

Partners



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OSTrails ensures that research is seamlessly **PLANNED**, effectively **TRACKED**, and comprehensively **ASSESSED**, creating a fully connected, FAIR-driven Open Science ecosystem.

PLAN – Smarter Research Management

- Transforms DMPs into living, streamlined machine-actionable resources. **No more PDFs!**
- Enables automated FAIR assessments and real-time updates.



TRACK – Research Connectivity for Impact

- Expands Scientific Knowledge Graphs to include maDMPs and FAIR assessments.
- Connects national CRIS, ESFRI catalogues, and EOSC services.



ASSESS – From FAIR Assessment to FAIR Assistance

- Harmonizes FAIR assessment tools for consistency and interoperability.
- Embeds modular and flexible FAIR tests into RDM tools.



Interoperability

- FAIRness Reference Model**
A framework to guide FAIR adoption at every research stage.
- OSTrails Interoperability Reference Architecture**
Standards and protocols for connecting services and sharing SKGs, maDMPs, FAIRTests.

Federation

- OSTrails Commons**
A Resource Hub to share models, specs, tools.
- Enhanced Platforms and Services**
Optimized RDM platforms, SKGs, FAIR Assessors in alignment with OSTrails Interoperability Guidelines.

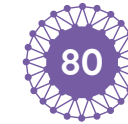
Assessment

- FAIR Tests/Toolkits**
Modular Tools to evaluate and improve FAIR compliance.
- DMP Evaluation Rubric & Service**
A structured framework and service for assessing DMP quality.
- SKG Research Product Quality Toolbox**
A set of annotation tools to improve quality in SKGs.

Community

- Integrated Competence Center**
Training programmes to support National and Thematic adoption.
- FAIR Guidance Toolkit**
Policy & Technical Briefs for governance structure for adoption and compliance of metrics and tests.

24 Pilots: Grounded in Diversity



Tools & Services being transformed to connect to each other



Partnering with national and domain experts, we co-create, test, and refine infrastructure solutions to:



Develop maDMP templates tailored to funder and infrastructure needs.



Link DMPs with publications, workflows, and datasets via qualified references.



Integrate FAIR metrics for funders, institutions, and researchers.



Define DMP evaluation criteria for quality assurance.



Enhance interoperability with the OpenAIRE Graph and other SKGs.

JOIN US!

If you would like to participate in our work, through a pilot or a tool, we would like to hear from you.



Horizon Europe: No 101130187
 €7,274,147.50
 40 partners
 Feb 2024 – Jan 2027