

AEMET-V-SREPS:







CONVECTION-PERMITTING EPS











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MULTI-BCS ECMWF / IF.S NCEP / GFS MF / ARPÈGE CMC / GEM JMA / GSM MULTI-NWP HARMONIE-AROME HITTARY MRF ARW NMMB

CHARACTERISTICS

- 2,5 km 20-members convection-permitting LAM-EPS
- Multi-boundary conditions from 5 Global NWP models
- Multi-model with 4 non-hydrostatic NWP models

GOALS

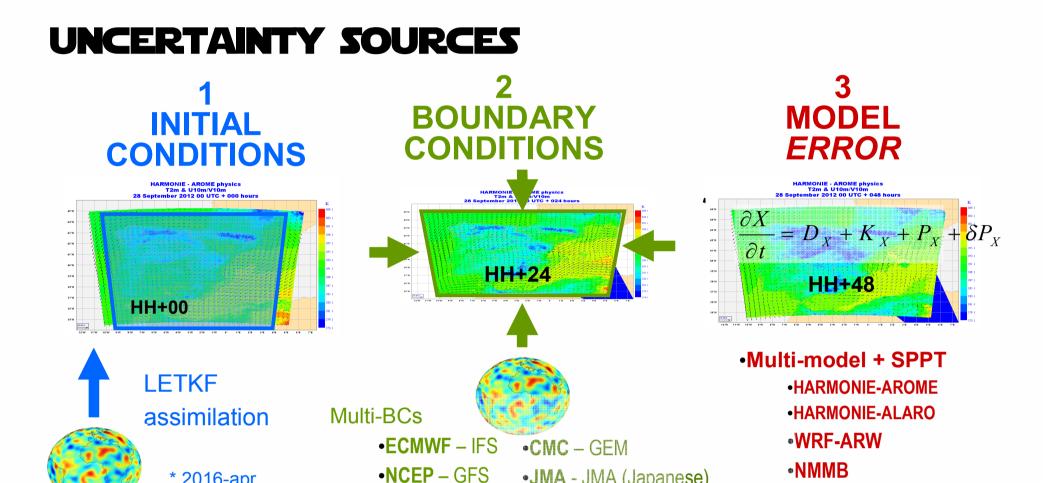
Mesoscale forecasts but estimating uncertainties for:

- Heavy precipitation events
- Convection organization

As MultiBCs

TOWARDS MULTI-BOUNDARIES AND MULTI-NWP MODELS

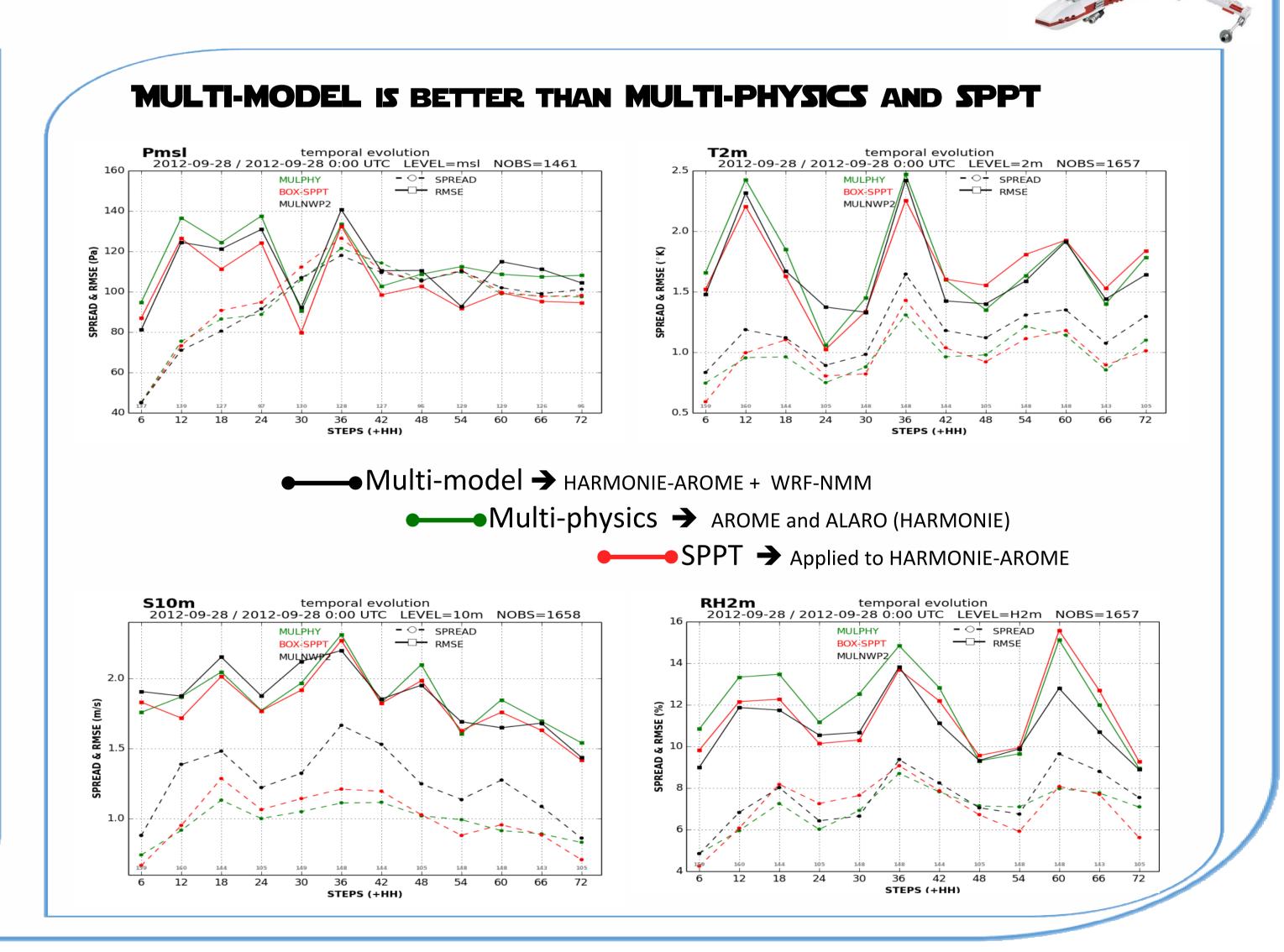
- Orographic effects: e.g. enhancement of precipitation
- Local surface with social impact variables: T2m, RH2m, Winds, etc.

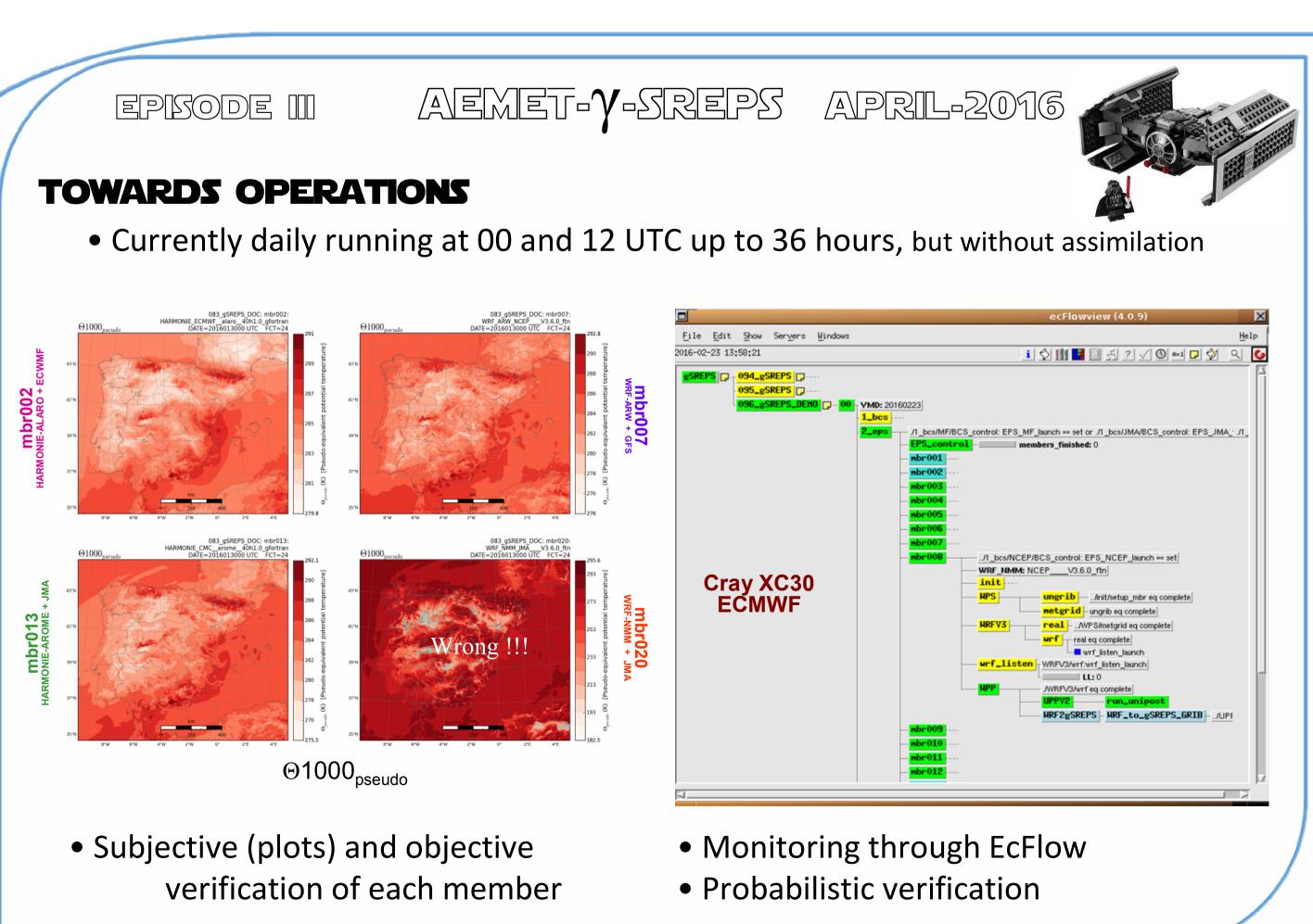


•MétéoFrance – ARPÈGE

* 2016-apr SPPT not yet.

SLAF with ECMWF-DET (16 km) SCHOOLS SCHOOLS - 12m (100 km) (100 km





■ Multi-boundaries ■ SLAF with ECMWF-DET ■ SLAF with multi-boundaries

