

Agenda:

- Welcome and Presence
- Approval of the Agenda
- NeIC announcements
- Report by Project Manager
- Project midway report
- Approval of deliverables
- SMHI staffing
- Remaining reserved FTEs
- DP checklist
- Next meeting
- AOB

Welcome and Presence

Invited:

[Anette Lauen Borg](#), NO, Project leader, Observer

[Dan Still](#), FI, CSC

[Jørn Kristiansen](#), NO, MET Norway

[Michaela Barth](#), SE, Chair

[Sami Niemelä](#), FI, FMI

[Ulf Andrae](#), SE, SMHI

Presence: all, Jørn as of 11:10, Sami until 12:10

Quorum: see § 3.6 in Collaboration Agreement

Decision: We have quorum.

Approval of the Agenda

Agenda was sent out in time on October 17th. Decision documents were sent out in time on October 25th.

Decision: Remaining reserved FTEs and SMHI staffing swapped otherwise agenda is approved.

NeIC announcements

- Open Call: Final decision on projects made in December Board meeting. Next year's round planned to be slightly earlier.

- NeIC AHM <https://indico.neic.no/event/108>

Report by Project Manager

Action points from previous SG meeting:

- Project plan was updated https://wiki.neic.no/wiki/File:IOBS_project_plan.pdf including risk list link.
- DP checklist was updated.
- Report on iOBS progress was given on the MetCoOp meeting, 10-12 of September at FMI

Report:

https://docs.google.com/presentation/d/1LJWEYpPW6_ft2DI34nm0ffFeJnIDwdHWkEvBCr4u3kE

Discussion:

WP1: Using GTS data from all around the world for August 2019 as a test SAPP output dataset for WP4. SAPP is running on the MET Norway PPI and on Glenna. SAPP has also been tested with some extra local data as input, but WP4 requested only GTS so far.

Real time input data for PPI, planning to set up automatic copying to CSC. Authentication needed to push input data; in progress.

WP4: SAPP output can unexpectedly contain weather stations without a valid WMO number (for example some stations in Germany and radiosondes on ships), work in progress to fix this.

Kafka demonstration at last Glenna2 workshop: Kafka used at MET Norway for other things, so some experience already within MET Norway IT department. Would allow comparison on how to best transfer the Netatmo data.

Physical meeting in iOBS next year: Jørn is interested to join part of the physical meeting if presentations on results are shown. Co-locate with March 10-12 in Uppsala for next MetCoOp meeting? Conference facilities are already booked and would need to be extended.

Overall engagement: Besides SMHI looking good in general.

In case of interest: iOBS Open Canvas

<https://docs.google.com/presentation/d/1yRT7A98u2cLviH1-s9sZmvwma8HAX2GpTicdTkdkn0Y/edit#slide=id.p1>

Decision: The report is approved.

Project Midway Report

Project midway report for the NeIC board meeting in December (draft):

<https://docs.google.com/document/d/1MjMrprbsdSiAceSgPhVFNEjEeZ7bVVQc4CgoZBZL7f>
[w](#)

- Presentation scheduled for Friday the 13th of December, in the Morning
- Purpose and scope of the midway report.
- Feedback and input on questions to NeIC Board, especially on UWC expansion infrastructure and concerning MetCoOp infrastructure plans

Discussion:

*SAPP long-term support from ECMWF “until further notice”

*SAPP only doing quality control for metadata, will MetCoOp want to take it over this way

*Each institute had their own way to retrieve GTS observation data, provide possibility to change this procedure but not enforcing it (not adding just another layer).

Questions to NeIC Board:

Scope for further usage of this UWC infrastructure, support or development.

Installation of SAPP and connection to infrastructure can be easier (feedback from MET Norway and CSC).

Interesting for other types of currently not conventional observations (private weather observations - Internet of Things)

Approval of Deliverables

Report on the deliverables to be approved:

<https://docs.google.com/document/d/1XTosIFwwyVwfDtUGMcyZdk5oKcc2IGWsP2HGpRsCRxs>

D1.2:

Demonstration of the SAPP monitoring software by screen sharing during the meeting.

What can be tweaked? If it is in the manual it is very easy. Otherwise it takes more time.

SAPP (written in Python/FORTRAN) and is using databases (MySQL) for data and metadata storage.

D1.3:

Proof of concept, not the final version.

Besides data tracker also data volume is of interest.

What kind of metadata SAPP information is really of use for MetCoOp? The needs of MetCoOp are not clearly defined yet. We need to have a dialog about this during the iOBS project run time.

Status upcoming deliverables in month 12:

- D3.2 QC algorithms for the prototype private in-situ datasets
- D3.3 Monitoring systems for feedback on data quality to the private data providers
- D4.1 A model system that handles conventional observations pre-processed using SAPP.
- D0.1 Mid-term report to the NelC Board

Discussion:

Deliverables are only vaguely defined. Deliverable 3.2 is already published on GitHub. Code is continuously updated and improved. Is a production final version or working version desired? As close to final version as possible within the timeframe of the project dependencies. Shifting delivery date closer to actual dependencies for that to allow for further maturing.

So far only basic quality control and conversion from JSON.

For 3.3: already monitoring the data flow.

Can we give meaningful feedback on data (flow) quality? Yes, for data flow quality.

Decision: The deliverables are approved. Deliverables D3.2 and D3.3 are moved to Month 14. D3.3 is about the data flow.

SMHI staffing

Agreement reached to shift PMs from 2019 to 2020. Names in the service agreement can be changed. Concentration of PMs towards the end of the year.

Feedback was given to NelC on more basic administrative invoicing information for new partners.

Discussion: At least one extra person for WP4 will be provided by SMHI. The problem is heading towards solution.

Remaining reserved FTEs

During the related discussion at our last SG meeting we wondered about the possibility of a (max half year) prolongation, since MET Norway would have the possibility to prolong the position of a temporary expert staff member for half a year. The NelC Director has discussed

this with NordForsk, and the answer we got is that this is ok. Assuming that it is the best solution for the quality/resource use of the project.

Urgency: Latest at next SG meeting

Proposed decision: to make a decision along the same line.

Increased needs estimates within project: WP4 struggling with simulation work

Prioritize WPs that need it for a prolongation.

Additional time helps to find solutions. More people over short time don't always give a better result.

The 2 FTEs don't have to be shared equally between partners, it should go where it is needed most: Pragmatic sharing.

Decision: The SG supports a prolongation provided that is the best solution for the quality/resource use of the project. Sharing is to be done pragmatically based on need not on equal partner shares.

***AP: Anette make a first draft of distribution based on outcome of M12 deliverables and discussions within project.**

DP checklist

https://docs.google.com/document/d/1uXT15ai2-0PBS-Duhs-Civ_Hwh6m86OJBGpfnURosk/edit

skipped.

Next meeting

Decision: Preliminary book February 28th, otherwise there will be a poll.

AOB