

# Skiis 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



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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

T4.1. Training curriculum for data stewards

T4.2. Learning paths for data professionals

T4.3. OS essentials at undergraduate level

T4.4. OS ready PhD curricula

T4.5. Integrating ELSI in curricula and learning paths for OS ready institutions

T2.1

T2.5

WP6

T2.1

T6.4

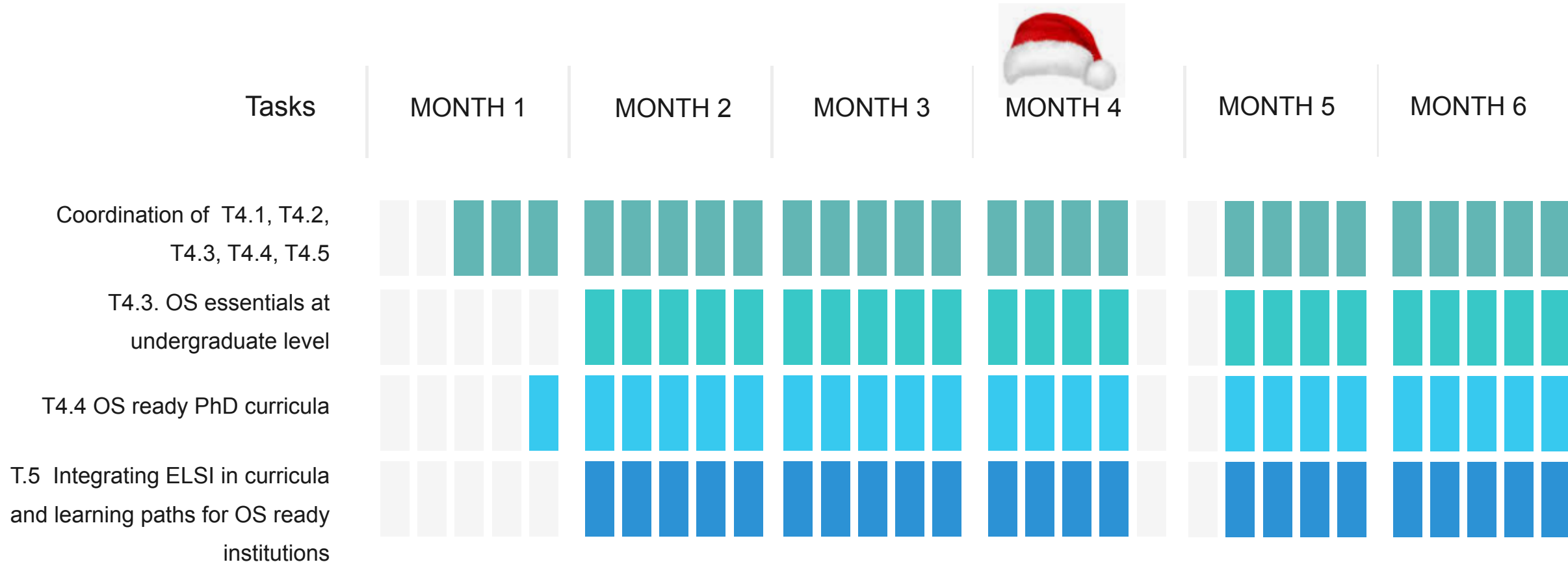
WP6

T2.1

T2.2



# 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,

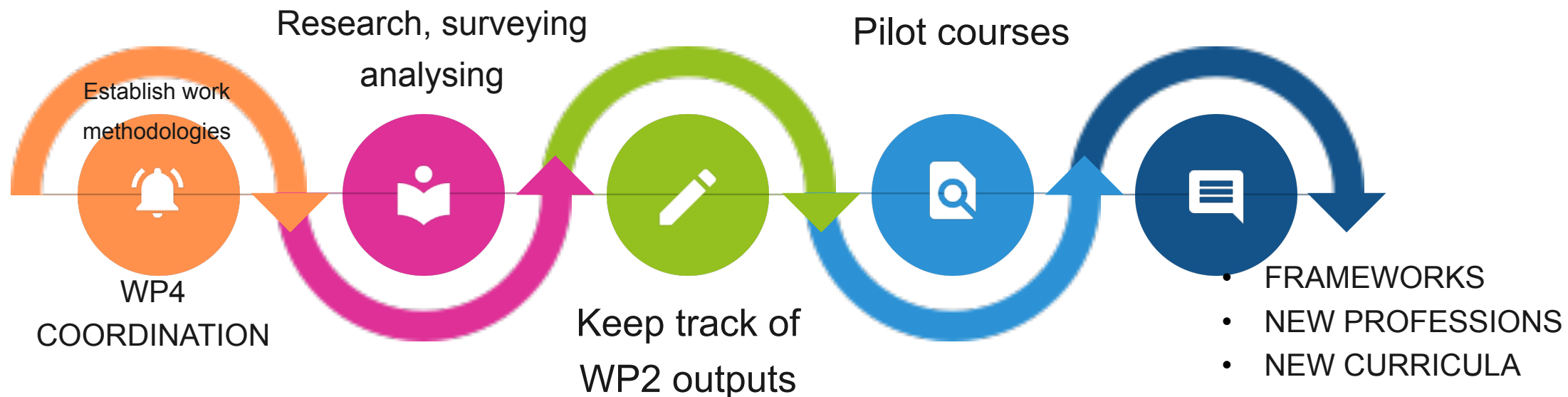
- Professional roles (T2.1)
- TTT (WP6)
- EDISON, etc.

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

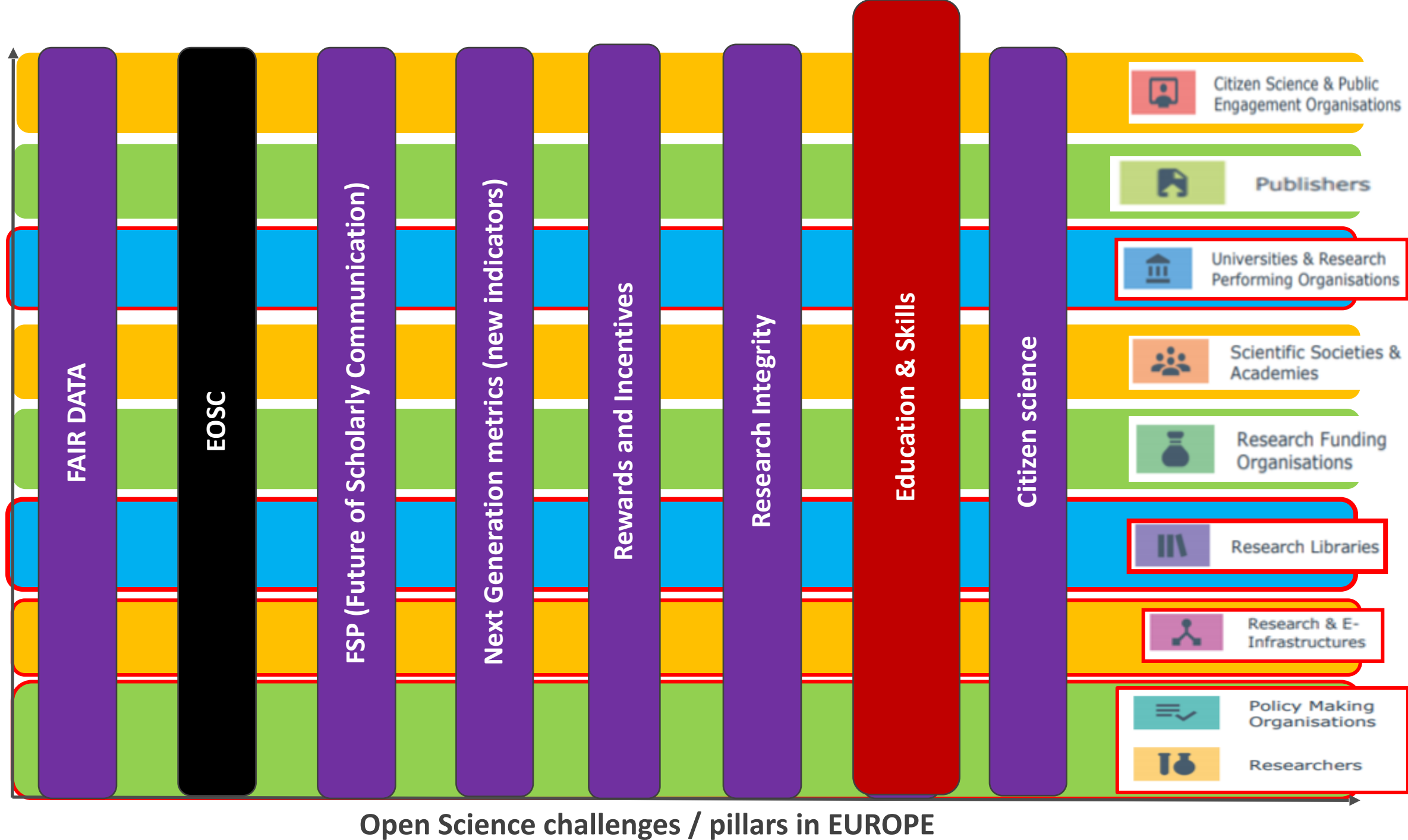


# Key issues

- 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



# 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?



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2 You can participate



1 Not yet connected? Send [@S4EWP4](#) to [986 08 06 74](#)

2 You can participate

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- Commons



Supporting



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## Thank you!

## Questions?

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