

# 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)

#### M12

- Documents on Operations and Data centres
- First Stakeholder meeting.

#### M18

- Document on networking.
- Second Stakeholder meeting.

#### M24

- Document on User Analysis computing.
- Third Stakeholder meeting.