



A Consortium for COnvection-scale modelling
Research and Development

User feedback: collecting and reacting

Carl Fortelius, 31 March- 4 April 2025, 5th ASW Zalakaros & hybrid

Why collect user feedback at ACCORD level

- Our R&D is driven by user needs, and it is healthy to check how users evaluate the meteorological performance of our models
- This evaluation helps focussing on issues that should gain a high priority in our R&D
- User feedback is a part of the ACCORD scientific strategy, and the Members are expecting ACCORD to organize it for the benefit of the improvements of their NWP models

How collect user feedback at ACCORD level

Feedback principally in the form of **use cases**

- Illustrating signal success or failure, or important persistent strengths or weaknesses of ACCORD forecasting systems
- containing detailed descriptions of the case and of the relevant forecasting system
- Reported by **user representatives** nominated by Member institutes
- ACCORD MG take the responsibility of examining the reports and decide on actions
- Reports and response are collected on a **wiki** under the MQA area

The user representatives

- 20 Member institutes representing all CSCs have nominated user representatives:
***ALGERIA:** Zahra Belkacimi, **AUSTRIA:** Alexander Radlherr, **BULGARIA:** Georgi Tsekov , **CROATIA:** Kristina Klemenčić Novinc, **DENMARK:** Sebastian Pelt, **ESTONIA:** Kertu Sild, **FINLAND:** Eerik Saarikalle, **FRANCE:** Fabrice Dupont, **HUNGARY:** Boglárka Tóth, **IRELAND:** Brandon Creagh, **LITHUANIA:** Tadas Kantautas, **NORWAY:** Gunnar Noer, **POLAND:** Agata Wojtkiewicz, **PORTUGAL:** Pedro Sousa, **ROMANIA:** Meda Daniela Andrei, **SLOVENIA:** Timotej Kozelj, **SPAIN:** Alejandro Roa, **SWEDEN:** Anders Wettergren, **TUNISIA:** Bacem Nahali, **TÜRKIYE:** Murat Aca*
- The first online meeting of URs and ACCORD MG members was held on the 13th February

To date, 7 use cases are reported

- Under investigation by teams
 - **Ireland:** 11 April 2024 Snow forecast for Ireland on 1st of March 2024
 - **Austria:** 24 June 2024 Overestimation of convective precipitation Tyrol
 - **Finland:** 27 Aug 2024 Missing summer convection
- Pending examination by MG
 - **Algeria:** Meteorological situation Béchar 7-9 September 2024
 - **Croatia:** 2024-11-25 Bad cloud coverage and precipitation
 - **Hungary:** 2024-12-12 The summer night temperature overestimation in AROME/HU
 - **Austria:** 2025-01-29 Underestimated heavy precipitation in Western Austria
- For further details, refer to the MQA wiki

The O2R wiki

Contains:

- A list of user representatives
- Meeting notes
- The user feedback reports, plus
 - Comments and actions started by ACCORD WG (PM, CSC leaders, AL/MQA)
 - Results of investigations
 - Discussion section; comments by ACCORD staff and UR's
- https://opensource.umr-cnrm.fr/projects/accord/wiki/User_feedback

Where do we go from here

- **Utilising the feedback efficiently**
 - What can we learn from the ue cases?
 - Time to respond
 - Analysis, action plan, realisation
 - Reporting, sharing, and archiving results
 - Inside ACCORD; with users
 - Can they be the same?
- **Is the present arrangement too heavy?**
 - Can it be made lighter yet meaningful?
 - Replaced? e.g. periodic grading of forecast parameters?

Thank you for your attention

Your comments and questions, please