

Report on maintenance activities

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Calendar of IFS and interim cycles

Maintenance = Phasing + code cleaning + technical developments

- CY32: December 06
- CY32T0: February 07
 - LAM 3D-VAR bugfix
- CY32T1: April 07 => *export version*
 - ALARO0 physics + 3MT R&D version

Calendar of IFS and interim cycles (2)

- CY32T2: June 07
 - Surface/atmosphere implicit coupling corrected
 - ALARO0 and HIRLAM physics fixes
 - New AROME physics package (~ 600/1200 files)
 - Adaptations for METOP sensors, scatterometer winds, SEVIRI/CSR, GPS ZTD & R.O.
 - Code for radar reflectivity retrievals and radial winds: monitoring and observation operator
 - Adjoint of SL advection scheme for LAM

Calendar of IFS and interim cycles (3)

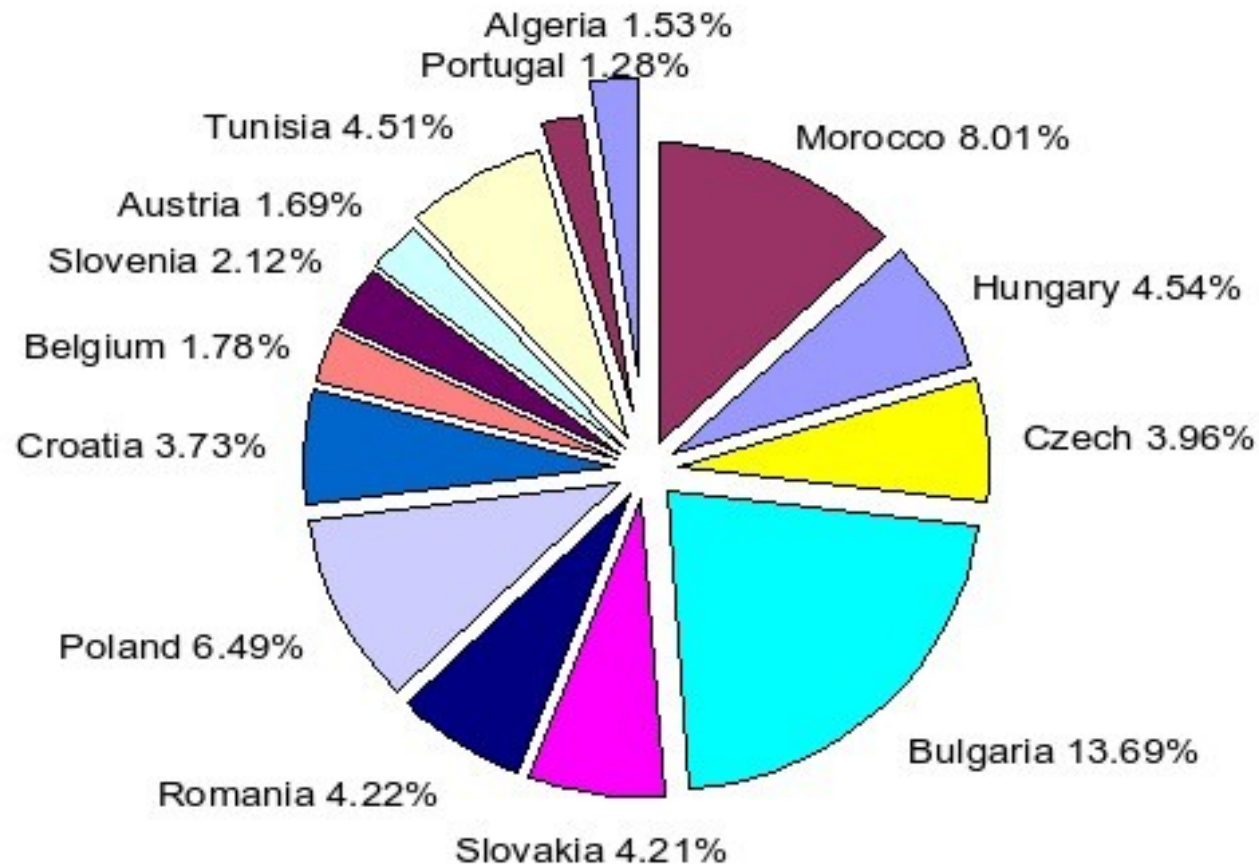
- CY32T3: September 07 => *export version*
 - SURFEX inquiry mode used for retrievals of PBL values
 - ALARO0 physics updated to the CHMI operational version
 - Optimisations in the dynamics (SL/AD, VFE/NH setup)
 - Corrections for radar assimilation
- CY33: December 07 – currently phased !

Calendar of IFS and interim cycles (4)

- CY33T0: January/February 08
- CY33T1: March/April 08
- CY34: start on May 19th, 2008

Part of the phasing effort in total participation

1991-2007



Future ...

- Phasings will continue, including invitations to Toulouse !
- Multiple platform installations, especially on HPCE
- General trend towards more and more foreign source codes, with various linking rules
- Understand and enhance the cooperation with HIRLAM on maintenance issues and phasings
- Enhance real-time networking capabilities
- Impacts from SRNWP/Interoperability ?