

## Operational Forecasts

### ALARO-v1B NH (CY43T2\_bf10)

#### E040 domain:

4.0 km horizontal resolution, 789x789 grid points,  
70 vertical model levels with 3h coupling frequency and 1h output;  
Runs 4 times per day (00,06,12 and 18) with 72 hours forecast range;  
LBC from ARPEGE with 9.4 km horizontal resolution;  
Time step ~160s.

### AROME (CY43T2\_bf10)

#### P020 domain:

2.0km horizontal resolution, 799x799 grid points,  
70 vertical model levels with 1h coupling frequency and 1 hour output.  
Runs 4 times per day (00,06,12 and 18) with 30 hours forecast range;  
LBC from ALARO 4.0 km horizontal resolution;  
Time step ~50s.

## Operational machine characteristics

Cluster of HP BL460c\_GEN8 servers connected with Infiniband network, OS Scientific Linux 6, Intel Xeon E5-2690 processors – with maximum 1552 cores (97 nodes with 16 cores each), each core RAM 128 GB, disc array – 64 TB.