

Notes of the COCCON telecon February 19th 2026

Here are some notes of the discussions and ideas of our telecon.

Please note that these notes are not a complete record, just a sum up the most important points of the discussion. Furthermore, no liability is taken in case of any misunderstandings (sorry if I got something wrong, please contact me in case you see the need for corrections).

If you think an important point is missing, please email to matthias.frey@kit.edu.

Number of participants: 36

1) Presentation about the ESA Validation Data Centre by Ann Mari Fjaeraa (NILU)

- For details, see the presentation slides.
 - EVDC overview (<https://evdc.esa.int/>)
 - Cal/Val data collections
 - DOIs, landingpages and notebooks
- Questions and comments after the presentation:
 - Q: Can you only download three months of data via EVDC?
 - A: No. Longer timeseries download possible via multiple requests.
 - C: An API for COCCON data download and more meta information about COCCON on the EVDC webpage would be good.
 - A: Work in progress.
 - C: The EVDC data policy is accessible via the entry page. It intends to ensure the IPRs of the data provider (coauthorship / acknowledgement, ...).
 - Q: How to make an EVDC account?
 - A: Follow the instructions on the EVDC webpage.

2) Presentation about EVDC related COCCON topics by Darko Dubravica (KIT)

- For details, see slides.
 - COCCON homepage
 - COCCON central data facility
 - Important note! For data upload (via bitwise), the hyphen has to be omitted from now on in the host address (see slide 3 of the presentation). The old host address will not be available any more from April 1st.
 - PROFFAST data processing
 - EVDC data publication
- Questions and comments after the presentation:
 - Q: What data is preferred for the upload to the central facility?
 - A: Final HDF output is easiest, but everything else is also fine (raw data, BIN files, PROFFAST output).
 - C: COCCON does include other instruments apart from the EM27/SUN, if these were successfully evaluated by the FRM4GHG consortium.
 - C: In the future, it is planned that the PROFFAST version number will be included in the hdf file name.

3) Brief introduction of Eumetsat call for rapid data delivery project from TCCON/COCCON for Cal/Val activities by Matthias Buschmann (Environmental-Research)

- Main idea: Funding for rapid data delivery (within three days).
- Retrieval to be performed in two versions: standard and CAMS priors
- Project meeting on April 21. All COCCON PIs invited.
- Questions and comments after the presentation:
 - Q: What data has to be delivered within three days?
 - A: Only minimal set of data required as retrieval input (raw data and pressure data).

General question: Availability of shelters?

- <https://www.karnscientific.com/em27-sun-weatherproof-enclosure>
- <https://eloneo.fr/>
- COCCON-Spain model is in the deployment phase but not yet purchasable. We expect it will become purchasable in the future.