

Regional projects' view on policy status and requirements

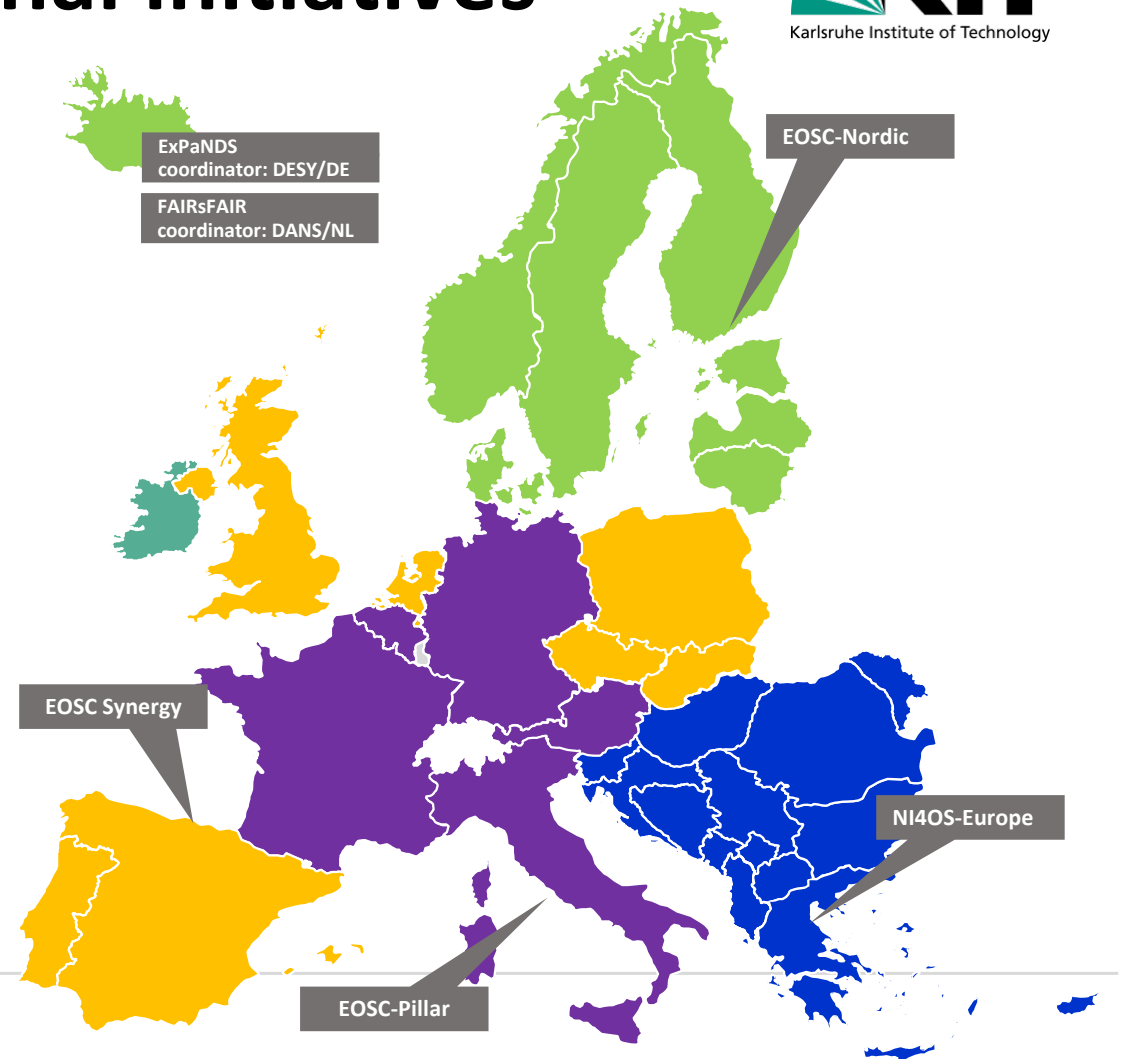
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Coordination and regional initiatives

- Part of the INFRAEOSC-05 call collaboration agreement and joint activity plan
 - Regional projects + FAIRsFAIR + ExPaNDS
- Organised in Task Forces aligned with the work areas of the 2019-20 WGs
 - Landscape
 - FAIR data and infrastructure
 - Service onboarding
 - Training & Skills
 - Dissemination and events
- **National policies & Governance**
 - multiple topics, wide scope



Goals set

- Each project contribution is different - in focus, in scope, in approach
- Implementing EOSC and drive harmonisation of the landscape
- Deliver to policy makers and deliver to the EOSC Association
- Include national, regional and European levels
- Bring down barriers and raise awareness
- Effectively enable data sharing across borders

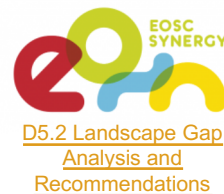


A selected overview of policy recommendations and proposed actions



Data Management Plan

- Policy should expect submission of DMPs as standard, updating of DMPs over lifecycle, end-stage DMPs
 - State requirements on meta data sharing
 - DMPs should follow domain specific requirements and be machine actionable
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- Ensure the existence of national services and infrastructures to provide support



Persistent Identifiers

- Insist on the use of PIDs as standard for referencing entities
- PID standards should be recommended by (EOSC) for every PID type
 - To avoid assignment of multiple identifiers per object. Systems should support multiple standards so as to be compatible with other PID types already assigned.
- Support creation and adoption of national policies for PIDs for all important artefact types
 - Publications, datasets, physical persons, installations, institutions, projects, grants, software, software containers, pipelines/workflows, and of policies themselves!!
 - Coordinate the creation of these policies for compatibility reasons
 - Raise awareness and support standardisation and use of PIDs for 'uncommon' artefacts
- Ensure integration of repository services and persistent identifier services for every digital object

Aspects of data protection

- Standardised exceptions for not sharing data should be developed and promoted in associated policy guidance
- Conflicts of national laws with the sectorial (e.g health, genetics) applicable frameworks
 - Harmonisation of pseudonymization / anonymization procedures
 - Standardise roles and responsibilities within the research center, funding body
 - Put the responsibility of taking care of data management with the principal investigator
 - The European data protection regulation has solved a range of privacy issues and handling of personal data but does not address the research needs to cross-border collaboration on sensitive data
- Harmonisation of data protection regulations is helped through European-wide codes of conduct and practical how-to-do guidelines

Policy actions and national law

- National legal and policy take precedence for institutional - Law trumps policy
 - Define and implement national strategies and policies on Open Science
 - Make OS policies integral part of national research framework and legislation
- Copyright and publications
 - Introduce the principle of "open repository by design" in copyright law.
 - Introduce specific rules for the scientific sector in copyright law, e.g., second publication right
- Common understanding of law is essential for consistent implementation throughout Europe
 - Address legal needs via technical solutions as a first measure for researchers and administrators dealing with legal aspects, i.e. IPR and copyright
 - Require expertise in organisations, including legal support

Conclusions

- Increase awareness and provide easy to use guidelines
- Raise awareness of the importance of EOSC affecting policies at decision making/funding level
- Support sharing of resources across countries by the creation of soft laws
- Introduce the science case in national copyright law and account for Open Access, Open Science, FAIR principles
- Provide researchers with the right expertise and support at organisational level (including legal support)
- Further harmonise content and enforcement of DMPs and support use of PIDs for all, including 'uncommon', artefacts; standardise both

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References, resources, tools

- EOSC Nordic
 - D2.3: Open Science in the Nordics: Legal Insights zenodo.org/record/5541411
 - D2.7: Open Science in the Nordics: Recommendations on Legal Issues zenodo.org/record/5713297
 - D2.8: Open Science policies and resource provisioning in the Nordic and Baltic countries (final report): <https://zenodo.org/record/6503709#.YmulD-hBw2w>
- EOSC-Pillar
 - D4.6: Legal and Policy Framework: <https://zenodo.org/record/5647948>
- FAIRsFAIR
 - Policy resources available from <https://fairsfair.eu/policy-recommendations-and-support-programme>
 - Checklist to help you harmonise your policy with the FAIR principles
 - Step by step guide to creating a structured version of your policy
- NI4OS
 - Stakeholder map, inventory, policy matrix: <https://zenodo.org/record/3736129#.YmuqjOhBxZI>
 - National OSC initiatives models: <https://zenodo.org/record/4061801#.YmurKOhBxZI>
 - Incentives for supporting ORDM and FAIR: <https://zenodo.org/record/3736148#.YmurjOhBxZI>
 - Data repository integration and ORDM/FAIR compliance guidelines: <https://zenodo.org/record/3736150#.Ymurx-hBxZI>