

P&P at Météo-France

Operational versions :

- CY43T2_op3 (15/01/20): snow analysis in Arome-France; OPERA radar data assimilation; new satellite data assimilation (ScanSat1, NOAA-20, Metop-C); new diagnostics for aeronautics in Arpège (CAT, icing)
- CY43T2_op4 (***switch to oper postponed***): new list of ground GNSS in Arp/Aro; assimilation of AMV/GOES-17
- Perspectives:
 - Finalize handover of CY43T2_op4 to Operations (after confinement?)
 - Migration to new HPC: delayed to summer-autumn 2020
 - CY43T2_op5: assimilation of AEOLUS
 - Next scientific e-suite based on CY46T1_bf + operational changes:
 - ▶ PEARP and PEARO have same horizontal resolution than deterministic models; IFS radiation and convection schemes in Arpège and PEARP; snow analysis and sea-ice model in Arpège, etc.
 - ▶ Timing (tbc): over much of 2021; maybe switch to operations by end of 2021

P&P at Météo-France : cycles

R&D Cycles:

- **CY46T1_bf**: v02 not fully validated; attempt to build v03 during confinement time (bugfixes and technical upgrade); later a v04 should follow (wrap-up of CY43T2_op3/op4)
- CY47T1: a technical update + bugfixes would enter a _bf branch (mostly for continuation of DAVAI results)
- CY48: construction in progress with ECMWF; time of declaration likely to shift into May
- **CY48T1 (Oct-Dec 2020)**:
 - still planned for the autumn;
 - MF suggest to use DAVAI + mitraille, and build this T-cycle in a more continuous integration process (rather than a few big merge steps)
 - Call for contributions will be sent to LACE/ASCS, ALARO main contacts; Hirlam System Coordinator; others to contact French LTM (Claude) and ACNA (Mariška)



Merci pour votre attention
