

# News from EUMETNET

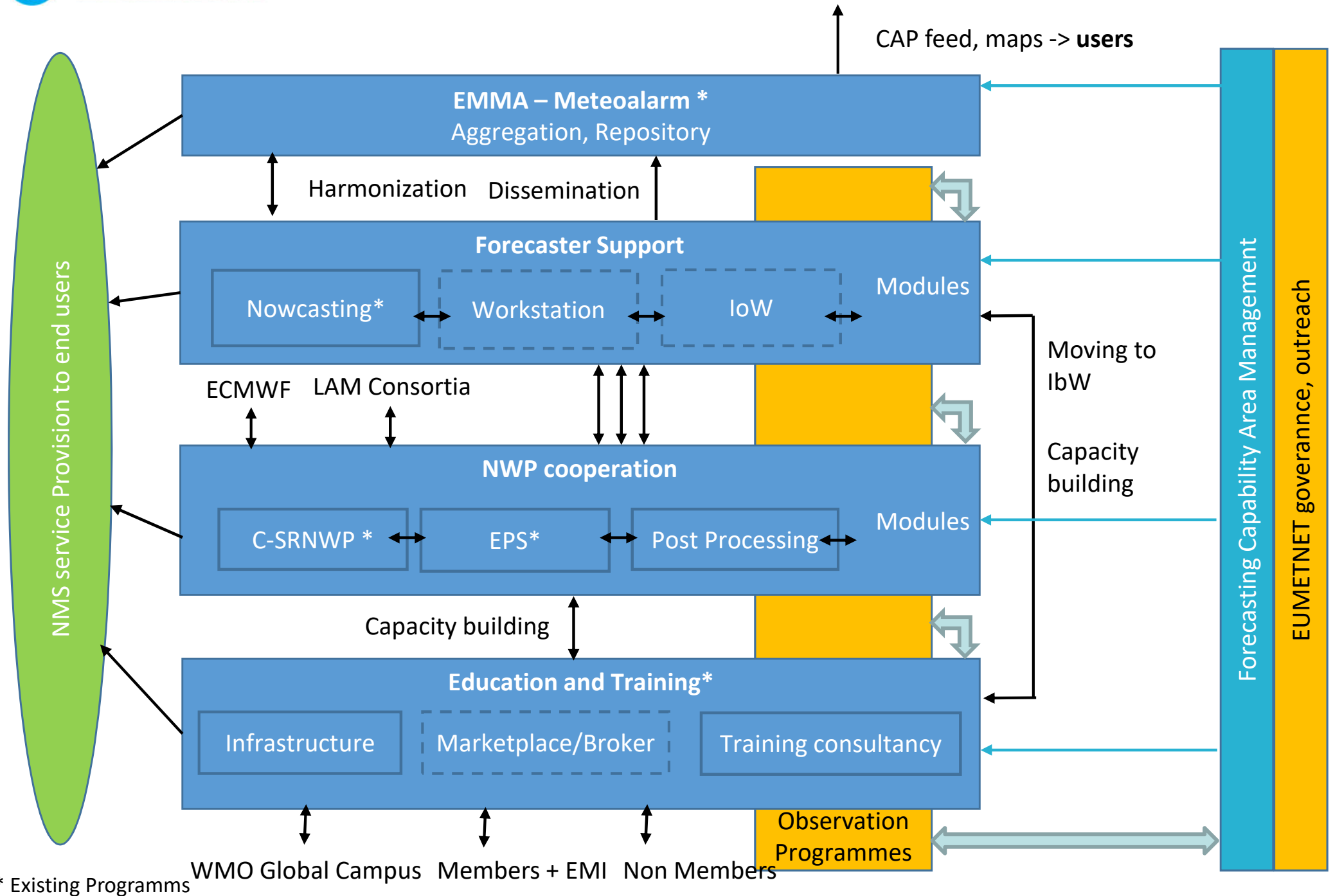
40<sup>th</sup> EWGLAM and 25<sup>th</sup> SRNWP Meeting, Salzburg, 1 – 4 October 2018

Dick Blaauboer

## Preparation new phase 2019-2023

- Last proposal deadline: 1 September 2018
- Proposals received for all programmes except:
  - Education & Training (Eumetcal)
  - Impact based Warning module

# FP Structure and Interfaces (Alternative)



## EMMA (ZAMG)

- Operational service
- Support to Members
- Redesign webpage
- Replacing servers
- Information exchange platform, development api's
- New CAP version
- High resolution warnings
- Enhance cooperation with hydro-partners (prev. EMMA-H)
- Social media, interaction with end users
- Multi-hazard concept
- Contribute to WMO/GMAS
- Extending lead times for warnings

# Forecaster Support

- Nowcasting (ZAMG)
  - Low budget
  - State of the art of current seamless prediction systems
  - Guidelines for developing seamless prediction systems
  - Intercomparison of nowcasting algorithms (2x)
  - Identification of new observation data
  - Identification of observation data, specifically suited for convection permitting modelling
  - Organisation of European Nowcasting Conference
  - Training of (i) forecasters and (ii) end users, cooperation with Eumetcal (2x)
- Impact oriented Warning
  - No bid received
  - Aiming at start later during 2019
  - Start with common definitions, procedures, protocols, methodologies, best practice
  - Verification

## NWP cooperation (RMI)

- C-SRNWP (OMSZ)
  - Next talk, Balazs
- SRNWP EPS (AEMET, REMET/COMET, Arpae/SIMC)
  - New PM: Alfons Callado Pallarés (AEMET)
  - Same set-up: application part, research part
  - Calibration of convection permitting EPS output, focusing on extremes
  - Prob. products for high impact weather: wind gusts, icing, severe convection, wind storms and turbulence, EFI and SOT indices
  - improving the representation of model uncertainties
  - User oriented verification
  - coordinated testing of relevant perturbations on different domains using different MEPS
- Post processing (RMI)

## NWP cooperation (RMI)

- Post processing (RMI)
  - New PM: Stéphane Vannitsem
  - New module developed after workshop in Zürich, February 2018, initiative by MeteoSwiss and MetOffice
  - State of the art review
  - Community-led collaboration
  - Activities: e.g. testbeds to compare methods
  - Workshops on statistical pp and machine learning
  - Training for developers
  - Software and data repositories
  - Standards for data and metadata
  - Strategies and experiences on forecaster-machine interaction
  - Close cooperation with SRNWP EPS on ensemble pp

## Education & Training (Eumetcal)

- Infrastructure
- Training consultancy
- (Market place)
  
- No bids received: new consortium (?), later start (?)
- Baseline project is proposed including infrastructure and training consultancy
- Cooperation with WMO Global Campus, EUMETSAT
- User needs assessment → redesign



## Preparation of new phase: final steps

- October 15-18: discussions in STAC/PFAC, Rome
- November 21-23: final decision by Assembly, Zagreb
- January 1, 2019:
  - start of new phase
  - Entry into force new EIG agreement among 31 Member NMSs

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