

EISCAT_3D Support

Facts

Project partners

- Nordic e-infrastructure Collaboration
- EISCAT Scientific Association
- University of Tromsø
- CSC
- HPC2N

Project duration (start, end)

- 15.1.2015 - 15.1.2018

Project budget (# of FTEs)

- 1.0 per year

References

- [public wiki](#)
- [wiki](#)
- [Deliverables](#)

Achievements

What is the project / activity about?

- The scope of the NeIC EISCAT_3D support (E3DS) project is to aid the future EISCAT_3D project in planning and tendering their required e-infrastructure.

What specific problems are tried to be / were solved with the project?

- Gather EISCAT_3D science/use cases and translate to computing requirements.
- Understand EISCAT_3D network requirements.
- Propose online computing/data storage solutions.

What lessons were learned?

- Some documents had to be changed.
- General estimates of required computing vague.
- Culture change for EISCAT challenging.
- Basic collaboration tools (wiki, Skype) very useful.

Alignment with NeIC 2016-2020 strategy?

FA1 - Pool Competencies

Consulting experts from computing centres and networking providers.

FA2 - Share Resources

We share the knowledge resources of the e-infra providers.

FA3 - Secure Long-Term Funding

Make the case for integrating EISCAT_3D computing into existing collaboration.

FA4 - Strengthen Stakeholder Dialogue

Yes, all national providers are active and extra institutes.

Plans

Open issues & future plans

- Some national providers took longer to join.
- On-site computing generally EISCAT_3D issue.
- Hope to draft procurement documents for computing/storage/network.

What would the project like to learn from other projects?

- Write documents easier?

Major milestones (in 6, 12, 24 months)

M06

– Stakeholder meeting on e-Infrastructure procurement.

M12

– Stakeholder meeting on computing integration.