

# Participant Call October 15, 2020

Participants: Johannes Bieser, Donna Schwede, Richard Kranenburg, Chris Holmes, Christian Hogrefe, Paul Makar, Aura Lupascu, Stefano Galmarini, Olivia Clifton, Ralf Wolke, Roberto San Jose, Rohit Mathur

Note: some of these notes were compiled after the call from posts in the Microsoft Teams chat made during the call since some participants had audio problems.

## Activity 1

- Revisions to enform code, TSDs, and metafiles
  - Updated TSDs, enform "source file" metafiles, and "cf" metafiles for optional conversion of enform-encoded files to netcdf have been generated and posted for the gridded cases under <https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/README.md>:
    - [https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/TSD\\_EU\\_20201008.zip](https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/TSD_EU_20201008.zip)
    - [https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/TSD\\_NA\\_20201008.zip](https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/TSD_NA_20201008.zip)
    - [https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/Metafiles\\_EU\\_20201008.zip](https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/Metafiles_EU_20201008.zip)
    - [https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/Metafiles\\_NA\\_20201008.zip](https://github.com/AQMEI4/Activity-1-AQMEI-style-runs/blob/master/Metafiles_NA_20201008.zip)
  - The revised "source file" metafiles have been tested by ECCC and EPA over the past week. However, if you encounter any issues when using them, please contact Christian and Stefano.
  - Corresponding files for receptor cases will be posted when available
- Upload of data to JRC ftp:
  - Stefano reported that the JRC ftp site is up and running and that a request for extending the disk space to 6TB is being negotiated.
  - Instructions for accessing and using the JRC ftp site for data upload will be provided by Stefano within the next 1-2 months, possibly reaching out to some "beta tester" groups first.
- Reminders:
  - The enform code has been finalized: [https://github.com/AQMEI4/enform\\_aqmeii4](https://github.com/AQMEI4/enform_aqmeii4), can test with existing zip files for meta files and TSDs posted <https://github.com/AQMEI4/Activity-1-AQMEI-style-runs>
  - Groups ready to start post-processing their model outputs can contact Stefano to obtain a model code to be used for enform and enform\_aqr postprocessing
- Participant status updates and questions
  - Johannes: migrating to a different machine, recompiling the CMAQ model, hopefully by tomorrow. Previously CMAQ had some issues working with COSMO meteorology, so things are not progressing as quickly as hoped, but still interested in participating. Will update the

group at the November meeting whether it's still feasible to participate. Plans to start with the NA runs, then EU

- Richard: no updates since last month, will move on to postprocessing
  - Christian: no updates, finished runs a while ago, working on postprocessing
  - Paul: started conversion of GEM-MACH with enform, working through disk space management issues, both on local servers and potentially on the JRC ftp site
  - Aura: no updates since last month, plans to start post-processing with newly posted files
  - Olivia: no updates
  - Ralf: ready to start post-processing, Stefano will send model code
  - Roberto: Finished 2010 and 2009 EU simulations and also finished the 2016 NA simulation. The 2010 NA simulation is running now in July but we have finished all our CPU hours with no priority and we now we are going to try to use "additional no priority hours" but our experience is that the potential possibilities to continue to run the model for the next July - December, 2010 NA period is very remote. The post-processing process has not started yet
  - Johannes provided EU critical loads database - any questions? Paul will send the information to Julian and follow up if there are any questions or any follow-up information is needed.
- Sharing of results
    - Paul shared a short presentation on analyzing the three GEM-MACH simulations performed for AQMEII4 using the AQMEII4 diagnostics.

### Activity 3

- No call since the last Activity 1 call, the next call is scheduled for November 17, contact Donna Schwede (schwede.donna@epa.gov) if you are interested in participating and are not currently receiving call invitations
- Following a suggestion made at the September 17 Activity 1 call, Christian contacted groups who dropped out of Activity 1 or Activity 1 groups who had not previously intended to participate in Activity 3 whether they might have the resources and interest to still participate in the point intercomparison activity. Ralf Wolke responded and expressed tentative interest.

### Special Issue

- ACP opened special issue on August 21 ([https://www.atmospheric-chemistry-and-physics.net/special\\_issues/schedule.html](https://www.atmospheric-chemistry-and-physics.net/special_issues/schedule.html))
- Technical notes:
  - Work has begun to prepare technical notes for Activity 1 and Activity 3 with the goal of submitting these technical notes towards the end of this year or early next year.
  - Olivia prepared a strawman document for the Activity 3 technical note and shared it with Paul, Donna, Stefano, and Christian for comments. It will then be sent to the Activity 3 steering committee.
  - Stefano is getting started on the Activity 1 technical note and will provide updates during the next call

Next call November 12, 9:00 EDST / 15:00 CEST