

Successful support for TDR certification and FAIRification

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Tuomas J. Alaterä – FSD / Tampere University



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EOSC-Nordic WP4 Goal

FAIR digital objects in Trustworthy digital repositories

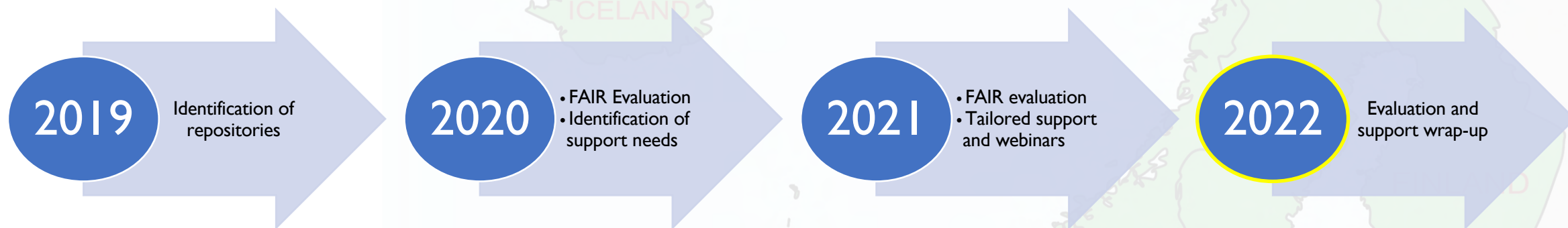


FAIRification support:
machine-actionable metadata
recommendations



CoreTrustSeal support:
Repository specific self-
assessment and general
certification guidance

Support timeline



- 98 evaluation / support candidates identified from all Nordic/Baltic countries
- 34 picked out by the WP4 team as potential support recipients
- Based on invitation and interest, 13 repositories participated as recipients

Bolin Centre Database, Sweden

DataDOI, Estonia

DTU, Denmark

Finnish Biodiversity Information Facility (FinBIF)

Icelandic Social Science Data Service (DATICE)

Lithuanian Data Archive for Social Sciences and Humanities (LiDA)

Music Archive Finland

NIRD Research Data Archive, Norway

QSAR DataBase, Estonia

SU, Sweden

AIDA Data Hub, Sweden

Metabolic Atlas, Sweden

USN, Norway

Support activities provided

- Conversational **webinars** on CoreTrustSeal & “FAIRification Steps” webinar series
- **Goal-setting** for each repository (either applying for certification, self-assessment, FAIRification, or a combination)
- Regular/themed **online support meetings** of dedicated WP4 experts and repository representatives
- Online meetings dedicated on FAIR scores
- **Written feedback** on self-assessments
- **Knowledge hub** for participants

Measures of success

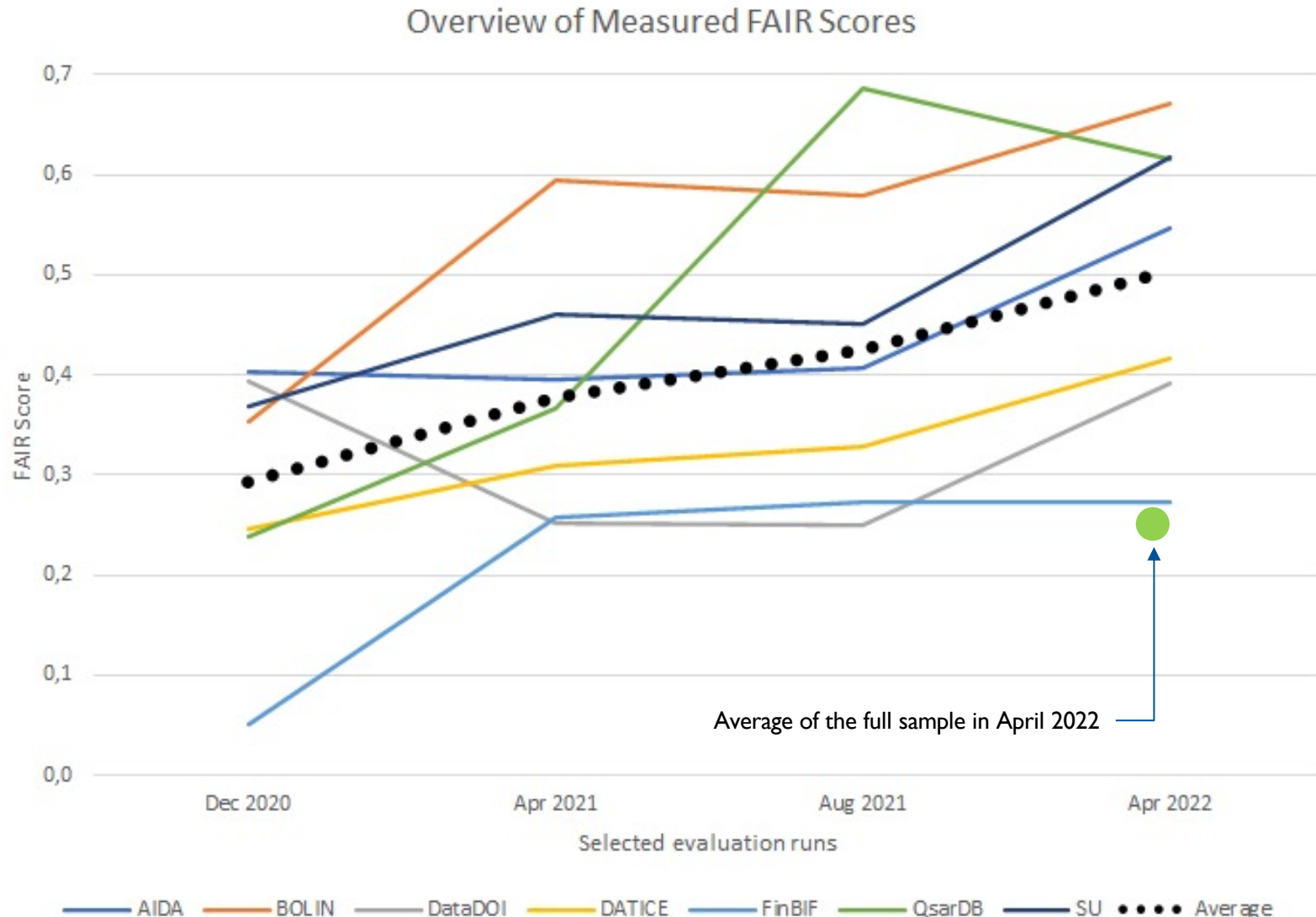
- Certification ✓
 - repository recommended to proceed with the CoreTrustSeal application
- Self-assessment ✓
 - all / selected requirements assessed with further work identified
- FAIRification ✓
 - noticeable increase in FAIR scores of the repositories especially supported for FAIRification

Outcomes: FAIRification

FAIRscore development of those repositories which received dedicated FAIRification support

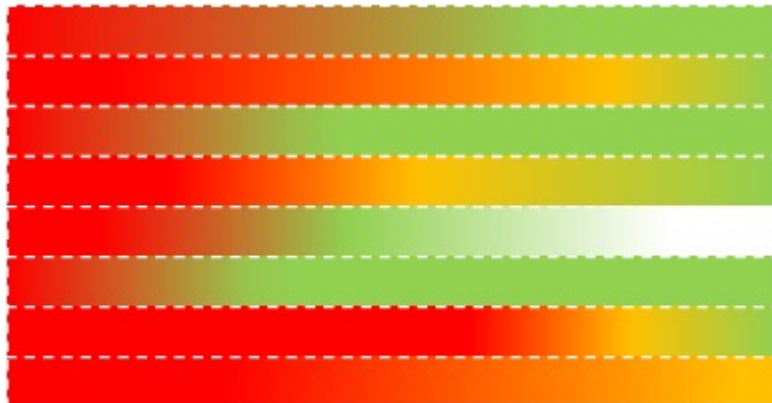
- Clear improvement seen, specially compared to full sample
- Time invested fairly moderate

Source: D4.5 Report on completed FAIR data standard adoption and certifications of data repositories in the region (2022) Alaterä, Kleemola, Ala-Lahti & Jerlehag (forthcoming)

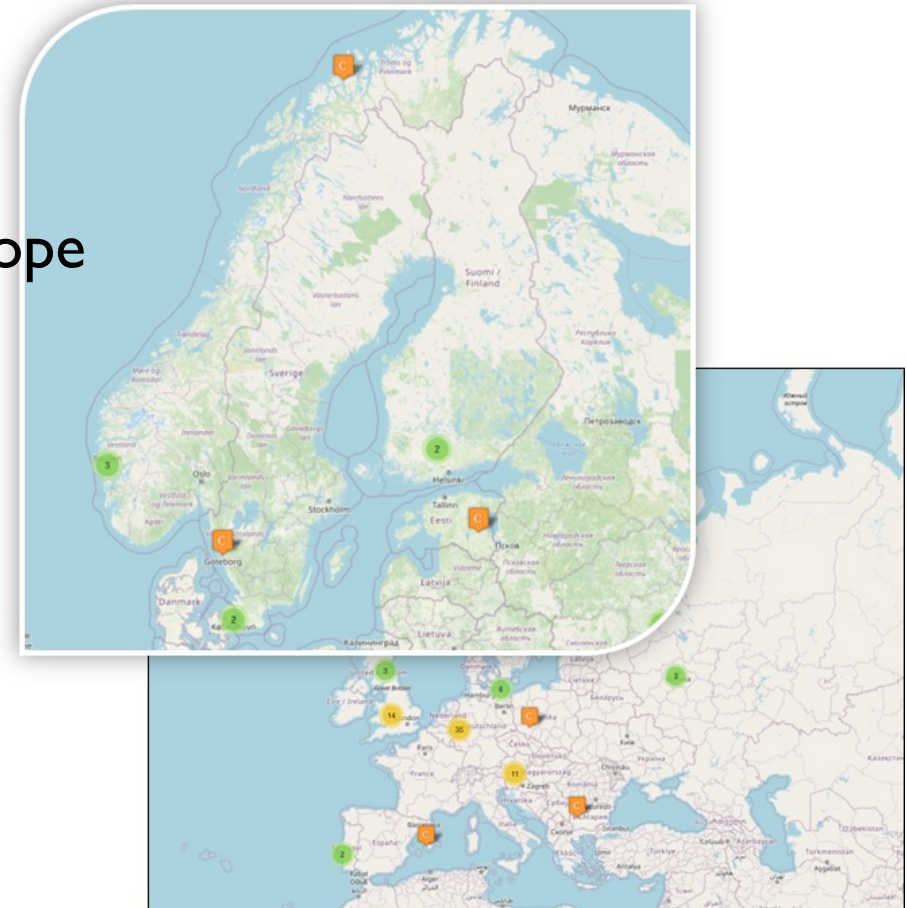


Outcomes: Certification

- 8 repositories aimed for certification
 - 3 ready to submit / have submitted
 - 3 very close
 - 1 completed the self-assessment, but not in scope
 - 1 will continue after the project
- More time consuming than FAIRification

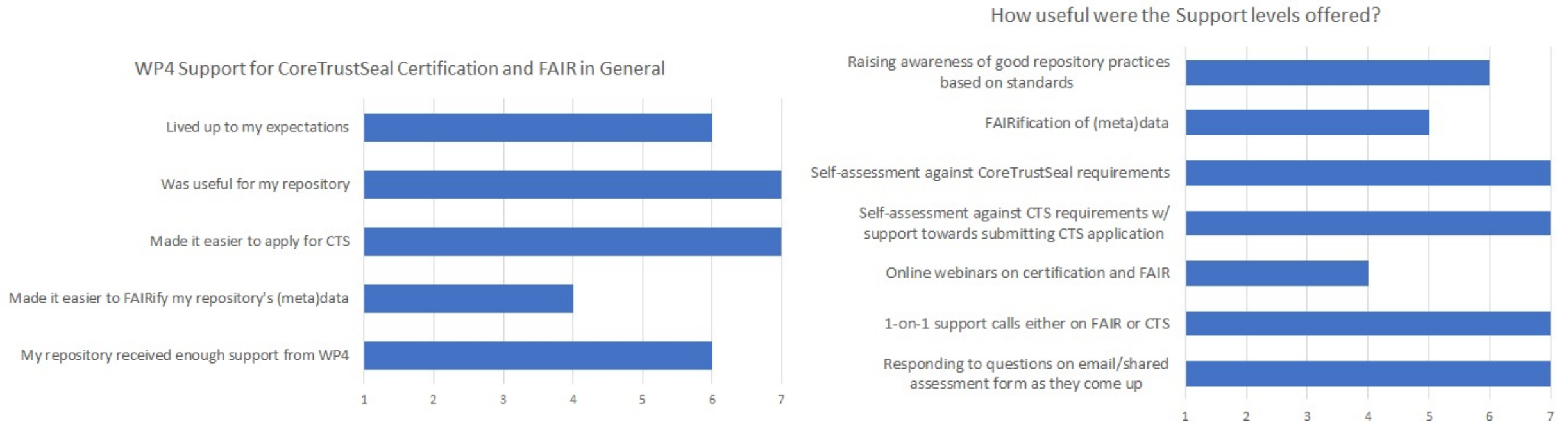


Number of CTS certified repositories in the region would go from 10 to 16



Did they like us?

- Yes! Feedback generally very positive. Support useful and adequate
- One to one support received top marks
- Supporting FAIR less straight-forward than CoreTrustSeal support



World after the project

- WP4: Investing in more FAIR metadata and improving repository practices through self-assessment / formal certification is beneficial
- Similarities in policies, culture and incentives in repository activities and sharing research data in the Nordic and Baltic region
- Sustained efforts to coordinate national, regional and international initiatives and funding essential
- EOSC-Nordic, SSHOC and FAIRsFAIR support activity showed a need for a broader network of knowledge sharing
- Ongoing effort to build a [European Network of FAIR-enabling Trustworthy Digital Repositories \(TDRs\)](https://doi.org/10.5281/zenodo.7034315) <https://doi.org/10.5281/zenodo.7034315>

Background

- Workshop early 2022
- To sustain project efforts for repository support
- Wide landscape of efforts identified
- Broad group of stakeholders attended (90)
- 70% desired a Network



FAIRSFAR Fostering Fair Data Practices in Europe EOSC NORDIC SSHOC SOCIAL SCIENCES HUMANITIES OPEN SCIENCE CLOUD

Workshop

Workshop network of
FAIR-enabling trustworthy
digital repositories (TDRs)

January 13th 11:00-12:30 CET



Next 3 slides credit:
Natalie Harrower (DRI)
and Maaïke Verburg
(DANS)

Functions of the Network

- Designed to address the community's biggest challenges
- **Networking and knowledge exchange**
- **Stakeholder advocacy and engagement**
- **Coordination and development**



Menti results of the workshop for the question: "In your opinion, what should be possible goals of such a network?"

Thanks to:

Author team:

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And all community members who helped create the workshop and those who provided input to the paper!



FINNISH SOCIAL SCIENCE
DATA ARCHIVE



Read more

- D4.3 Report on Nordic and Baltic repositories and their uptake of FAIR. (2022). Nordling, Josefine, Mihai, Hannah, Meerman, Bert, Alaterä, Tuomas, Kleemola, Mari, & Livenson, Ilja. (2022). <https://doi.org/10.5281/zenodo.6880904>
- D4.5 Report on completed FAIR data standard adoption and certifications of data repositories in the region. (8/2022). Alaterä, Tuomas, Kleemola, Mari, Ala-Lahti, Henri & Jerlehag, Birger. (Forthcoming).
- All materials will be available in [EOSC-Nordic Knowledge Hub](#)

Thanks – and let's move on



www.eosc-nordic.eu



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<https://www.linkedin.com/groups/13756550/>



<https://www.youtube.com/channel/UCgoDT8ifg8oIwcRpYWAUalg>