

CAMS-84

Minutes of the PM-11 telecon

Minutes compiled by
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Agenda

Agenda PM-11 meeting,

9:30-12:30, Wednesday 9 May 2018 (WebEx)

Agenda

1. Welcome,
2. Announcements by the Service Manager (Jacques):
reporting, payments, KPIs, news from CAMS SLBs ...
3. WP 2: planning and overview of status (Jacques, Sander)
4. Status of the WP1 report, DFJ 2017 (short statement from editors)
5. Presentations by all groups (5 minutes max, see instructions below)
- Coffee break -
Presentations by all groups (5 minutes max, see instructions below)
6. Status of WP5/6 activities and report (John)
7. Status of the WP7 reanalysis report (Henk)
8. WP 8: development plan for the scoring document (Michael)
9. AOB

Participants

Yves Christophe, BIRA-IASB
Anne-Marlene Blechschmidt, IUP
Christos Zerefos, AA
Thorsten Warnecke, UBC
Sara Basart, BSC
Eleni Katragkou, AUTH
Harald Flentje, DWD
Jacques Claas, KNMI
Henk Eskes, KNMI

Augustin Mortier, MET-NO
Kaj Mantzius Hansen, AU
John Kapsomenakis, AA
Yasmine Bennouna, CNRS-LA
Annette Wagner, MPG
Yuting Wang, MPG
Bavo Langerock, BIRA-IASB
John Douros, KNMI

Excused: Michael Schulz (MET-NO)

Action items and deadlines

- Henk, 11 May: Check whether e-suite requires update of the validation document?
- Henk, 11 May: Check status reanalysis (GHG-AER)
- Henk, 11 May: Check status GHG reanalysis
- Annette, 15 May: communicate reanalysis results with ECMWF

Summary of the meeting

Announcements by the service manager (Jacques):

Reports:

- 2018/Q1 report delivered on time.
- Annual Report 2017 delivered on time.
- Potential Plans for 2019 delivered on time.

Finance:

- Invoice process for 2017/Q3+Q4 is ongoing.
- Invoice process for 2018/Jan-Apr will start soon. Currently discussing internally if a Contract Change Note, making Service Contract 3 applicable to your subcontract, is really required for starting the invoice process.

Phase 2 proposal:

- ITT released by ECMWF on March 16, 2018.
- Proposal was delivered on time on the day of the deadline, May 3rd.

Many thanks for all your inputs!!

Key Performance Indicators (KPI):

- KPI 2 "User Uptake": the number of document downloads shows that there is an interest in the Quarterly Validation Reports.
- KPI 4 "Uptime Verification Website": on average, uptime $\geq 99.5\%$. This is as expected. Due to MPG institute restrictions, MPG is currently not able to show its validation webpages using the CAMS templates. ECMWF has been informed and Natalia is looking for solutions/work-arounds.

News from the CAMS Service Level Board (SLB):

According to Vincent-Henri:

"We'll finally hold the next CAMS GA in the week starting 15/10/2018 (main part 16 to 18 October). This is conflicting with an Aerocom meeting, but it is really hard to find a "perfect" solution". No information on venue yet.

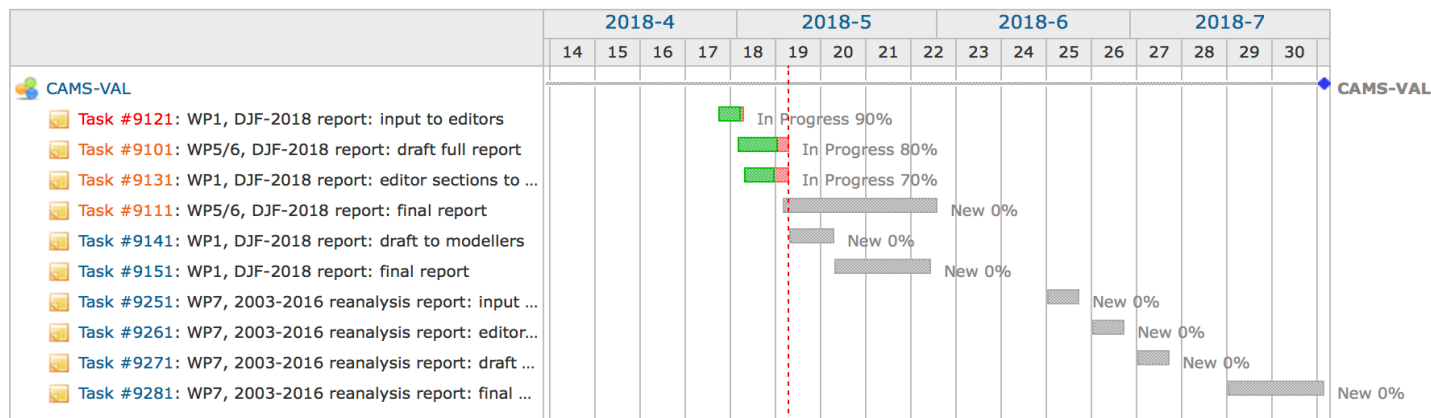
Action items from last meeting

Actions in grey from the PM3 meeting have been completed:

- Michael, February 2018: Next steps for development of headline scores and paper.
- Harald: Investigate combined use of ceilometer data from Germany, Norway and the Netherlands.
- Henk, 1 Feb 2018: Inquire with partners about a change in planning for next reanalysis report
- Henk, 29 Jan: send reminder email on what is expected for the e-suite report.

Schedule and announcements

Schedules (Gantt) for the upcoming activities (Henk)



- WP5/6: Summary for CAMS-50 delivered. Next: full report.
- WP1: Status: Editor sections to KNMI.
- WP7: Next big task:
Reanalysis report 2003-2016, scheduled for June-July.
Waiting for info from Richard on the GHG reanalysis.
- WP3: E-suite and aerosol modelling: waiting for info from Richard.

Phase-2 proposal

The proposal was sent on 3 April, before the deadline.
A confirmation of receipt was received.

The proposal is largely based on continuity, with the same consortium. Details will have to be filled in, especially for WP 2 and also WP 3. ITT mentions some reduction of tasks (less updates expected in the coming years due to migration of ECMWF computing facility to Bologna), but also increases of efforts: more regional/global models, regional reanalysis will come, more vertical layers, new requirements for verification server capabilities, with one version to be installed at ECMWF.

Schedule:

- Evaluation: May
- Negotiation: June-September
- Contract signature: end of September

WP 1 report

Note: As seen in the Gantt diagram, we are (only) a few days behind schedule. Delivery of the report on time (before 1 June) should be no problem.

Short statement of editors on the WP1 report , SON 2017:

- (GRG) Annette: There have been several small delays. A full version should be available by the end of the week.
- (AER) Michael-Augustin: PM10 Airbase data missing: this part of the work is pending.
- (GHG) Michel: All contributions in place, draft sent.
- (Stratosphere) Yves: All contributions in place, draft sent.

WP 2: planning and overview of status

- No progress to report.
- S&T has not started yet with implementing some of the remaining, missing functionalities that were identified in February/March 2018.

Implementation activities are now scheduled for June-August 2018.

Presentations from the partners

On RedMine the slides presented at the meeting are available (merged to 1 pdf). There were presentations by the persons listed below. Focus on:

- New developments in analysis approach, measurements used, other new aspects
- Major (unexpected) results for the DJF 2018 NRT report,
- New development or unexpected results for the WP5/6 report
- Other results, e.g. case studies

The presentations are provided as a separate pdf file. This includes presentations from:

Michel Ramonet (LSCE): ICOS CO₂, methane

Thorsten (UBC), Bavo (BIRA): CO₂, CH₄ and CO; NRT.

Bavo (BIRA): NDACC

Yves (BIRA): Stratosphere; NRT evaluation.

Michael, Augustin (MET-NO): Aerosols; reanalysis, NRT, e-suite, WP5.

Sara, Emilio (BSC): Dust; NRT, Mediterranean, Winter dust events.

Harald (DWD): Ceilometer: NRT.

Annette (MPG): GAW, sonde; NRT, WP5, reanalysis.

Yuting Wang (MPG): Aircraft evaluation of the reanalysis.

Kaj (AU): Arctic; reanalysis, e-suite.

John & Christos (AA): ESRL, EMEP, Airbase; NRT, WP5, Mediterranean.

Anne (IUP): NO₂, HCHO, satellite and MAX-DOAS; NRT, WP5.

Eleni (AUTH): Global-regional comparisons, WP6.

For the detailed results we refer to the slides. A few points from the meeting:

- Bavo was showing first results from the large increase of available real-time NDACC datasets related to the CAMS-27 activity.
- Annette showed first results for the reanalysis extending up to the year 2013. The results will be shared with ECMWF.
- Yuting has actively collected aircraft campaign data from 11 campaigns. This will be a valuable contribution to the validation report.
- The evaluation of the new high-resolution GHG model configurations will be presented in the next NRT report. We agreed that the DJF report is a bit too early for this.

WP 5-6

WP5-6 report: Summary for CAMS-50 Ensemble report, DJF-2018 period, was delivered (27 April). John Douros (KNMI) is editor of this document.

Next on the list is the full report, due in May.

John Douros presented the CAMS-84 evaluation of the regional models at the CAMS-50 assembly in Toulouse. The presentation was well received and in particular differences between analysis and forecast were instrumental to detect issues. Some model and analysis system improvements have resulted from this.

WP 7, evaluation of the CAMS reanalysis

On 26 March, Antje sent us an email with the status of the reanalysis, foreseen runtime, and the experiment id's. Henk will ask Antje for an other update.

The schedule for the evaluation of the reanalysis 2003-2016 is on RedMine. Individual sections are due 22 June. Delivery is planned for the end of July.

The evaluation of the 14 year of reanalysis is one of our main deliverables!
An extra telecon (end of June) will be planned to discuss the evaluation results for the full reanalysis, period 2003-2016.

Partners are encouraged to share early results with ECMWF, if relevant. Annette will share her results for tropospheric ozone.

WP 8: development plan for the scoring document

Scoring document update:

Michael Schulz is co-ordinating the next steps to arrive at a full set of headline scores. Michael will send a Doodle soon to initiate the next steps.

AOB

No AOB this time