

# Skills 4 eosoc

- Skills for the European
- Open Science
- Commons

## WP4: CURRICULA AND LEARNING PATHS FOR OPEN SCIENCE

Kick-off meeting, Pisa,  
September 21-22, 2022

Supporting

 eosoc



Funded by  
the European Union





# WP4 Goal

Building curricula and learning paths for *Open Science ready Institutions*.

- Undergraduate students and PhDs
- Data stewards and data professionals
  - Data librarian and curators
  - Legal and ethical experts.



# Objectives of WP4

Design harmonised **curricula and learning paths** for **OS professionals**, to ensure alignment, uniformity, quality and recognition of the acquired competences across Europe and beyond.

Define “OS essentials” to include in undergraduate and PhD courses and support professionals

Foster an **OS ecosystem** where researchers, public servants, and data stewards align curricula, training, practices and needs to make Open Science happen

Deliver **TTT (train-the-trainers) courses** for staff in competence centres and beyond



- EU CV for data Stewards and other data professionals
  - ✓ Number of universities or national bodies adopting the CV (20)
  - ✓ Number of TTT for CCs (3)
- OS essentials accreditation included in academic courses
  - ✓ Number of RPO that include “OS essentials” in their CV (20)
  - ✓ Number of students **who have acquired** OS essential skills (2000)
  - ✓ Number of TTT for CC (3)



# Effort by partner in WP4

- TUDelft → 25
- GARR → 18
- GRNET → 18
- UC3M → 16
- TAU → 15
- DTU → 13

- CSC-IT → 8
- KIT → 8
- *KUL* → 5
- TU-Wein → 5
- UEDIN → 5
- CNRS → 4

# Tasks & Deliverables

Mid-term  
Drafts

ACTION	TASKS	DLD.	INST.	DELIVERABLES	DLD.
Coordination of WP4	T4.1. Training curriculum for data stewards	M1-36	TU-Delft	D4.1 European Curriculum for data stewards (TU-Delft)	M32
	T4.2. Learning paths for data professionals	M1-36	DKB	D4.2 Learning paths for data professionals (DTU)	M34
	T4.3. OS essentials at undergraduate level	M1-36	TAU	D4.3 Open Science essentials for undergraduate programmes and Doctoral Schools (TAU, UC3M)	M36
	T4.4. OS ready PhD curricula	M1-36	UC3M		
	T4.5. Integrating ELSI in curricula and learning paths for OS ready institutions	M1-36	KUL		

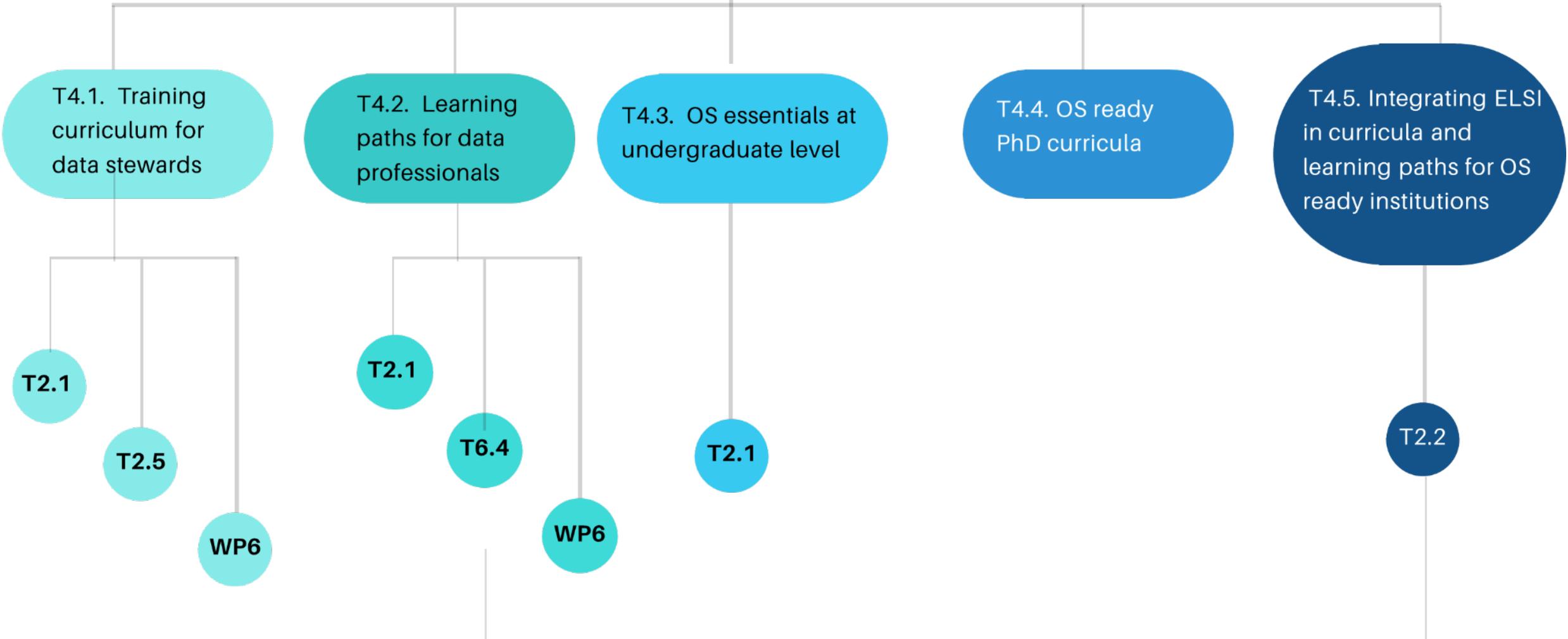
M17

M19

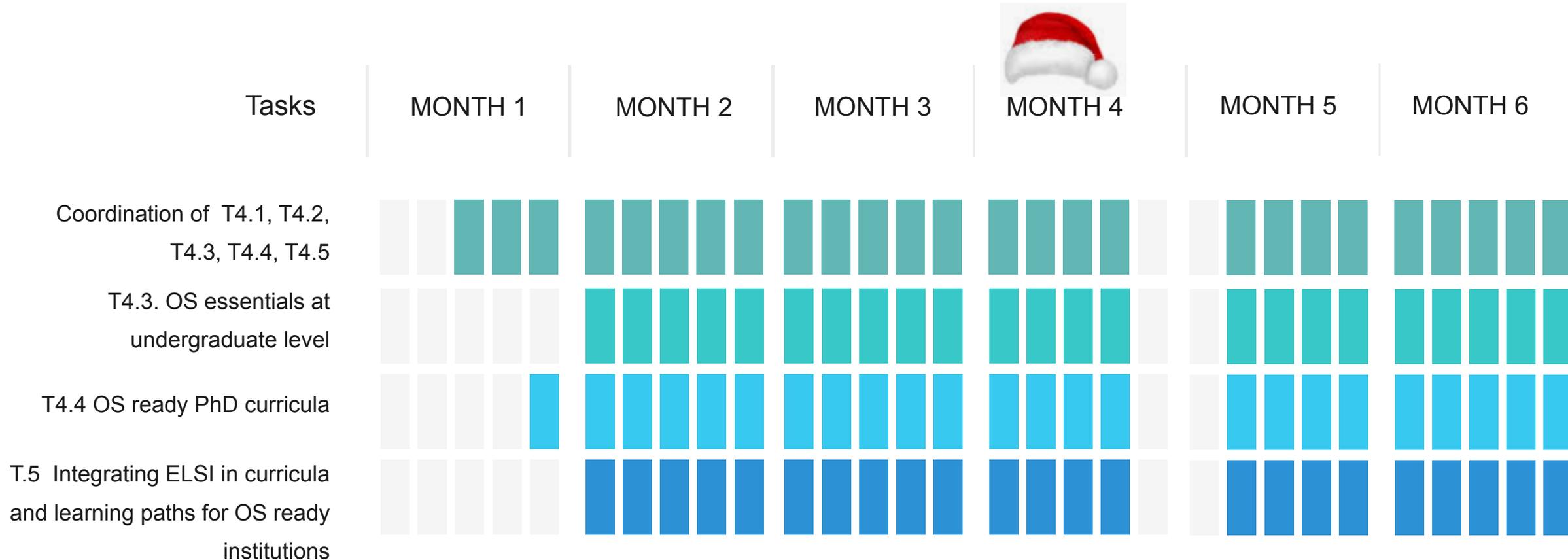
M20

WP4

# WP4 interactions



# 6 month plan (starting)



# Initial approaches

## TASKS

## DELIVERABLES

## APPROACH

## WORK FORCE

### T4.1 Training curriculum for data stewards

D4.1 European Curriculum for data stewards,

- MVS (T2.2)
- RDNL 'Essentials for Data Support'
- RDA (bottom-up)

TU Delft  
Data Stewards  
networks

### T4.2 Learning paths for data professionals

D4.2. Learning paths for data professionals,

- Professional roles (T2.1)
- TTT (WP6)
- EDISON, etc.

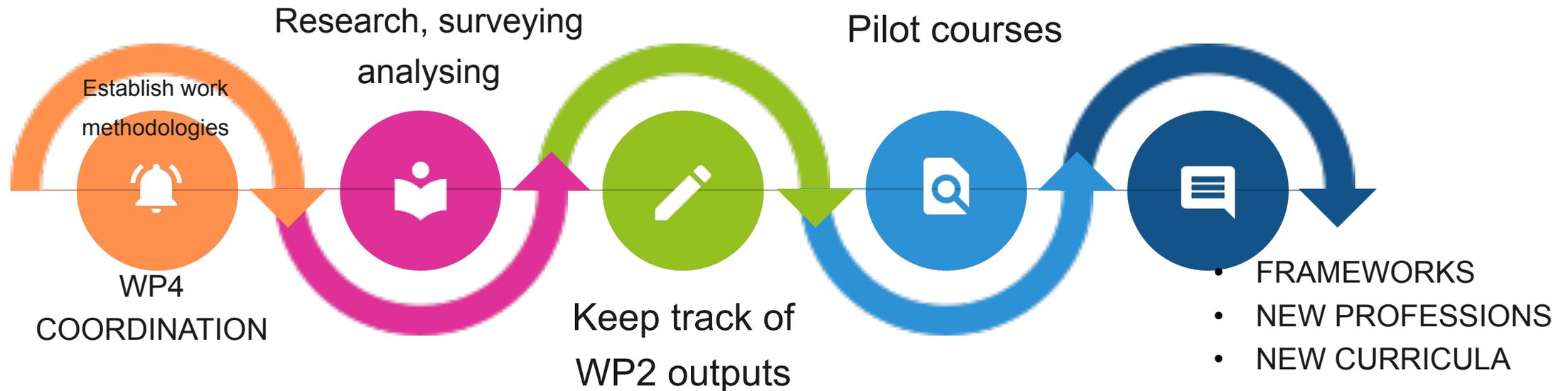
DKB  
KUL



# Initial approaches

TASKS	DELIVERABLES	APPROACH	WORK FORCE
T4.3 OS essentials at undergraduate level	D4.3 Open Science essentials for undergraduate	<ul style="list-style-type: none"> <li>EDSC (EU digital/information skills certification)?</li> <li>OS MOOC</li> </ul>	TAU UC3M KUL
T4.4 OS ready PhD curricula	programmes and Doctoral Schools	<ul style="list-style-type: none"> <li>DIOSI project</li> <li>EUA (ex. YUFE, CIVIS)</li> </ul>	UC3M TAU KUL
T4.5 Integrating ELSI in curricula and learning paths for OS ready institutions		<ul style="list-style-type: none"> <li>MVS (T2.2)</li> <li>RDNL 'Essentials for Data Support'</li> <li>RDA (bottom-up)</li> </ul>	KUL UC3M

# Workflow

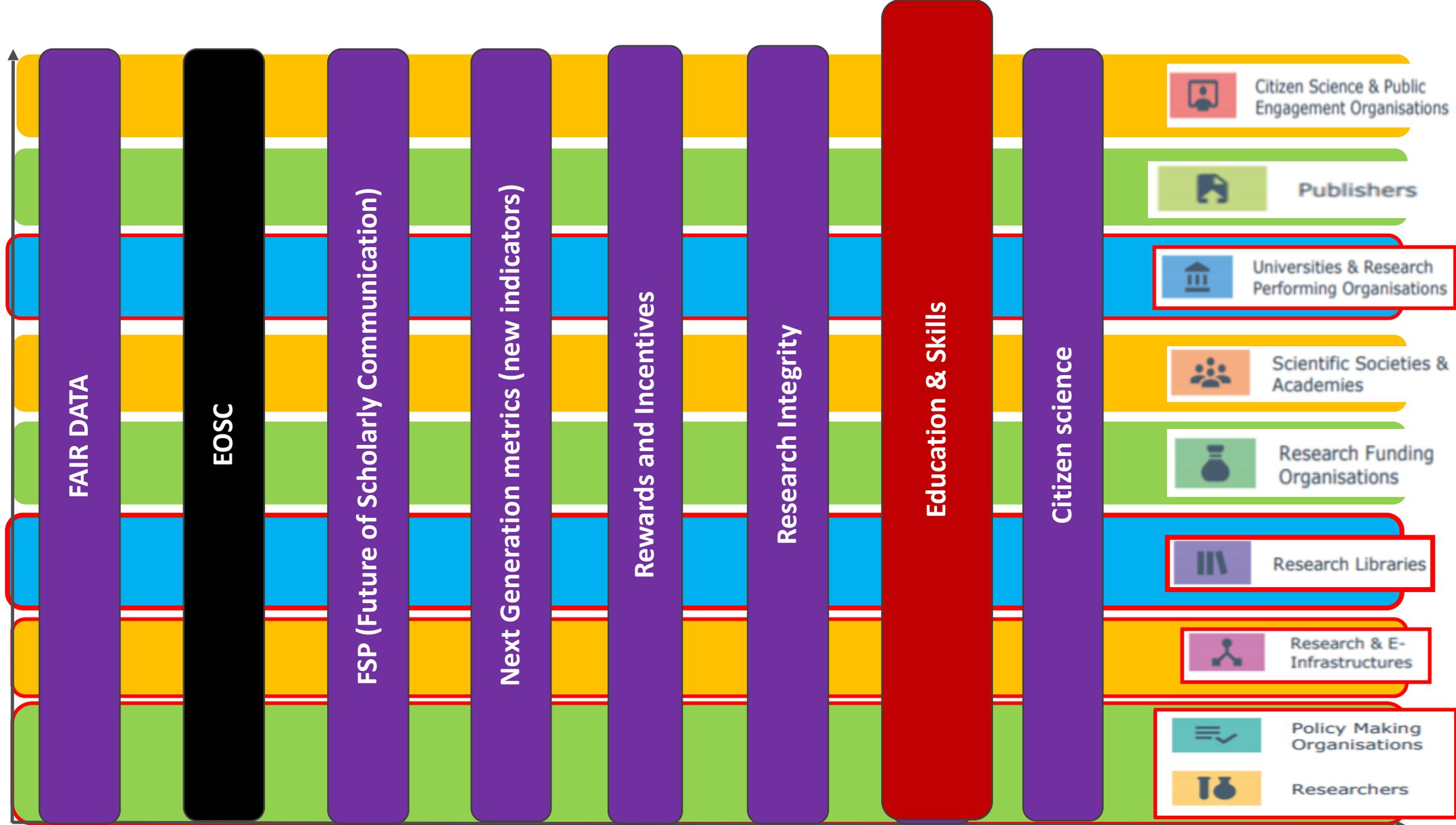


# Key issues

- Common understanding of **concepts**: “OS essentials”, “OS Ecosystem”, “OS ready institutions”, “Competence Centre”, etc. → **[Glossary?]**
- Identifying who are the “**trainers/trainees**” (TTT)
- Skilling / building **OS/EOSC** curriculum at **all levels**
  - different maturity levels of OS policies (national / institutional)
- Understanding the **scope** of:
  - [Open Science or EOSC?] education, skills, professionals?
  - “and beyond”



Stakeholders / Actors of Open Science



Open Science challenges / pillars in EUROPE

# uc3m TEAM



Eva Méndez

WP4 leader



Marina Sánchez

Project manager



Iñaki Úcar

Researcher: T4.4, T2.4



Sara Martínez

Researcher: T2.4, T4.4



Myrna Pacheco

Administrative  
officer



# WP4 TEAM

T4.1



T4.2



T4.3



T4.4



T4.5



# We want to know your insights today

[www.wooclap.com/S4EWP4](http://www.wooclap.com/S4EWP4)

How to participate?



- 1 Connect to [www.wooclap.com/S4EWP4](http://www.wooclap.com/S4EWP4)
- 2 You can participate



- 1 Not yet connected? Send **@S4EWP4** to **986 08 06 74**
- 2 You can participate



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## Thank you!

## Questions?

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