

Participant Call November 7, 2019

Participants: Ralf Wolke, Stefano Galmarini, Christian Hogrefe, Aura Lupascu, Christoph Knote, Paul Makar, Jean-Pierre Chaboureau, Ana Isabel Miranda and colleagues from the University of Aveiro, Jon Pleim

Follow-up items:

- Updated CAMS fields for spin-up period have been provided
 - Files were download successfully by several groups
- EU emission coordination?
 - Last call: "Richard Kranenburg will work with his colleagues at TNO to post SNAP-level reference temporal profiles to the same TNO ftp site where the emissions are stored"
 - Have EU groups downloaded TNO emissions? If yes, are groups waiting for common temporal profiles?
 - Ralf: has own temporal profiles, but was wondering if common profiles should be used.
 - Aveiro has own temporal profiles, would use common if available, but not currently waiting for them
 - Aura has temporal profiles based on LOTOS-EUROS
 - Christoph planned to coordinate with Aura, otherwise go back to 10 year old temporal profile from TNO
 - Stefano will contact TNO and send email to group once information becomes available
 - Email Update from Jeroen Kuenen (TNO) November 12, 2019: "Hi Stefano, Actually in the framework of the Copernicus services (CAMS) we have been collecting this info this summer, so I can provide you with a set of temporal profiles quite easily. If I recall correctly we gave you access to the TNO_MACC-III emissions for 2009 & 2010 which are based on the SNAP classification – so I attach here those profiles for SNAP based emissions. Within CAMS (amongst other projects) we are working on further improvements but until that is final I would suggest using these for the time being. Also attached are default height profiles – not sure if you want to use them in AQMEII but I provide them anyway so you can see what to do. Best regards, Jeroen" - already distributed?
- Special issue - ACP, but too early to contact

Questions / comments / status updates from participants:

- Boundary condition download problems encountered by Johannes - resolved?
- WRF-Chem code provided by Aura to all WRF-Chem groups
- CMAQ coordination (EPA, Hertfordshire, ITU, HZG) (BC processing, STAGE code updates, etc.) initiated by Christian, but still working on code
- Paul: GEM-MACH emissions processing is completed, model is configured, working on boundary conditions now, planning to do some initial 1-month simulations for checks. For next meeting,

Paul may be able to produce example images of the variables that we will be requesting in the TSDs

- Aveiro working on meteorological simulations
- Christoph - starting with setup
- Ralf Wolke - working on implementing the variables from the TSDs
- Jean-Pierre - also working on implementing the variables