



EOSC Nordic Sustainability

Sara Garavelli, EOSC Program Manager, CSC – IT Center for Science



EOSC-Nordic project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857652



Outline

- EOSC Nordic sustainability plan
- Overview of EOSC Nordic KERs
- Sustainability pathways
- Conclusions



The EOSC Nordic sustainability plan

- · Identification of the EOSC Nordic assets (Key Exploitable Results KERs)
- Prioritisation of the assets to be sustained in the future
- Identification of potential sustainability pathways





Building the foundation for future sustainability after the end of the project

KER: "... an identified **main interesting result which has been selected and prioritised due to its high potential to be 'exploited'** downstream the value chain of a product, process or solution, or act as an important input to policy, further research or education.



EOSC Nordic KERs (impact at EU level)



EOSC

EOSC Nordic KERs (impact at regional level)

Improving EOSC alignment and coordination



KER 6: EOSC alignment activities: mapping the open science policies; identifying legal issues; advising on EOSC impact at national level; exchanging best practices

Enabling EOSC uptake & increasing FAIR



KER 7: Regional EOSC onboarding platform: integration and on-boarding of regional providers

KER 8: Support for FAIR practices adoption in the region: FAIR data repository support on CoreTrustSeal certification and FAIR implementation.

KER 9: X FAIR data stewards trained in the region: FAIR data repository support on CoreTrustSeal certification and FAIR implementation.





EOSC Nordic KERs (impact at at organisational /community level)

Increasing discoverability of services in EOSC



KER 5: "X" services onboarded on the EOSC Portal

Improving organisational workflows



KER 12: Machine actionable DMPs: Alignment of the DMPs that are being used by unis with the machine actionable DMP schema to make them machine actionable

Enabling cross-border service provision



KER 13: Nordic/Baltic X-Road prototype a solution deployed in EE and FI for secure data exchange across organizations, mainly used for exposing government registries to their users from public and private sector

KER 14: PoC for the sensitive data architecture for the eHealth Cloud

Enabling cross-disciplinary research



KER 15: Lifescience technologies and standards adopted by earth science community: Climate scientists and ecologists from all over the world can collaborate together



KERs overview



Guidelines & models contributing to the EOSC developments \rightarrow *IF, service compliance checklist & maturity model, FAIR assessment model*



- New services & tools (mainly results of the demonstrators) \rightarrow machine actionable DMPs, X Road prototype, PoC for the sensitive data architecture for health cloud, lifescience toolkit for earth science
- EOSC alignment & coordination in the region



 Support activities incl. training → FAIR adoption/data stewards, regional onboarding platform



• EOSC awareness



How do we approach sustainability after the end of the project?



Different sustainability pathways

opportunities

| Extra funding required | Adoption by specific organisation | Legacy / Hand over | |
|--|---|---|--|
| New funds to support the activity after the project: • NeiC support • New HE or national/regional | Exploitation of the results is up to individual organisations/partn ers/communities | Hand over of the asset to other initiatives/projects/ EOSC ecosystem | |



KERs & sustainability pathways

| Extra funding required | Adoption by specific organisation | Legacy / Hand over |
|--|---|--|
| Discussion started with NeIC | | |
| NelC FAIRsFAIR project New HE projects | Research communities involved in the demonstrators Service Providers Other regional funding | EOSC Association EOSC Steering Board EOSC A Task Forces EOSC Future |
| | www.eosc-nordic.eu | 11 |



Conclusions

- Different paths for sustainability depending on the result and its role in the EOSC implementation
- The sustainability of some KERs requires extra funding. Adoption does not always come "for free"
- Hand over of activities/tools will require dialogue and agreements with ongoing and upcoming initiatives and the EOSC Partnership beyond the Nordic region

We have one year to make the best of it!



www.eosc-nordic.eu



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

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