcal Phase III internal organisation



Mode-of-operation

- Eumetcal does not implement E & T events itself – participants are invited to do it
- Participants contribute facilities and personnel primarily as in-kind contributions
- Eumetcal contributes coordination, support and expertise, on occasion partial funding
- WGs/ETs in key expertise roles in E & T event planning and implementation
- Strong emphasis on online, e- and blended learning
- 2-4 E & T events per year

Current Eumetcal (ICT) infrastructure

- Web(sites)
 - www.eumetcal.org
 - www.eumetnet.eu
- Learning Management System
 - **Moodle**
- Authoring tools
 - **Scenari**
- Learning materials repository
 - **IntraLibrary**
- Videoconferencing and remote lecturing
 - **Saba Meeting**
(a.k.a Centra; with EUMETSAT/ EuMeTrain)

Eumetcal E & T events in 2011

- Forecasters Meet Aviation Users
- With EuMeTrain:
 - Principles of Satellite Meteorology – Satellite Image Interpretation Applications.
 - Synoptic and Mesoscale Analysis of Satellite Images

Eumetcal E & T events in 2012

- Eumetcal workshop
 - Mar 2012 in Exeter
 - Training the trainers
- Expanded version of *Forecasters Meet Aviation Users* in Autumn of 2012



Eumetcal E & T events in Phase IV

- Topics selected based on input from Project Participants, EUMETNET and other stakeholders
- Sample of tentative E & T events and topics
 - Radar (in planning)
 - 2013 Eumetcal Workshop
 - Location, timing and theme TBC (probably in the 2nd half)
 - Continued satellite E & T collaboration with EuMeTrain
 - Request for Probabilistic Forecasting E & T

Eumetcal in Phase IV: forecasting **and** observations & climate?

- Survey among stakeholders and interested parties in early 2013
- Expansion proposal to EUMETNET
 - Activities
 - Target audiences
 - Funding
- EUMETSAT interest
 - Satellites and climate topics?