WP2: Composable Research Infrastructure Services in EOSC

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OSCARS Kick-off meeting - 14 March 2024

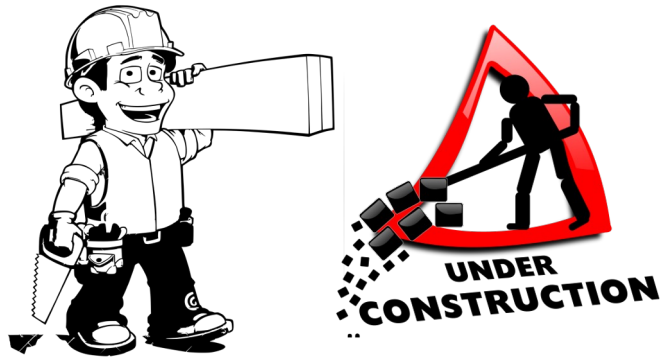# Composability = Reproducible Research Workflows? (based on Open Science practices)

- **FAIR Data Sources per Cluster (FAIRification of Data)**
- **Tools and Services (Interoperability)**
- **Research Outputs (Publications; Datasets; Code etc.)**

Strategy & Needs Analysis (WP1) - Training and Education (WP3) Engagement via Cascading Grants (WP4)

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TASK 2.1 – CONSOLIDATION
- Inventorise the Services and FAIR Data portfolios offered by each of Science Clusters
- Undertake a gap analysis to identify where these offerings may be made composable

TASK 2.2 – COMPOSABILITY
- Identify and select a set of services which, when improved, will provide the basis for their Composable Open Data and Analysis Services (CODAS).

TASK 2.3 – ENGAGEMENT
- Each Cluster will build 1-2 exemplary "Composability demonstrators"
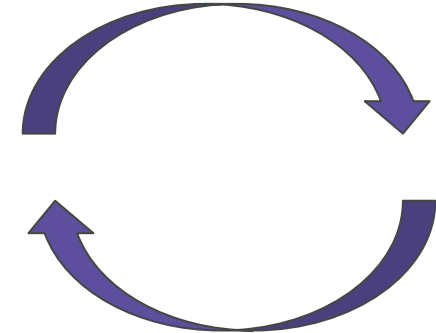- Engage researchers in order to encourage uptake and solicit feedback

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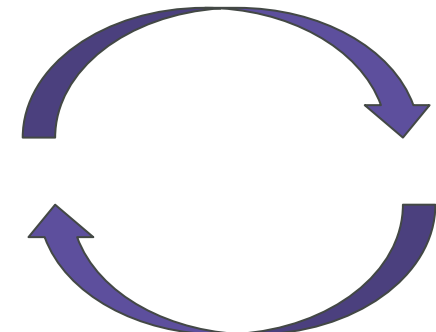**TASK 2.1 – CONSOLIDATION**

WP1   WP4

TASK 2.2 – COMPOSABILITY

WP3

TASK 2.3 – ENGAGEMENT

WP1

Strategy & Needs Analysis (WP1), Training and Education (WP3) Engagement via Cascading Grants (WP4)

TASK 2.1 – CONSOLIDATION

- **MS3: Services and Data Source Portfolio - initial version (M6, June 2024)**
  - Builds on the Services and Data Sources onboarded in EOSC Future
  - Services and Data Sources dataset under preparation for publication in Zenodo

- **MS4: Consolidation Workshop (M9, September 2024)**
  - Unconference Proposal for EOSC Symposium October 2024

- **MS5: Services and Data Source Portfolio: final version (M11, November 2024)**

D2.1 Clusters' Services and FAIR Data Sources Portfolios (DARIAH): Evaluation and Gap Analysis of the cluster-level service and data portfolios **(M13, January 2025)**

Key Interface with other projects/initiatives

- **EOSC Future Handover Team & EC, EOSC EU Node**

- **EOSC Beyond,** e.g. EOSC Integration Suite
    - Workshop @ EOSC Beyond Kick-off in Amsterdam, 17th April 2024

- **AARC TREE** (Authentication, Authorisation Infrastructure/Single sign-on)
    - Compendium of Best Practices & Recommendations

AARC

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Thank you