



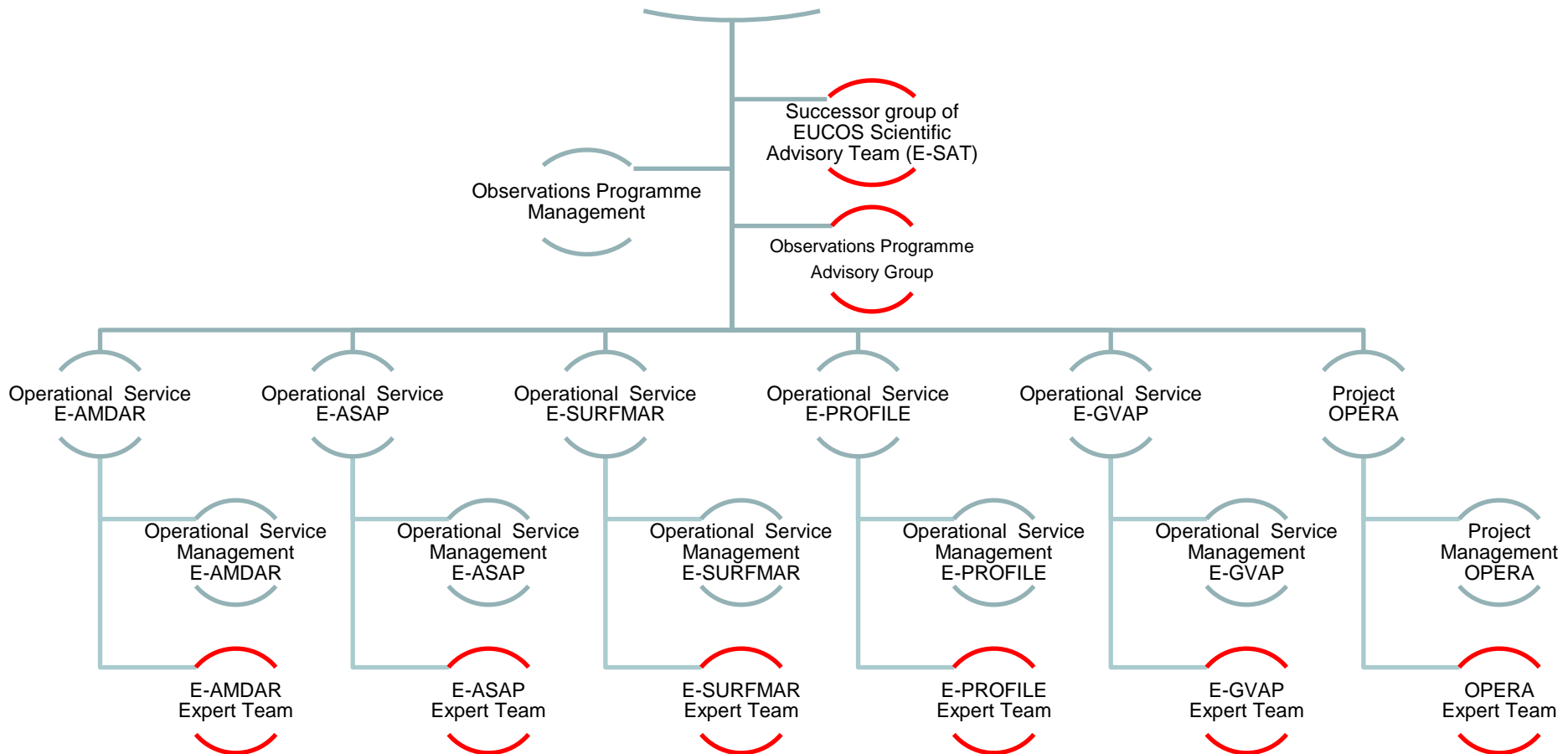
# Observations Programme Status report

E-GVAP Expert Team Meeting  
Exeter, 22<sup>nd</sup> - 23<sup>rd</sup> October 2014

OBS Programme Management Team:  
Stefan Klink, Sabine Hafner, Tanja Kleinert

# Observations Programme structure

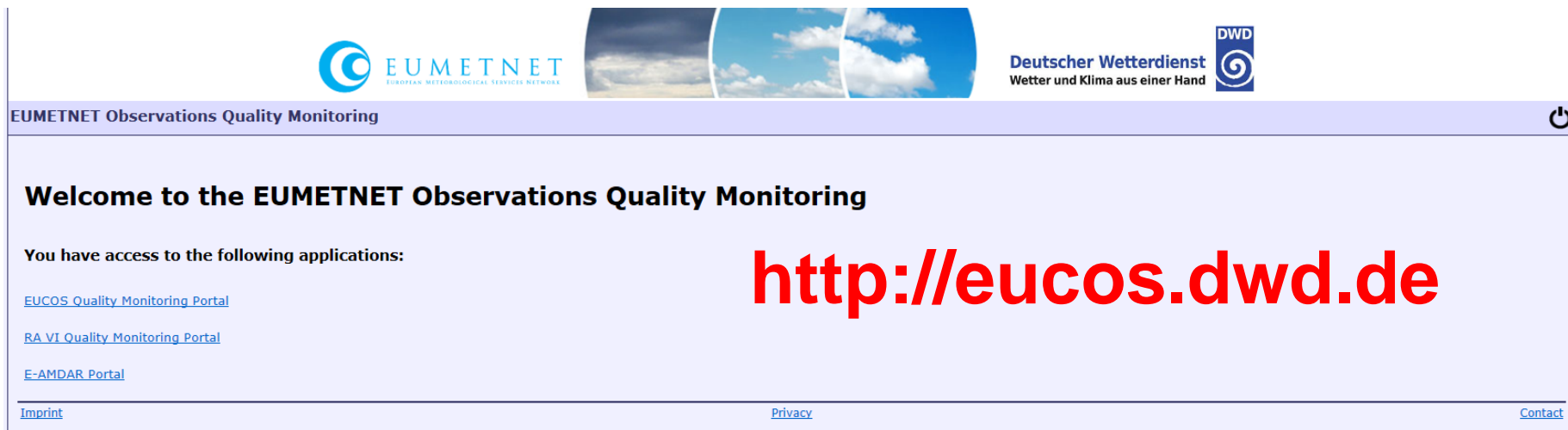
## Observations Programme



# QM Portal access for E-GVAP members

## Changing of the EUCOS and RA VI Quality Monitoring Portal (QMP):

- Access for users outside NMSs in spring 2015 possible, but only for the E-GVAP folder



The screenshot shows the EUMETNET Observations Quality Monitoring portal. At the top, there is a header with the EUMETNET logo, a decorative image of clouds, and the logo of the Deutscher Wetterdienst (DWD) with the text "Wetter und Klima aus einer Hand". Below the header, the main content area has a light blue background. It starts with the text "Welcome to the EUMETNET Observations Quality Monitoring". Below this, it says "You have access to the following applications:" followed by three links: "EUCOS Quality Monitoring Portal", "RA VI Quality Monitoring Portal", and "E-AMDAR Portal". To the right of these links, the URL "http://eucos.dwd.de" is displayed in large red text. At the bottom of the page, there are links for "Imprint", "Privacy", and "Contact".

**EUMETNET** Observations Quality Monitoring

**Welcome to the EUMETNET Observations Quality Monitoring**

You have access to the following applications:

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- [RA VI Quality Monitoring Portal](#)
- [E-AMDAR Portal](#)

**http://eucos.dwd.de**

[Imprint](#) [Privacy](#) [Contact](#)

# Review EUCOS Performance Standards (II)

## ***E-GVAP observations***

New requirements	New quality monitoring targets
E-GVAP shall provide sub-hourly (30 min) data.	Tighten timeliness target to HH+60 (90%).
	Define accuracy target for GNSS data (work in progress to define appropriate measures).

# Review EUCOS Performance Standards (III)

## 1.E-GVAP GNSS sites

Observations cycle and network as defined by the E-GVAP Programme Proposal for 2013-2017 [**Ref 8**]: GNSS sites are expected to provide at least hourly or half hourly observations.

**Table 11: GNSS data network**

Parameter	Target	Comment
Accuracy measure	TBD	
Percentage of observations received from Network	TBD	
Percentage received by <del>HH+90</del> HH+60 Threshold target.	90%	Targets relates to percentage of data actually received, not expected.
Targets stated in EUCOS Performance Standards Document ObsPMT/PRG/2014_001, version 6		

# Study proposal presented at STAC9 meeting in October in Reading

## 2.2.1.2.2 Effect of E-GVAP data

- This question came in the context of technical solution and lifetime cost as criteria for renewing a network. The wish was to know more about the effect of E-GVAP data. A lot of papers have been published and many presentations have been given about the usage and effect of E-GVAP data in NWP, see Ref 11 – 19.
- A general study about E-GVAP data would be beneficial for both, convective and global scale DA. ECMWF will be able to do this OSE in 2015. An FSO/OSE is necessary if the impact on costs is needed.

# Study proposal presented at STAC9

## 2.2.2.2.2 Effect of E-GVAP data

A general Study is possible, either an FSO or OSE:

- Scenario 1: Control without E-GVAP data and
- Scenario 2: Control with E-GVAP data.

ECMWF is able and willing to do an OSE in 2015. But as there are many studies available we do not propose to make an additional impact study but we propose to do a literature study first.

Possible partners: organisations with enough experience in data assimilation and OSEs,

Costs: approximately 30 k€

Priority: medium

# Status of migration to BUFR/TDCF

As of November 2010 the BUFR exchange became standard WMO practice. The Commission of Basic Systems (CBS) agreed in an extraordinary session in November 2010 on the deadline of November 2014 to stop the parallel distribution of TAC Traditional Alphanumeric Codes (TAC) and Table Driven Code Form (TDCF) data for the category 1 (SYNOP, TEMP, PILOT and CLIMAT) as well as the category 2 (satellite observations) and 4 (marine data).

According to the CBS decision of 2010 TAC data may be used only for the exchange of data between two NMSs under bilateral agreement after November 2014.



# Organisational issues

End of 2014 the current Executive Director Steve Noyes will leave his position at EUMETNET. The new ED will be Eric Petermann from Météo France.

# Contact Details

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