

# NeIC Dellinger Project

- Researchers using sophisticated computational and data analysis systems. Collaborations are evolving, expanding.
- Long-term access to well-supported computational and associated data analysis systems is fundamental.
- National e-infrastructure provider motivations:
  - Provide researchers uninterrupted access during transition periods between hardware upgrades and acquisitions.
  - Open new research opportunities by allowing/obtaining access to resources not available in their home countries.
- Effort for HPC sharing consistent with strategic directions in the Nordic e-Science Action Plan <sup>1</sup>
  - Action 6: Nordic Sharing and Exchange of e-Infrastructure Resources.
  - Action 8: Nordic High Performance Computing Collaboration.
- NeIC Strategy Implementation Plan 2016-20: Share Resources.

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<sup>1</sup>[https://www.nordforsk.org/en/publications/publications\\_container/nordic-escience-action-plan-2.0](https://www.nordforsk.org/en/publications/publications_container/nordic-escience-action-plan-2.0)

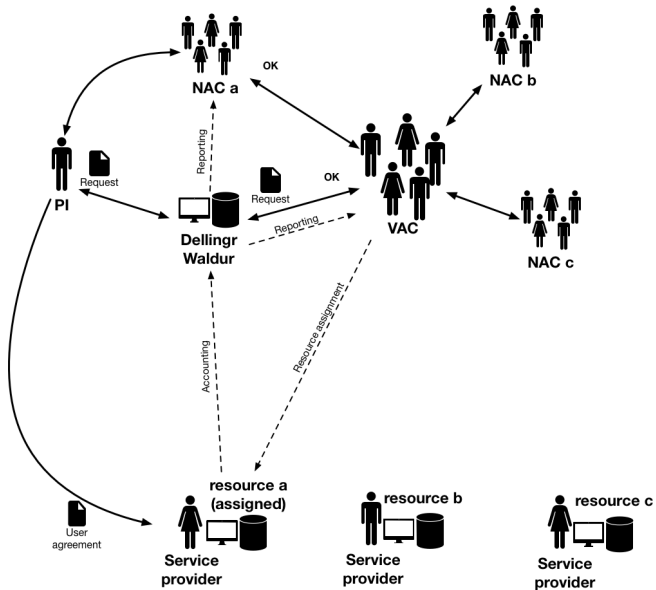


# NeIC Dellingr Project

- Nordic e-infrastructure Collaboration: <https://neic.no>
- Dellingr project: <https://dellingr.neic.no/partners/><sup>2</sup>
- What are the national policies for accessing resources?
  - Which resources can be shared?
  - Who can be accepted to “borrow” resources?
  - Identify nationality and affiliation?
- Can a long-term resource sharing be set up?
  - Accounting over longer period of time... balance to zero?
- **Not** intended to change processes by which national providers manage, allocate or support the national research priorities.
- Benchmarking shared resources... hard. Resource exchange models... policies!
- Resource-sharing pilot... free CPU (cheese) 20 applications... spread across all partners.
- <https://dellingr.neic.no/>
- <https://wiki.neic.no/wiki/Dellingr>

<sup>2</sup>Norway participates as observer.

# Potential Sharing Scheme



# Thank you

# Questions later?

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