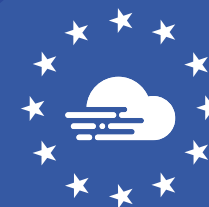


EOSC Skills and Training

Chairs: Natalia Manola (OpenAIRE), Vinciane Gaillard (EUA)

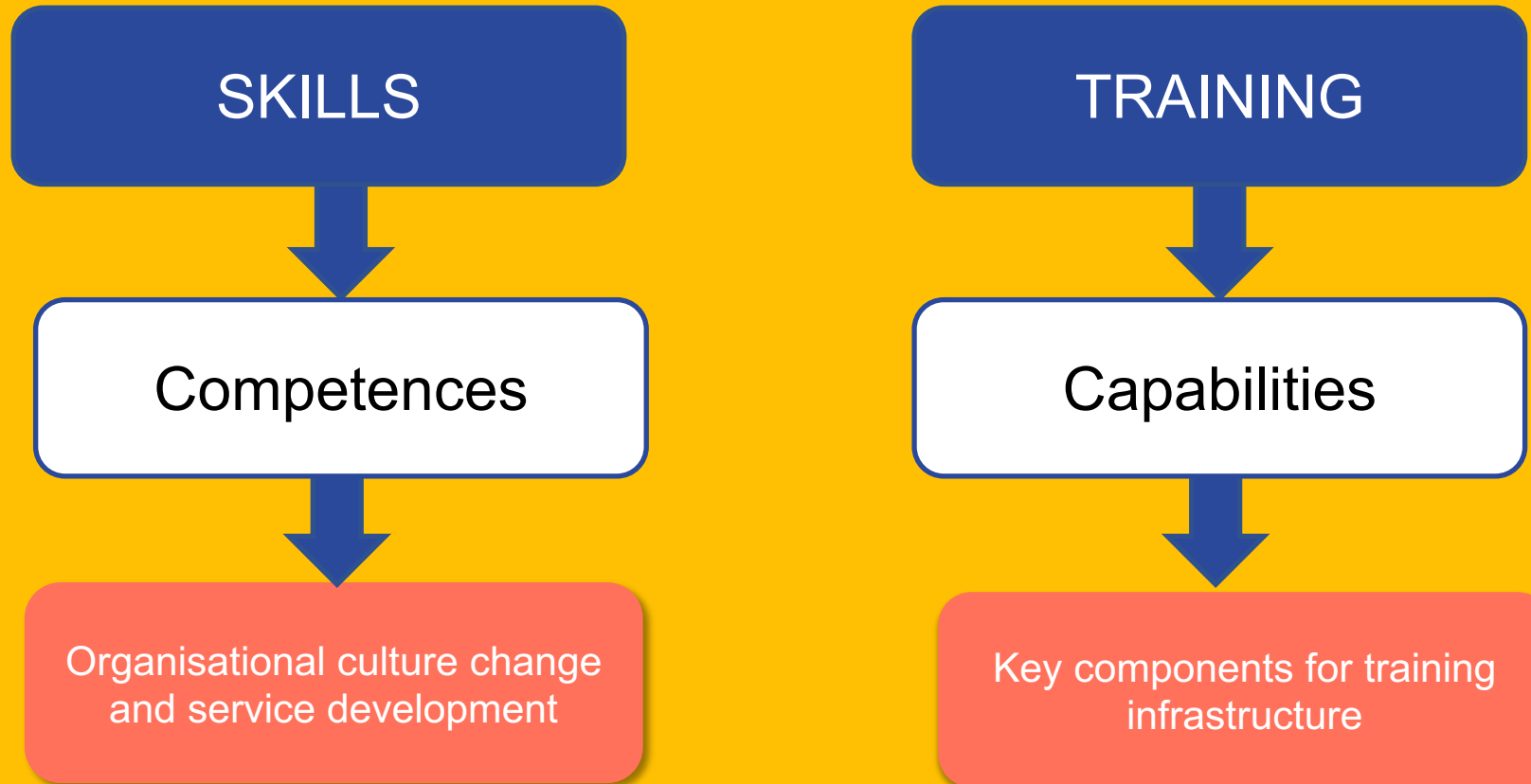
Rapporteur: Iryna Kuchma (EIFL)

2nd ESFRI RIs-EOSC Workshop "Research Infrastructures
shaping EOSC" goes digital



**EUROPEAN OPEN
SCIENCE CLOUD**

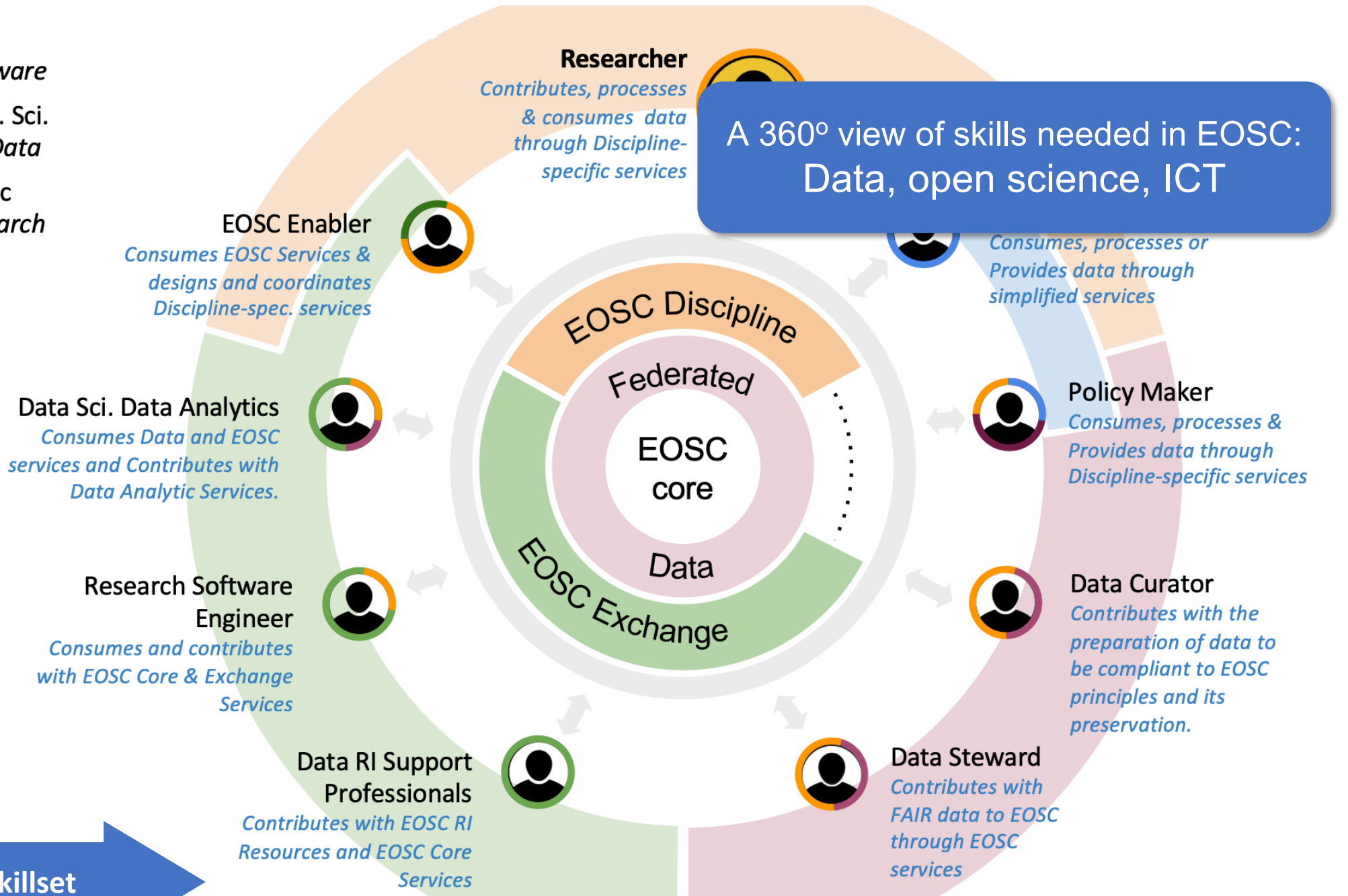
Objective: Provide a framework for a sustainable training infrastructure for EOSC



4 task forces



-  ICT-Specific
Developing Software
-  Library & inform. Sci.
Understanding Data
-  Discipline Specific
Conducting Research
-  General Public



01 EOSC minimal skillset

Skillset – 1st draft

Understanding and applying FAIR principles (RDM, infrastructures)

Data publication and preservation (organization and/or scientific level)

Open Science, including legal, ethics, communication

Data Science / data analytics

ICT: deploy and maintain EOSC core and exchange services services related to processing and storage, or to data resources such as repositories and databases

ICT/data: design and coordinate the development of new high-level EOSC discipline-specific services

Competence centers

Ongoing interviews

Scope: Organizational models for **the training and skills elements** of competence centers

Competence centers s → **emphasis on plural**

- Digital skills covering all aspects: data, ICT, open science
- Not a centralized (one) body - coordination, **federation of competence centers**, EOSC compatibility
- Existing organizational models, what works & what doesn't
- 3 levels: Research Infrastructures (thematic), national & institutional (horizontal)

Study on National Strategy for Digital Skills

- Provide an overview for national Digital Skills initiatives in Europe
- Identify gaps and overlaps of existing national initiatives on Digital Skills to the envisioned EOSC Skills and Training goals and priorities proposed in the EOSC SRIA
- Analyse and provide insights on how to best position EOSC Skills and Training in Digital Skills national strategies and agendas
- Develop recommendations for policy makers with the purpose of providing well-rounded, all-inclusive (research-government-industry-public) options to include in national strategies for Digital Skills and up-skilling

Inclusion & sustainability

Interviews in 9 countries

Criteria & Scoring

- Digital economy & society
- Digital competitiveness
- Impact of ICT
- Future readiness

**European Skills Agenda - Digital Education
Action Plan (2021-2027)**

Digital Skills and Jobs Coalition

Digital Europe programme (600 mi Euros)



Ongoing interviews

Training Catalogues

- Specifications/recommendation for an EOSC training resources catalogue
 - Technical specifications for interoperability (federation)
 - Metadata standards
 - Learning paths (career profiles)
 - Vocabularies (domain specific)
 - Quality and certification aspects
- Work under way
- In collaboration with INFRAEOSC-05 projects and RDA ETHRD-IG task group on metadata for training materials
 - **Work to be up taken by INFRAEOSC-03 project**

SRIA - Priorities

Priority 1: Developing the next generation of open science professionals

- Career paths, digital skills profiles, recognition, quality assurance, life long learning, Digital Competence Centers alignment

Priority 2: Coordinating training and aligning curricula for students and researchers

- Align curricula and training with demand, discipline specificities, rewarding early career researchers for open science practices, network of researchers-champions in open science

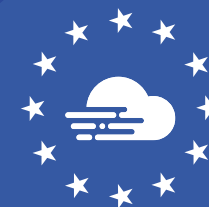
SRIA - Priorities

Priority 3: Building a trusted and long-lasting knowledge hub of learning materials and tooling

- quality assurance framework for learning material, common framework for learning pathways, development of an EOSC Knowledge/Education Hub, adoption of open learning environments, innovative ways of learning

Priority 4: Developing an EOSC leadership programme to foster the right policy environment for skills and training

Thank you!



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