2021q4 - status

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NORDIC E-INFRASTRUCTURE COLLABORATION

Overview

- Resource changes
- Noteworthy events and issues
- Statistics
- Board reporting

SPEAKER | Mattias Wadenstein <maswan@ndgf.org>

Resource changes

- UiB tape pools in production
  - We have migrated the ALICE data from HPC2N
  - The plan is to empty HPC2N so that Sweden with high speed but low total capacity/pledge can be useful for taking new data
  - Performance OK
- New Slovenian pools as part of Vega EuroHPC
  - 3 PB backed by CephFS
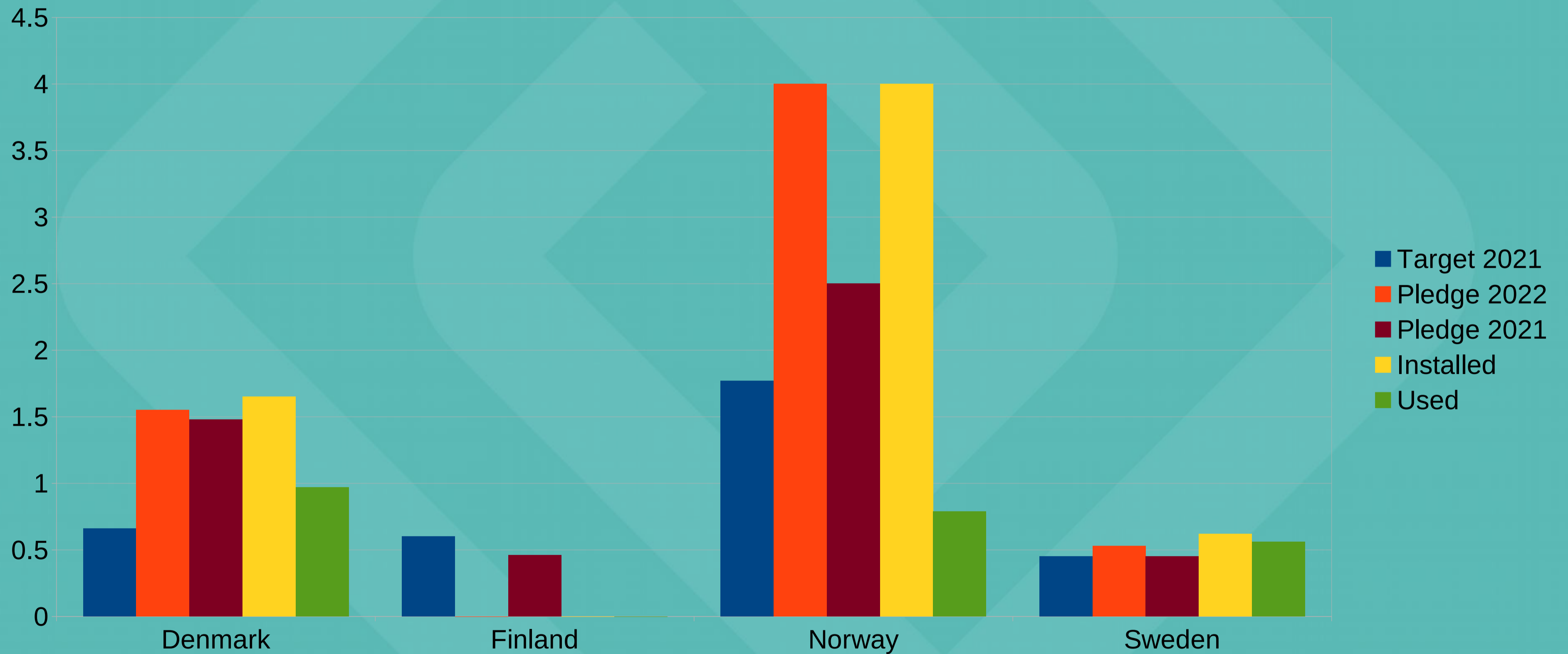 - So far significantly better performance and more stable
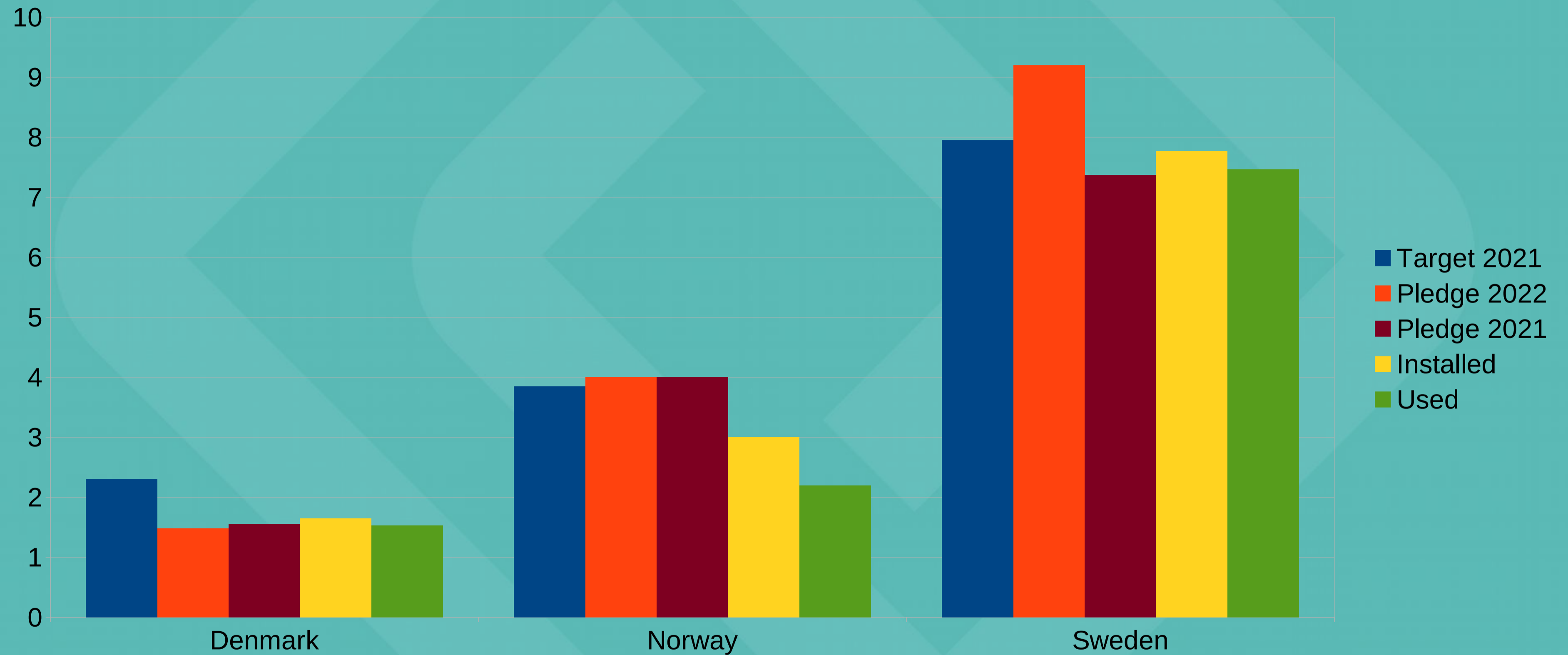
Noteworthy events and issues

- Next tape challenge will start second half of March
  - Hope to have new Oslo tape ready by then
- Technical test for integrating Bern disk pools
  - Bern management decision expected soon regarding production
- Network upgrade needed
  - Ran out of LHCONE bandwidth, primarily to Slovenia
  - Some limits raised a bit
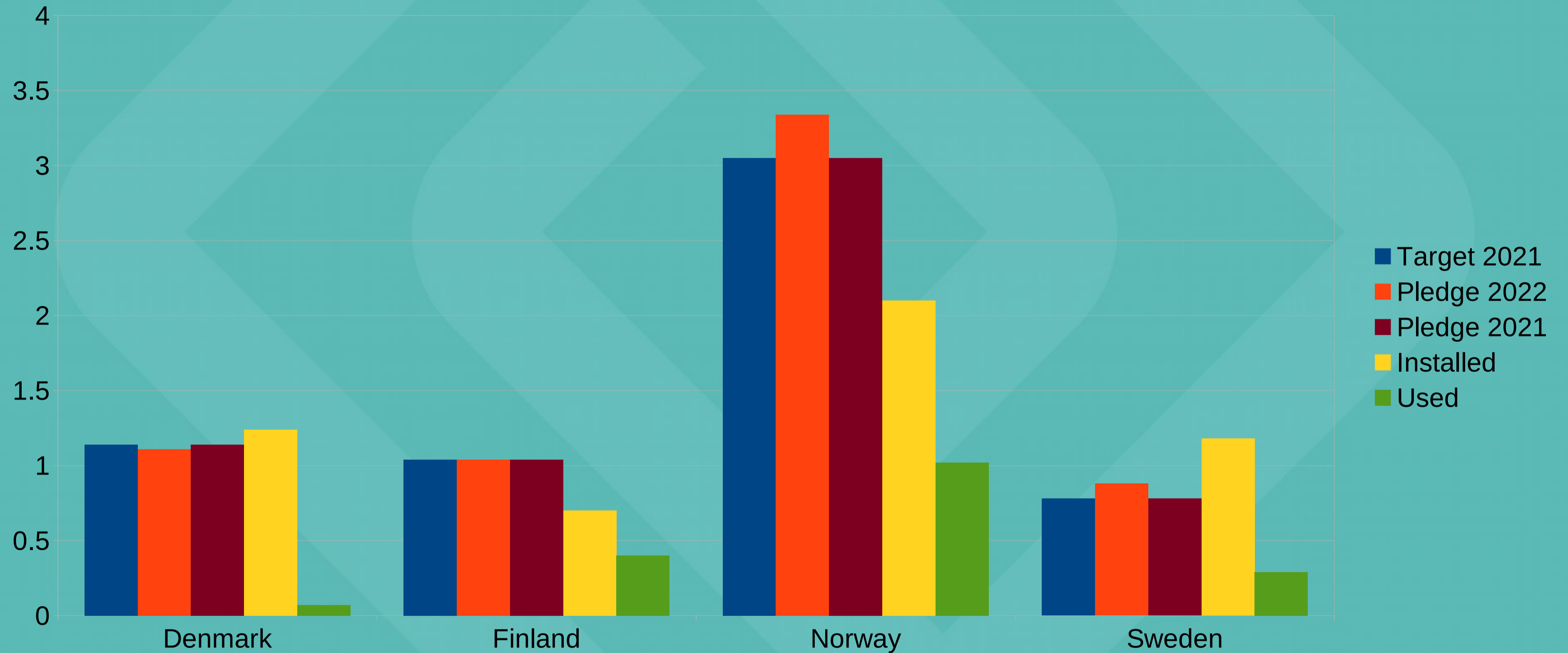 - NORDUNet and GEANT investigating best options for further increases
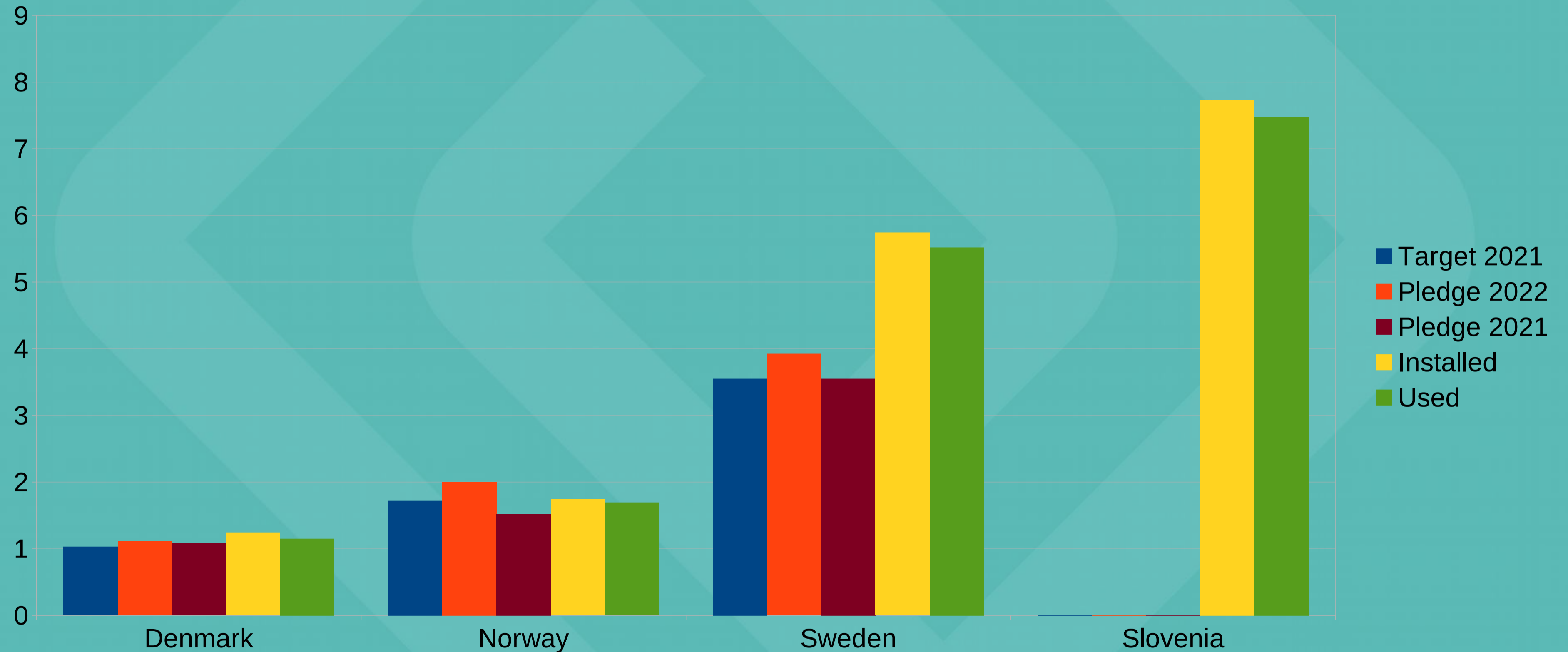
ALICE Tape

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ATLAS Tape

ALICE Disk

Legend:
- Target 2021
- Pledge 2022
- Pledge 2021
- Installed
- Used

Categories: Denmark, Finland, Norway, Sweden

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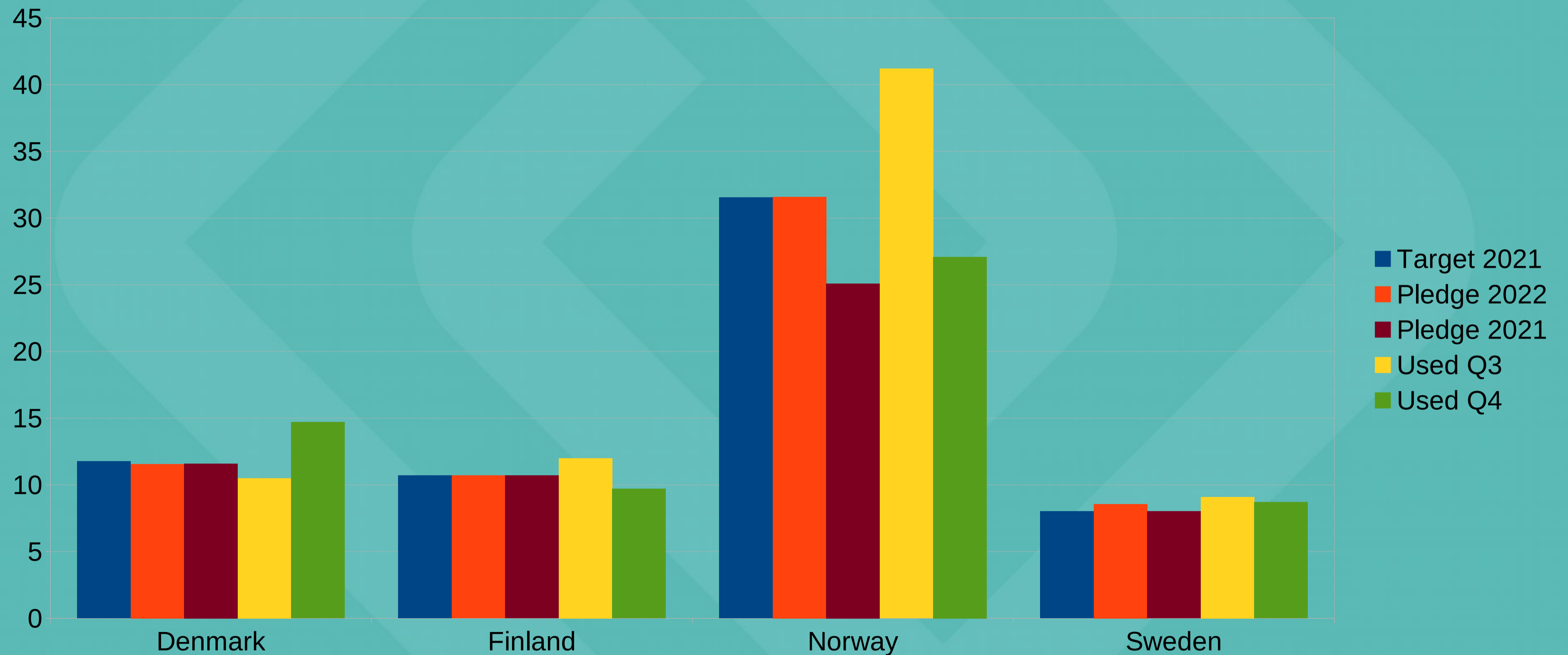
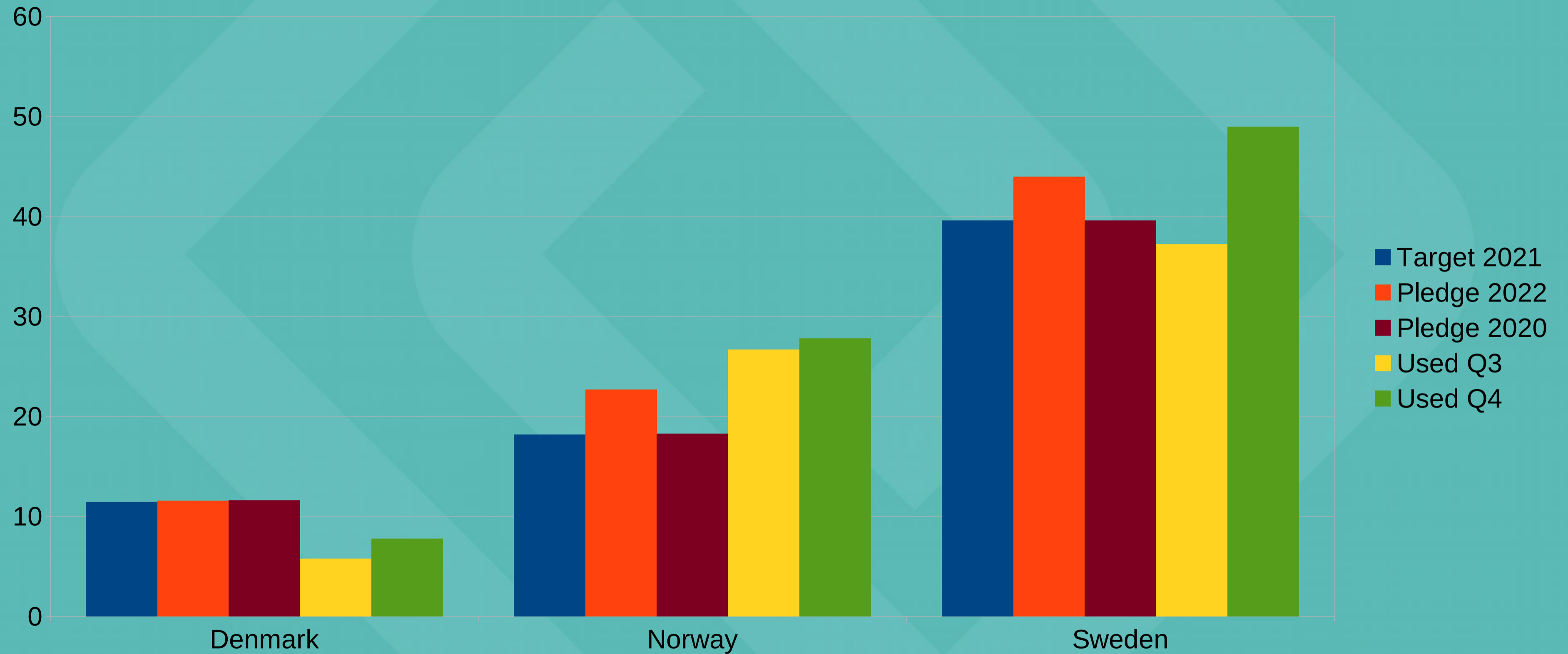# ATLAS Disk

CPU Usage Comments

- CPU delivery fine
- Some minor shortages, but offset by a bit more elsewhere
- Tier-1 CPU overshadowed by Tier-2 CPU right now
  - Vega providing 20-40 times as much as the Nordic Tier-1

ALICE CPU

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ATLAS CPU

Legend:
- Target 2021
- Pledge 2022
- Pledge 2020
- Used Q3
- Used Q4

Questions?

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