

EOSC Association Task Force on Upskilling Countries to engage in EOSC

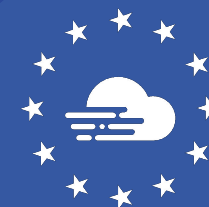
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Other coordinators:

Milena Dobрева (Sofia University), Sabina Anderberg (Stockholm University), Daniele Bonacorsi (University of Bologna)

DANS Data Trail workshop

28 September 2021



**EUROPEAN OPEN
SCIENCE CLOUD**

What are the EOSC Task Forces?

- A structure to allow Association members and others to help steer the implementation of EOSC
- TFs should liaise with EOSC projects and offer feedback and advice
- Identify strategic gaps and areas for investment to input to SRIA
- EOSC Association members can propose and lead TFs. Externals can also be members

Source: Sarah Jones, 2021, EOSC Advisory Groups & Task Forces

Strategic Research and Innovation Agenda https://www.eosc.eu/sites/default/files/EOSC-SRIA-V1.0_15Feb2021.pdf

Task Force topics

Implementation of EOSC

- Rules of Participation compliance monitoring
- PID policy and implementation
- Researcher engagement and adoption

Technical challenges on EOSC

- Technical interoperability of data and services
- Infrastructure for quality research software
- AAI Architecture

Metadata and data quality

- Semantic interoperability
- FAIR metrics and data quality

Research careers and curricula

- Data stewardship curricula and career paths
- Research careers, recognition and credit
- **Upskilling countries to engage in EOSC**

Sustaining EOSC

- Defining funding models for EOSC
- Long-term data preservation

Source: Sarah Jones, 2021, EOSC Advisory Groups & Task Forces

<https://www.eosc.eu/news/draft-charters-eosc-association-task-forces-published>

Drafting the Upskilling Countries to engage in EOSC TF charter

- **Coordinators**

Milena Dobрева (Sofia University),
Sabina Anderberg (Stockholm University),
Daniele Bonacorsi (University of Bologna)
Ellen Leenarts (DANS)

- **Volunteers (7)**

- Helen Clare (JISC), Sonja Filipaska (Ss Cyril and Methodius University), Emma Lazzeri (GARR, CNR), Jiri Marek (Masaryk University), Gintare Tautkeviciene (Kaunas University of Technology), Beatrix Weber (GEANT), Vicky Garnett (DARIAH-EU)

First draft by coordinators
(May 2021)



Input from volunteers



Final version submitted
(16 June 2021,
EOSC Symposium)

https://www.eosc.eu/sites/default/files/tfcharters/eosca_tfupskillingcountriestoengageineosc_draftcharter_20210614.pdf

Upskilling Countries to engage in EOSC

This TF recognizes the significant developments in Open Science education being addressed at Member State level within research performing organisations and disciplinary groups. It will assist in aligning skills initiatives and supporting the onboarding of these into EOSC. The task force will also promote the exchange of models across the groups.

Main aims

This task force focuses on academic and higher education institutions as its main stakeholders as well as policy making bodies introducing and implementing Open Science education and policies

- Developing a **scoping instrument** allowing comparative analysis of the state of preparedness related to skills and education on a national level.
- Capturing the information and providing a comparative analysis and suggestions for **pathways** for upskilling Open Science on a national level.
- **Supporting the dialogue** of stakeholders involved in Open Science education developments, Open Science policy making, upskilling models and strategies on a national level across Europe.

Duration: 24 months

Number of members: 26

Open Science 'facets'

Sharing documents, data and software...

Open
Notebooks

Open
Data

Open
Access

Open
Source

Citizen
Science

Open Peer
Review

Scientific
Social Network

Open
Educational
Resources

From the FOSTER project and mentioned on p.24 of the SRIA report

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Core activities: Develop a robust methodology that allows us to capture the current state, identify aims and monitor progress regarding Open Science education:

Phase 1: Preparation (6 months: Oct '21-March '21)

- Develop a scoping exercise **describing national situations** regarding Open Science education and taking **previous work** into account.
- **Liaise with stakeholders** that can provide information on ongoing developments in order to identify Open Science education models in different countries, such as overarching research communities and infrastructures, University associations, Competence Centres, EOSC implementation projects on Open Science education.
- Define various onboarding and upskilling metrics and/or **paths for success** per nation and create a harmonized plan that respects the diversities

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Phase 2: Initial implementation and refinement (6 months: April '22- Sept. '22)

- Identify **similarities and differences** in national perspectives, gaps overlapping actions, best practices and country champions, levels of engagement.
- Produce a limited number of national reports based on the scoping exercise.
- **Mapping** methodology review to capture new elements.
- Refine the plan for harmonizing Open Science education and create **recommended next steps** on a national level.

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Phase 3: Full implementation (12 months: Sept '22-Sept'23)

- Extend the initial implementation and **apply** the reviewed **mapping** to other countries.
- **Promote and support** recommended steps for engagement and onboarding with regard to Open Science education.
- Launch a communication campaign around **country champions** and possible steps for Open Science education at a national level.

What happens next?

- Members are selected from the second call for participants, and informed by the EOSC Association
- First meetings of the TFs in October
- Beginning of activities that will run for 1-2 years till Sept. 2023
 - Important for the TFs is to align with on going activities and to keep stakeholders in the loop!

Questions?



Thanks!

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Approach

- Build on previous and current work

E.g Dutch roadmap towards national implementation of FAIR data stewardship, “Digital skills for FAIR and Open Science - Report from the EOSC Executive Board Skills and Training Working Group” <https://doi.org/10.2777/59065>.

- Work in small subgroups, collecting information by open consultation, workshops etc
- Liaise with relevant initiatives and stakeholders

E.g. Research performing institutes, Funding and policy making organisations, RDA, European funded projects like EOSC Synergy, EOSC Future, FAIRsFAIR, EOSC WG Skills&Training, OpenAIRE AMKE

- Align with other TFs through intermediate meetings

Advisory Group: “Research Careers and Curricula”:

TF Research careers, recognition and credit
TF Data stewardship curricula and career paths

Advisory Group: “Implementation of EOSC”:
TF Research engagement and adoption.

Charter template

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

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

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

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.*

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

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*

Source: Sarah Jones, 2021, EOSC Advisory Groups & Task Forces

Timeline

Activity	Date
First selection of TFs coordinators and drafters	April 2021
Write charters	April-June 2021
Publish and present charters	EOSC Symposium (16 June)
Second call for TF members	Deadline end of June
Process applications and select	September 2021
Beginning of activities of TFs (for duration 1-2 years)	October 2021 – Sept. 2023