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- Skills for the European
- Open Science
- Commons

# Data Stewards Training Curriculum

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Supporting

eosc



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# Introducing the Skills4EOSC Project

[Skills4EOSC - EOSC Association](#)

**Advance Open Science (OS) skills by unifying the current training landscape into a common and trusted pan-European ecosystem**

Closing 3 gaps:

• lack of Open Science and data expertise	Addressing need for comprehensive training for Data Stewards
• lack of a clear definition of data professional profiles and corresponding career paths	Professional profile for Data Stewards (MVS)
• fragmentation in training resources	Creating one comprehensive training curriculum for entry level data stewards

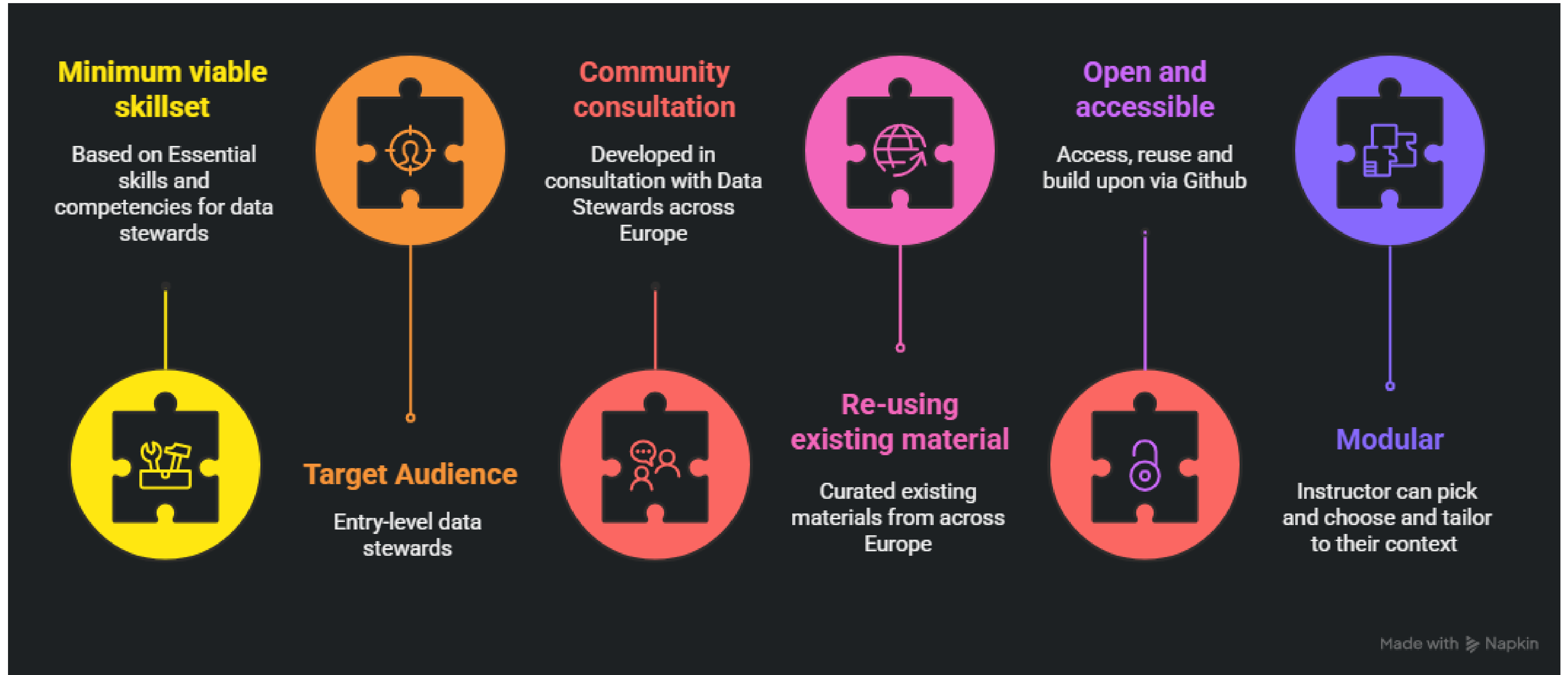




## SKILLS4EOSC PROJECT HARMONISES TRAINING CURRICULUM FOR DATA STEWARDS



# What makes this curriculum different?



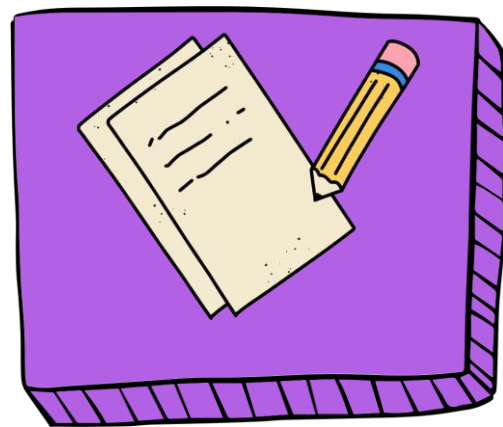
# Minimum Viable Skill Set (MVS)

[D2.1 Catalogue of Open Science Career Profiles - Minimum Viable Skillsets \(zenodo.org\)](#)

- A Minimum Viable Skillset (MVS) describes key competences required by a person occupying a professional role that applies open science methods or supports researchers to adopt and apply such methods.
- For researchers and selected professional support roles the MVS also relates competences to career levels.
- The MVS is pulled together through a landscaping exercise of resources
- The Data Steward MVS is divided into two roles (coordinator and embedded data steward)

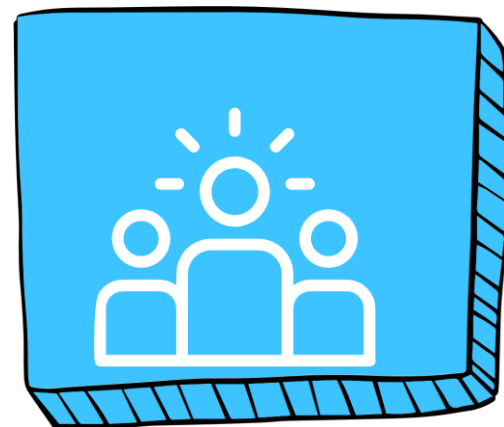
# Curriculum Design

# PROCESS



## Minimum Viable Skills

Skills and competencies for Data Stewards



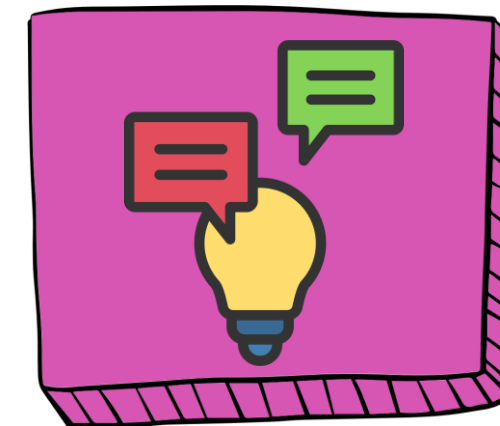
## Target Audience

Entry level data stewards (broad enough curriculum to covering a broad definition of data stewardship but not too advanced or specialised).



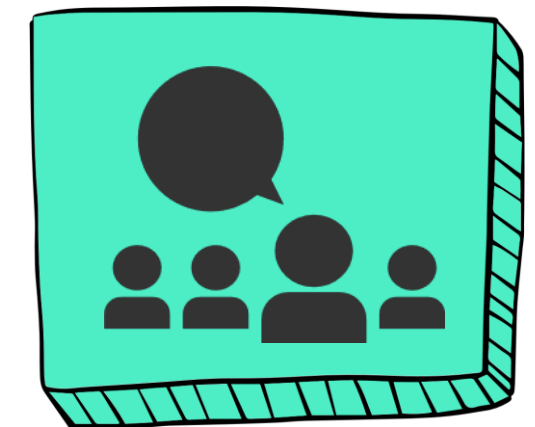
## Landscaping

Reviewed existing material and conducted gap analysis of existing curriculum.



## Curriculum Design

Backwards design model: learning objectives, learning activities, instructor notes and suggested resources.



## Consultations


Continuous consultations with Data Stewards and experts from across Europe




# What topics do you think should be included in a curriculum for data stewards?




# Overview of all sections of Training Curriculum




**Training Skills**  
Develop and deliver training for researchers and/or support staff's knowledge in Open Science, FAIR and other data management related topics.




**Research Data Management**  
Essential skills and knowledge required for proficient data management throughout the research life cycle.




**Research Software Management**  
Basic components of research software management awareness. Useful when discussing with researchers.




**Policy and Governance**  
Knowledge and skills to take into account when implementing different policies, regulations, and requirements related to data and software management.




**Usage Rights and Licenses**  
Knowledge and resources about usage rights and licensing issues, and apply these while giving advice to researchers.



**Ethics**  
Understand research integrity and ethical concerns related to research projects and learn how to mitigate risks.



**Personal Data and GDPR**  
Assist research projects in compliance in relation to personal data and also understand the basic requirements of GDPR



**Transversal/Soft Skills**  
Develop soft skills that will form the basis of mediation, communication, networking and support work

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Napkin AI

## FINALISATION

Finalisation after internal review and curriculum alignment

## CURRICULUM UPTAKE

Inviting those who want to use our curriculum within their institute

## ADVOCACY

Raise awareness that the curriculum is available



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