

# PP CARMA meeting @ICCARUS 2021, virtual, 16th March 2021

## Agenda

1. Overview on status of the project / Status of work in various services (A. Iriza-Burca with contributions from all participating centers).
2. Update on the feedback file verification (F. Fundel).
3. Other issues / Future of PP-CARMA within CP activity – (A. Iriza-Burca, F. Gofa / All).

## Minutes of the discussion

1. A. Iriza-Burca informs on the status of PP CARMA – many progresses have been made since the last meeting; some centres have already completed their tasks while for other centers task work has been progressed significantly (contributions from all participants).

2. F. Fundel presents the updates on the feedback file verification, with new features included in the Rfdbk capabilities.

3. Other issues / Future of PP-CARMA within CP activity (All)

**3.1** Production of ComA1, ComA2, NoComA – more models will be available for DJF or MAM 2021 with MEC+Rfdbk

**3.2** Other Plots types status: Upper air plots tested for some countries – no problems reported. Will be included in future Common Plot activities.

**Action:** To add directories on COSMO web for Time Series and Upper air plots

**3.3** MCH and FF production (issues: several cycles, ensemble, area, stratification test list of stations)

**Action:** With the information that files can be sorted within the Rfdbk procedure, tests will be done to confirm this. MCH and PL to check also if station list is included in ComA2.

**3.4** Global models FF preparation/Rfdbk status:

- ff are available for ICON global and IFS, but files are very large and produced with the operator for global model (uses smoothing, which implies verification would be done in favour of the global model); a new operator should be introduced; work has started, but it is a problematic issue. More effort required to solve this problem.

**3.5** National station stratifications in Rfdbk or production of Rdata in each service – no problems reported; station list files available for each country.

**3.6** Fdbk\_by\_station plots for NoComA – Feasible

**Action:** Include geographical maps for all national domains for the bystation plots.

**3.7** Nomenclature for Shiny server files – to be decided on by F. Gofa, F. Fundel and A. Iriza-Burca

**Action:** Files with naming procedure already available on CARMA repository. Files will be renamed either within Rfdbk scripts or manually before loading to the website. Same naming has to be followed for the modified Rdata files.

**3.8** Guidelines and final scripts for CP needs - work will begin in the next period, no problems anticipated.

**3.9** More discussions regarding the role of CARMA in CP SPRT activity after Sep 2021 needed. Activities should include:

- Preparation of netcdf obs on daily basis is required by several centers, in order to avoid storage of large data sets  
**Action:** to be investigated and if possible a permanent repository to be found.
- Conditional verification tests  
**Action:** To be discussed during GM2021 and implemented through SPRT activity
  - Incorporate any new Rfdbk versions in CP activity
  - attribute FTEs through SPRT activity**Action:** A proposition to be prepared by WGC and submitted to the STC prior to GM2021

**Final remarks:** F. Gofa and A. Iriza-Burca emphasize that work has progressed very well, with the system installed in most centres and ff production nearing the final stages.