

EOSC WG on Training and Skills

*A proposal – to be discussed in the EOSC Executive Board
end of Sept 2019*

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Preamble

Digital and Open Science skills are a **cornerstone** in EOSC's operations and **future**

A great opportunity to build **long lasting capacities** through a pan-European **coordinated** training infrastructure

Institutions to **come up to speed** with open science and digital/IT developments

New Skills in **Europe Agenda**: *human capital - employability – competitiveness*

Scope

- Towards the development of a **robust** and **pervasive Training Infrastructure**.
- In-depth independent review of the current training offering and the required EOSC skills, and shared best practices
- Provide a framework for a **sustainable training infrastructure** to accompany and enhance EOSC in all its phases

Topic #1 – EOSC training infrastructure

- Define the **EOSC core skills set** and the **components of an EOSC training infrastructure**.
 - **What** – Open science skills, FAIR competences, data curation, data science, legal, ethics, business.
 - **Who** – Roles and responsibilities (incl. certification of trainers).
 - **How** –
 - a. Models of training programmes/material (courses, curricula, etc.) and target groups addressing different stages of the life-cycle (e.g., early career)
 - b. Ways to embed training into institutional/ RIs/disciplinary communities structures
 - c. Analysis and recommendations on quality assurance and certification mechanisms (including curation or maintenance)

Topic #2 – EOSC Training materials catalogue

- Create specifications for
 - metadata, formats, APIs, curation and certification processes, workflows
- Linked to the EOSC Portal

Topic #3 – Training organizational framework(s)

- Investigate and provide recommendations of **organizational framework(s)** for setting up sustainable training programmes at national and RI levels.
- Include
 - Identification and cost/benefit analysis of training infrastructure models
 - Exploration of practical tools (e.g. step by step guides, self-assessment, etc.)

Topic #4 – Sharing best practices

- Recommend ways to **share methodologies and best practices** to conduct training within the EOSC ecosystem for RIs, national and institutional settings
- Propose actions on what EOSC needs to do to support it

Topic #5 – EOSC training as part of the wider policy agenda

- Frame EOSC digital skills in the wider European agenda for skills
 - New Skills in Europe Agenda how EOSC matches the adopted framework for establishing *human capital - employability – competitiveness*
- Provide recommendations to MS/AC on how to include EOSC training infrastructure in **national strategies and policies**.