

EUMETNET developments

38th EWGLAM and 23th SRNWP Meeting, Roma, 3 – 6 October 2016

Dick Blaauboer

Future of EUMETNET

- Current phase of the programmes will end 31/12/2018 → extension of one year
- EIG agreement signed in 2009 will expire in October 2019
- New EIG agreement ready by end of 2018 → synchronized with new Programme Phase, starting January 2019
- **European NMHS Strategy Paper 2015 – 2025** , adopted in spring 2016
- **EUMETNET Strategy Implementation Group (ESIG) Report** , adopted in spring → Task Teams to explore new areas for cooperation
 - Task Team on Observations
 - Task Team on MS & RE
 - **Task Team on Services**
 - Task Team on ICT
 - Task Team on Governance

Future of EUMETNET (2)

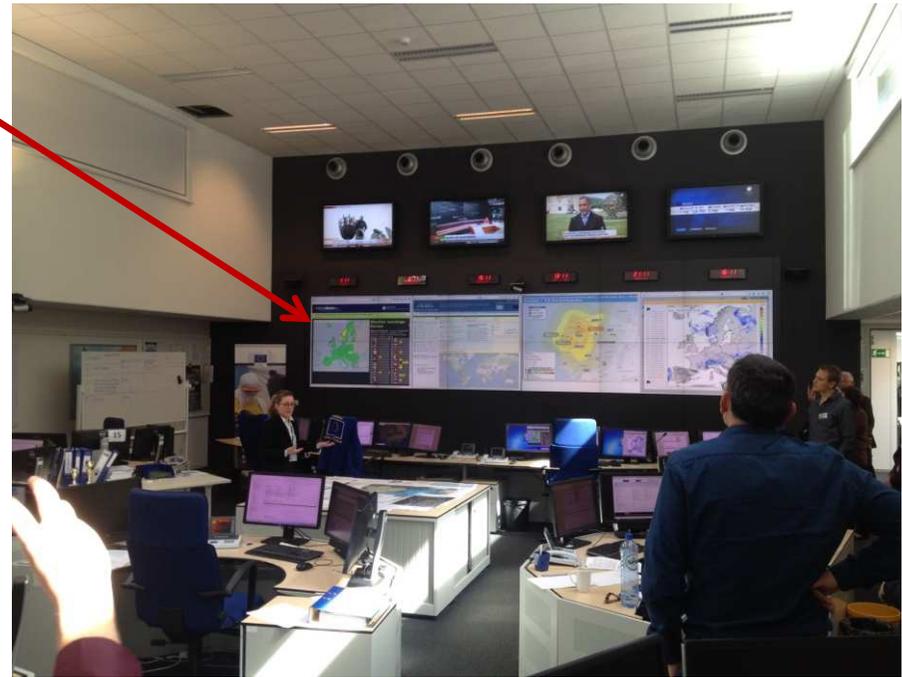
- Task Teams to report at joint STAC/PFAC, 6 October 2016
- TT on services, i.e. including NWP:
 - **Idea 8: Common libraries for seamless gridded Direct Model Output (DMO) post-processing / verification**
 - **Idea 10: Improve public weather services across Europe & impact based warnings**
- Other ideas?

- Most/all projects from Obs Programme will continue
- EMMA/EMMA-H, Eumetcal will continue
- ASIST, SRNWP EPS ?

EMMA, EMMA-H



PM Michael Staudinger



ERCC operations room

- *Meeting at ERCC premises in Brussel 21-22 April 2016*

- Presentation of ERCC
- Importance of Meteoalarm for ERCC
- Discussion of Aristotle, relation with Meteoalarm
- Parallel workshop on CAP implementation issues

- *CAP issue: Many countries are not yet ready to send CAP-codes, target: ready mid 2017*
- *Google test: Technical issues to be solved by end 2016*

Next meeting in De Bilt (?) March 2017, back-to-back with EFAS

- Next phase requirements incl. Storm Naming



PM Alessandro Chiariello

- Involved in 9 courses during 2016
- Partners and new members
 - Update MoC with UCAR/COMET and EC/MSC
 - New partnership with Israel Meteorological Service (IMS)
 - New membership agreement with Montenegro (starting from 2017)
- Expert Team meetings
 - NWP
 - Competency Assessment
 - Training support officers
- Training technical infrastructure
 - Training Portal at www.eumetcal.eu
 - Learning Management System at www.metlearning.eu (for NMSs)
- Communication
 - Social media: twitter, Facebook etc.
 - Eumetcal Update to Focal points and HoF
 - Contribution in The Training Bulletin (with EUMETSAT)



C-SRNWP



PM Balazs Szintai

- Interface of consortia to EUCOS: requirements on observations
- Coordination of (8!) ET's on different sub-domains of (SR)NWP) → basis for cooperation within C-SRNWP and for new activities
- Supporting SEECOP

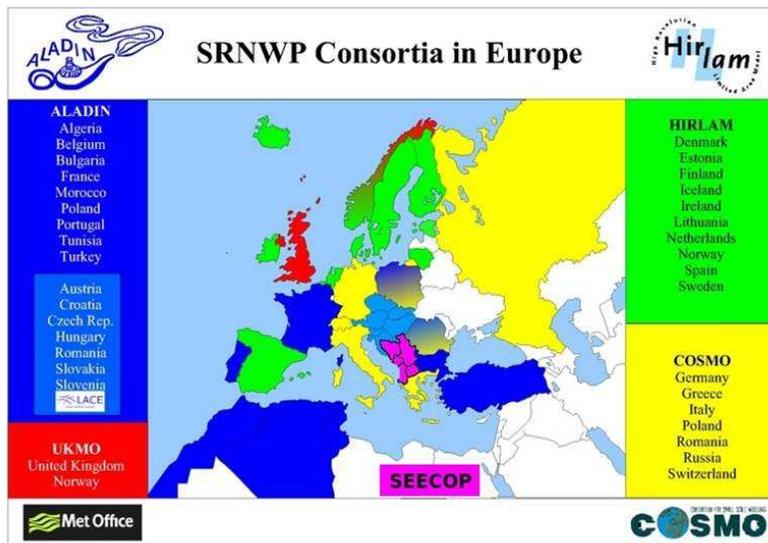
Global lake database: used by all LAM consortia + ECMWF and others, maintained by FMI

Current EWGLAM/SRNWP meeting: COMET, Rome 3-6 October

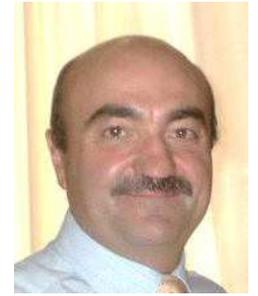
- Session on next phase cooperation including post-processing and verification

Previous EWGLAM:

- New consortium SEECOP
- New countries interested in C-SRNWP



C-SRNWP and SRNWP EPS related



PM José-Antonio García-Moya

Started mid 2015

Application part

- Two fte persons working at COMET and AEMET
- A literature review of calibration and probabilistic methods was done
- A survey among European NMSs about calibration of LAM ensembles for extremes and probabilistic methods was completed
- Stakeholders workshop (2017 or 2018) on use of probabilistic forecast may need additional resources → proposal next STAC/PFAC

Science part

preliminary research plan including coordinated experiments has been established

A successful and well attended workshop was held in Bologna, May 2016. Next workshop will be held in Rome, early October 2016.

EWGLAM discussion: Future cooperation between SRNWP consortia: follow-up on SRNWP EPS II, ambition to join efforts among consortia to face common central problems in SRNWP (EPS) development

- 2nd European Nowcasting Conference: 3-5 May 2017
- Present at WMO Nowcasting conference Hong Kong
- Contacts with EUMETCAL established
- Joint workshop with SRNWWP EPS II will be organized in 2017



PM Yong Wang

- Questionnaire on end-user needs being evaluated;
- Summary document on possible EU calls, an initial list of project ideas has been produced;
- Key topics for discussion with SRNWP-EPS have been identified;
- Project candidates to demonstrate the value of extensive cross-border data exchange have been proposed;
- ET meeting organized on 24 Oct to decide on next steps



World Meteorological Organization
Weather • Climate • Water

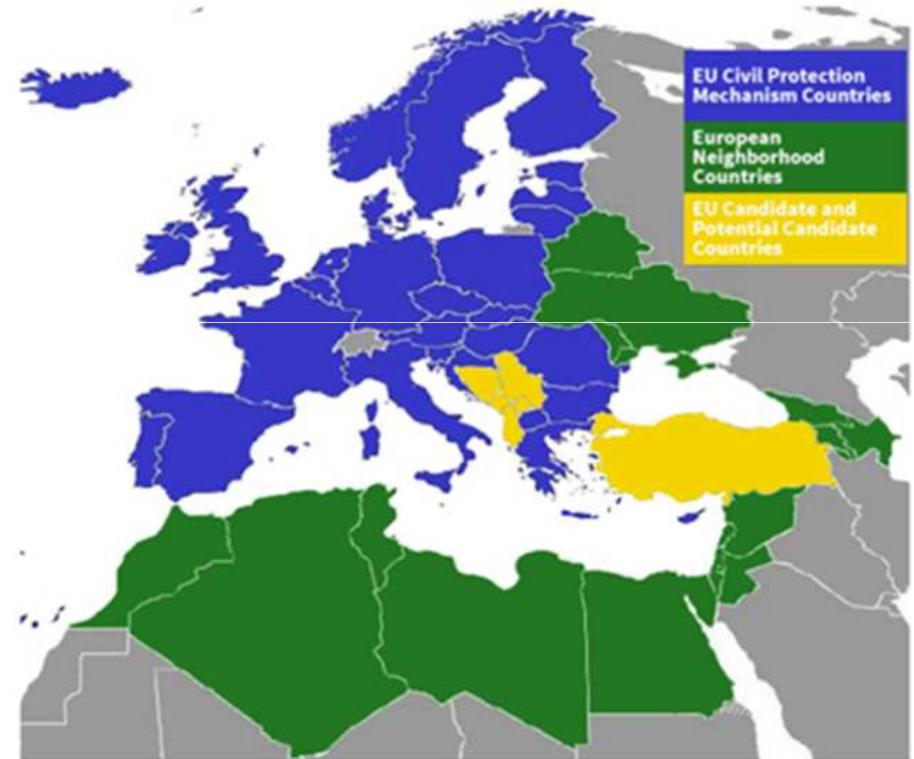
WMO WWRP 4th International Symposium on Nowcasting and Very-short-range Forecast 2016 (WSN16)
25-29 July 2016, Hong Kong

ASIST Expert Team set up, ToR established:

| Expert team | | | |
|----------------------------|-------------|------------------------------|-----|
| Estelle de Coning (SAWS) | Chair of ET | Kathrin Wapler (DWD) | WA1 |
| Yong Wang (ZAMG) | PM | Matteo Buzzi (MeteoSwiss) | WA1 |
| Dick Blauboer (KNMI) | FPM | Hana Kyznarova (CHMI) | WA1 |
| Luis Banon (AEMET) | WA1-leader | Henrik Vedel (DMI) | WA2 |
| Siebren de Haan (KNMI) | WA2-leader | Goran Mihajlovic (RHMSS) | WA3 |
| Alexander Kann (ZAMG) | WA3-leader | Eivind A. Martinsen (Met.no) | WA4 |
| Paul Gundersen (MetOffice) | WA4-leader | Wayne Elliott (MetOffice) | WA4 |
| | | Andre Simon (OMSZ) | WA4 |

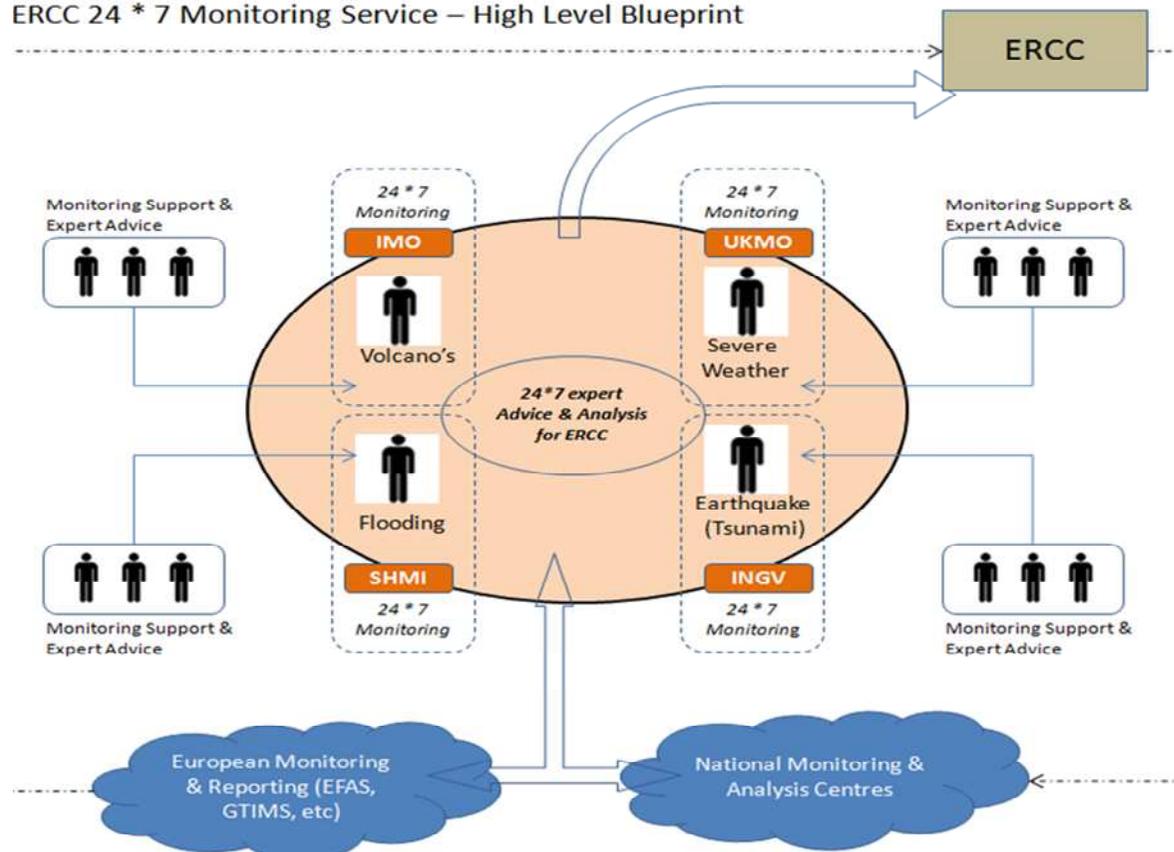
EUMETNET participation in ARISTOTLE

- Pilot Project in the area of Early Warning System for natural disasters
- Financed by DG ECHO/ERCC
- two year project: Feb 2016 – Jan 2018
- Coordination: INGV, ZAMG
- 15 partners: meteo, geo incl. EUMETNET



UCPM countries: EU Civil Protection Mechanisms

ERCC 24 * 7 Monitoring Service – High Level Blueprint



Five tasks:

1. Project Management
2. Creating an inventory of 24/7 services
3. **Creation of a multi-hazard scientific partnership**
4. Provision of (semi-operational) service
5. Training

Liaising with WMO WWRP: workshop Exeter HIW Project

- High Impact Weather project
- Part of WWRP program
- Co-Chairs: Brian Golding, MetOffice and David Johnston, University of New Zealand
- Exeter, 27-29 April 2016



Mission: to promote cooperative international research to achieve a dramatic increase in resilience to high impact weather....

- Relevance of HIWeather to Disaster Risk Reduction and to the UNISDR in particular
- Building sustainable regional/national research in hazard warning systems
- Lesson learnt:
 - **Forecasters of the future: able to work in a multidisciplinary team (partnerships) to achieve maximum value forecasts, meteo, social (health) and economic integrated**

ANYWHERE, H2020

- Follow-up of EDHIT (HAREN)
- <http://www.anywhere-h2020.eu/en/about-anywhere>
- Developing tools for nowcasting of extreme weather to support decision makers in Civil Protection
- PM: Daniël Sempere, Univ. Polytechnia Catalunya (UPC)
- Many participants including ECMWF, JRC, FMI
- Kick-off meeting, Sitges (ES), June 2016
- EUMETNET involved as stakeholder



Thank you!

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GIE/EIG EUMETNET

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