

EISCAT3D_PfP Project News

Welcome to the EISCAT3D_PfP project quarterly newsletter.

Consoden-EISCAT project kick off meeting

A kick-off meeting was held on March 8 at the Consoden AB premises in Uppsala, to start the manufacturing consulting work package. The meeting was attended by EISCAT3D_PfP project members and Consoden staff. This meeting discussed the roles and responsibilities of EISCAT and Consoden, the project planning and a walk through of EISCAT documentation.



Consoden-EISCAT project members

Consoden-EISCAT project news

The Consoden-EISCAT project is progressing as per the plan and the summary of the project activities is as follows:

- Consoden AB arranged a 2-day Enterprise Architect SysML discussion at EISCAT Headquarters (HQ) in Kiruna, Sweden. The main objective of this discussion was to assist the EISCAT3D_PfP project staff to get familiar with SysML modelling of EISCAT_3D sub-systems and also to enable remote access of Consoden's EISCAT3D_PfP model using this tool.
- Consoden AB organised a couple of online workshops on April 25 and 28, to discuss the system and sub-system design description (SSDD) of test sub-array. This will lead to a model with the proper subsystem boundaries and interfaces in support of the future tendering.
- A procurement strategy workshop was organised at the Consoden AB office in Uppsala on April 8. The workshop discussed the issues related to procurement of the sub-systems of the test sub-array.
- Regular weekly meetings between the EISCAT3D_PfP project members and the Consoden staff are held to update the project status.
- A final test sub-array SSDD physical workshop was organised at Consoden AB branch office in Stockholm, Sweden on May 3. The workshop focussed on the SysML design of sub-system and its interfaces and was attended in person by EISCAT3D_PfP project members from Kiruna, Sweden. Further, the workshop was remotely joined by Dr. Assar Westman and Mr. Jussi Markkanen.



Enterprise Architect SysML discussion at HQ



SSDD workshop at Consoden AB, Stockholm

Recruitment of EISCAT3D_PfP project staff

The external staff recruitment of EISCAT3D_PfP project is finished. Mr. Robert Juhlin and Mr. Harri Hellgren will start as electrical- and software engineers at EISCAT Headquarters in Kiruna, Sweden, on June 1 2016.

Meetings with Sub-System Suppliers

- A meeting was held on April 7 with [GELAB AB](http://gelab.se/)¹ to discuss the current status of EISCAT_3D project and also the possibility of manufacturing the antenna sub-system unit with current technical specifications.
- [National Instruments](http://www.ni.com/sv-se.html)² (NI), Sweden visited the EISCAT Headquarters in Kiruna on April 14-15 to get to know the current status of the EISCAT_3D project and also to present the latest developments in test sub-array beamforming technology. The meeting was attended by a couple of representatives from National instruments and the EISCAT3D_PfP project staff. A follow up meeting was held on May 17 at NI premises in Kista, Sweden, to discuss the technical aspects of the test sub-array beamforming.
- [Huber+Suhner](http://www.hubersuhner.com/en/)³, Sweden visited EISCAT Headquarters in Kiruna on April 26 to enquire about the RF connectors and cable requirements for the test sub-array. The Huber+Suhner organised a follow up meeting on May 17 at Huber+Suhner office in Kista, Stockholm, to get to know more about each of the sub-system requirements.



NI-meeting in Kiruna



Follow up NI-meeting in Kista

Other EISCAT3D_PfP project news in brief

- On behalf of EISCAT3D_PfP project, Dr. Sathyaveer Prasad attended the network stakeholders meeting held at Skycity, Arlanda on May 9. The meeting was attended by representatives from [Nordic e-Infrastructure Collaboration](https://neic.nordforsk.org/)⁴ (NeIC), EISCAT staff, EISCAT_3D users and network providers. The meeting discussed to intensify the collaboration with NeIC-EISCAT_3D Support (E3DS) project for enabling the network and e-infrastructure for the future EISCAT_3D system.
- EISCAT3D_PfP project members attended the [EISCAT_3D user meeting](https://eiscat3d.se/)⁵ held in Uppsala, Sweden on May 18-19.
- The first EISCAT3D_PfP project status report has been submitted to the EISCAT governing bodies.

1 <http://gelab.se/>

2 <http://www.ni.com/sv-se.html>

3 <http://www.hubersuhner.com/en/>

4 <https://neic.nordforsk.org/>

5 <https://eiscat3d.se/>