

United Weather Centers

Joint HIRLAM Council – ALADIN GA meeting

20 November 2018
Zagreb

UWC purpose

“The primary goal of UWC is to provide the best short-range weather forecasts for the geographical areas of interest. These forecast data will support the National Meteorological Services in enhancing safety and securing life and property for the citizens of the member countries.”

Members: DMI, ESTEA, FMI, IMO, KNMI, LEGMA, LHMS, Met Eireann, MetNo and SMHI. MOU 16 August 2018



Development in two steps and in 2 dimensions

First step - 2022 to 2027 - is an operational collaboration in two consortias.

- UWC East: MetNo, SMHI, FMI, ESTEA, LHMS and LEGMA
- UWC West: IMO, DMI, Met Eireann, KNMI

Second step - [2027 -] in an operational collaboration in one consortium.

A solid background for high ambitions

- HIRLAM community. The common model development
- Operational experience: Met Coop and IMO/DMI Partnership

Preparatory work to be done

- Formulation of model set-up(s) and domains
- HPC life cycle (procurement, operation, maintenance)
- National political/financial context
- IPR, open data policy
- Collaboration on preprocessing
- Collaboration on verification
- Collaboration on physiography

Other issues:

- Cooperation on postprocessing
- Interface and development with other partners such as AEMET, ALADIN and other organizations in the Met-environment
- Interfaces and relations with meteo-environment → ECMWF, (other) LAM consortia, EUMETNET, EUMETSAT, ...

Next step

- **Principle 1:** UWC implements its operational configurations together, irrespective of East/West constructions
- **Principle 2:** Development towards operational model systems is carried out in the HIRLAM/Aladin collaboration
- **Principle 3:** It is our intention to share the results of balancing the operational and R&D needs for a specific CSC with the entire ALADIN-HIRLAM consortium

Thank You