

# PID Policy and Implementation Task Force Charter

## Main aims

*Encapsulate the main aims of the Task Force in a few sentences*

- Provide input to the next SRIA version starting from the gaps identified in the PID ecosystem mentioned in the SRIA v 0.9, i.e., Establishing mature and recognised PID infrastructures for emerging resource types, Support for machine-actionable PIDs, PID ‘meta resolver’, Standardising the PID graph, Integration of PIDs into FAIR data management, PIDs and sensitive data, Quality of service for PIDs, New PID technologies.
- Monitor and provide community feedback on the implementation of the EOSC PID Policy and Architecture.
- Make recommendations to the EC for the integration of PID services in the EOSC ecosystem, its implementation and test.

## Open questions:

- Should we define what an “ideal” PID infrastructure should be by providing policies (e.g. we require non-commercial governing bodies) and technical requirements (e.g. the PID infrastructure should provide an API to generate and manage PID)? Should the group review and align with the Principles of Open Scholarly Infrastructure (<https://openscholarlyinfrastructure.org/>)?
- What is the EOSC decision process in the end? What is the reporting line?
- **Do we have a clear mandate from EOSC to receive the necessary involvement in current projects?**
- According to the TF members a recommendation is 2 pages max, instead a report is 5-10 pages max. Is it in line with the EOSC board expectations?

## Core activities

*Specify a basic work plan and set of activities which the group will address, highlighting key outputs / outcomes expected and a timeline for these*

- **Recommendation** identifying emerging and standardised identifiers for resource types that have not as yet become standard practice.
- **Recommendation** about global PID resolution, including instances of ‘meta resolver’, that can deal with any type of relevant identifier.
- Review efforts to develop type definitions for the most common data formats or building blocks and produce a **report** about these efforts.
- Review efforts to implement an EOSC PID graph and produce a **report** on that.

- Set up the **criteria** against which PID will be certified to join the EOSC Marketplace eventually to be implemented by tools supporting the certification of PID infrastructure against the EOSC PID Policy.
- Collect best practice PID use cases that exemplify FAIR data management and share them with the EOSC community, reviewing existing initiatives e.g. Knowledge Exchange group on PIDs (<https://www.knowledge-exchange.info/>) and DICE project (<https://www.dice-eosc.eu/>) and produce a **report**.

### Open Questions

- Since there is no funding, we surmise that no technical development is expected as an outcome of this taskforce. Can this be confirmed by the EOSC Board?

### Planned duration

*Specify how long you expect the group to run. 12-24 months is anticipated as a typical length*

- 24 months (to be confirmed by EOSC Board to align with other TFs).

### Working methodology

*Describe how the Task Force will approach its work and engage with stakeholders. Are focus groups, workshops or other forms of interaction envisaged to solicit feedback and test implementation? Also consider how the community at large will be kept informed.*

The TF recognizes the value and importance of adopting a multi-stakeholder, consultative and inclusive approach. The TF recognizes the importance to focus on the PID impact on FAIR data management.

- The TF will analyse the identified gaps in the SRIA to better understand the scope of the main aims e.g. existing best practices or existing projects that are working on these gaps.
- TF will define criteria to decide which current and past projects are relevant for the work of this TF, to name a few: DICE, EOSC-Life, ENVRI-FAIR, FREYA.
- TF will collaborate with relevant projects involved in the implementation of PID services in order to influence their output.
- TF will get in touch with the lead contact of identified projects and seek to interact in an effective way to produce an EOSC compatible outcome, addressing the gaps mentioned above.
- TF will assess and showcase best practice PID use cases to demonstrate benefits for researchers in different domains in collaboration with data repository managers.
- TF will conduct interviews with relevant stakeholders.
- TF will prepare a SWOT analysis on best practice PID use cases and conclude with recommendations based on the results.

## Dependencies

*Identify key dependencies that will affect work, such as overlap with other Task Forces, inputs required from projects or engagement from certain communities*

- Possibly the TF needs an exchange with the following EOSC TF's:
  - **Technical interoperability of data and services.** PID policy and implementation has an impact on, and partly overlap with, Technical Interoperability as well as on all the Metadata and data quality areas.
  - **Long-term data preservation.** Long-term data preservation might need other-than-data preservation, that is, metadata preservation, and for sure it will have to connect to PID policies and implementation.
  - **Metadata and data quality.** PID policy and implementation has an impact on the Metadata and data quality TF. Should we propose an assessment process for PID metadata? We will define specifications (schemata) for PID records / kernel information to support machine-actionable PIDs.
  - **Rules of Participation (RoP).** The RoP determine which services are endorsed by EOSC and PID isor will be an EOSC service.
- The implementation of the policy is dependent on the PID providers.
- TF will need to interact with projects with a clear mandate from the EOSC Board.

## Membership

*Describe the proposed membership composition and size, denoting the competencies needed within the group and how balance should be achieved to represent different stakeholders such as research communities, implementers, funders and research performing organisations*

- The size of membership should be 15-20.
- It should be a balanced group of PID users, PID experts and PID providers, like 5-6 representatives for each group including technology and domain experts.
- The members should be able to contribute to the TF goals based on a proven record of expertise, e.g. article, conference presentation, etc., and a hand-on experience of PIDs.
- The membership should focus on diversity across disciplines and using a variety of persistent identifiers.
- We suggest that the TF coordinators be involved in the selection process.

## Open questions

- Who should select the membership application in June?

## Coordinators:

- Mario Valle, ETH, Switzerland
- Gaele Bequet, ISSN IC, France

- Britta Dreyer, TIB, Germany
- Themis Zamani, GRNET, Greece

**Contributors:**

- Frank Manista (Jisc)
- Jochen Schirrwagen (OpenAIRE / University Bielefeld)
- Matt Buys (DataCite)
- Cedric Mercier (Université Paris-Saclay)
- Nathalie Fargier (Center for Direct Scientific Communication)

**Board Director:**

- Suzanne Dumouchel

**Support:**

- Iiris Liinamaa