



## **Joint development and operations of Numerical Weather Prediction (Norway and Sweden).**

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MetCoOp (Meteorological Co-operation on Operational NWP) is an operational organization for the Numerical Weather Prediction (NWP) production for the Swedish Meteorological and Hydrological Institute (SMHI) and the Norwegian Meteorological Institute (Met Norway). The common operational production of numerical weather prediction (with WMO center number 251) started 18 March 2014, after two and a half year project period with preparations to the operations. The numerical weather prediction model that runs in operation is the HARMONIE AROME with 2,5 km resolution on a domain covering the area of interest for the two parties. MetCoOp run as a pre-release center (RCR) for cycle 38 of HARMONIE that means that new releases of the version should be evaluated.

Highlights, with relevant issues and solutions, from the project period will be shown, included highlights from MetCoOp memos found here: <http://metcoop.org/memo>

Nice tools for monitoring the model-runs, transfer rates of the data etc. are developed. The common NWP production will be continuously developed to provide the best weather prediction in the common domain. Assimilation of radar data, IASI data etc. are under evaluation and will be included in the operations soon. MetCoOp provide an operational tool for observation monitoring and verification plots for the last 7 days, to follow the use of observations in the model and the quality of the common numerical weather prediction.