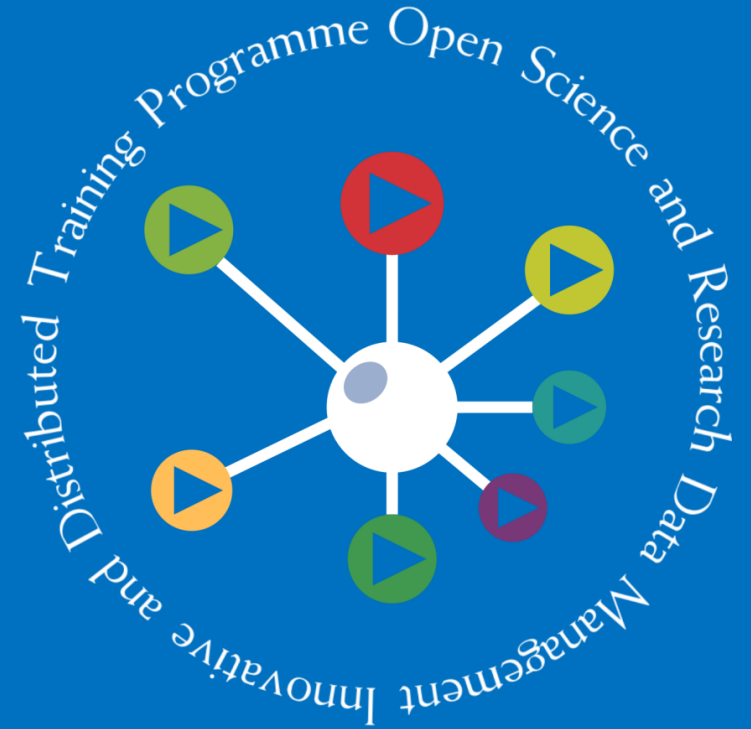# TrainRDM and MSc Open Data Management

H González-Vélez, **M Bradford**

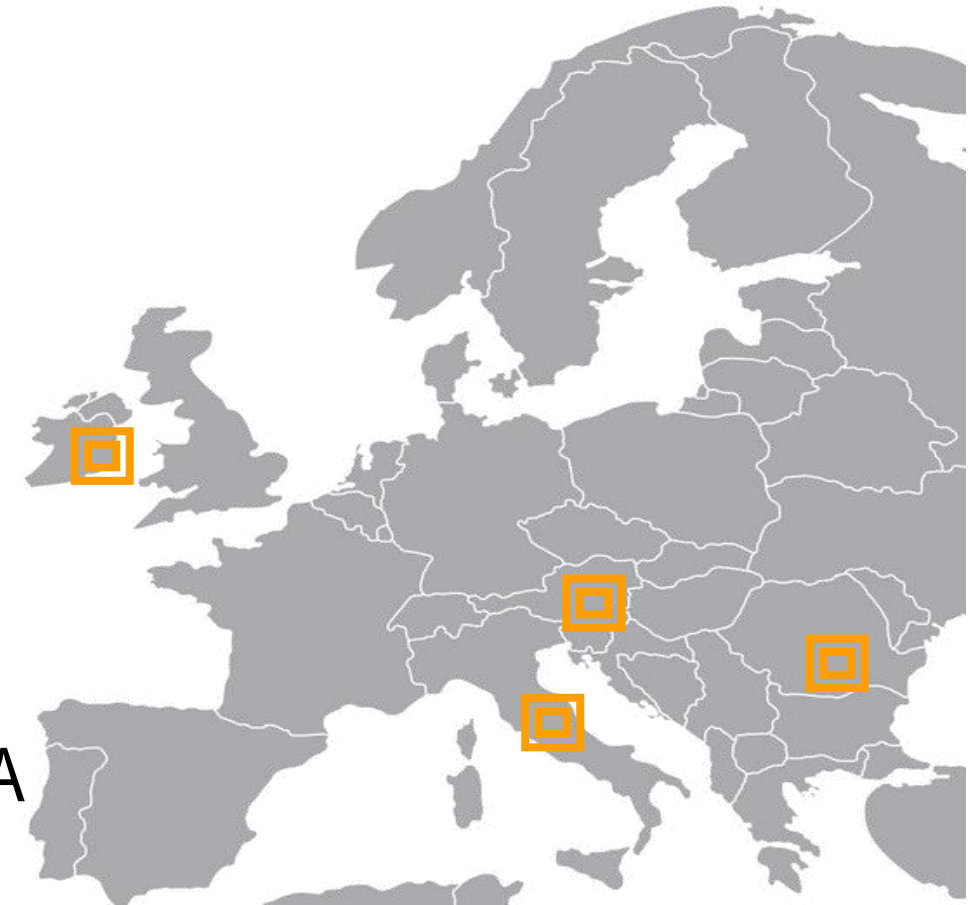Dublin Trasnational Project Meting, January 2023

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KA2 Strategic Partnership 30 Months: Nov/20 – Apr/23

Erasmus+ KA2 Strategic Partnerships are **transnational** projects designed to develop and share innovative practices and promote **cooperation**, **peer learning**, and **exchanges** of experiences in the fields of education, training, and youth.

Partners

- UNIVERSITATEA POLITEHNICA DIN BUCURESTI

- TECHNISCHE UNIVERSITAET WIEN

- NATIONAL COLLEGE OF IRELAND

- DIGITAL TECHNOLOGY SKILLS LIMITED

- UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA
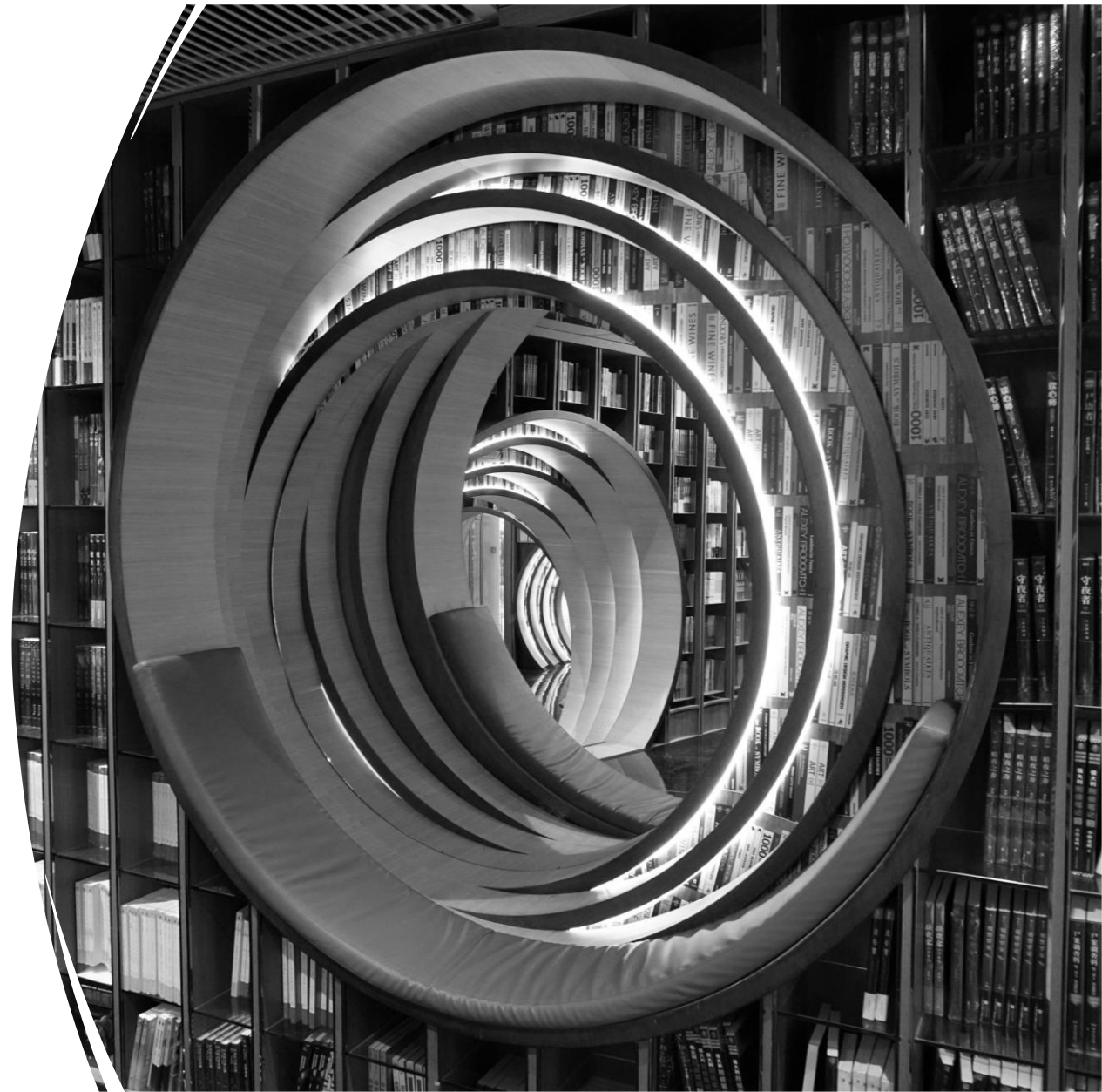
- ICI BUCURESTI

AIM

Empower the **Education** and **Skills** dimension of **Open Science** to provide the skills training in **Research Data Management**
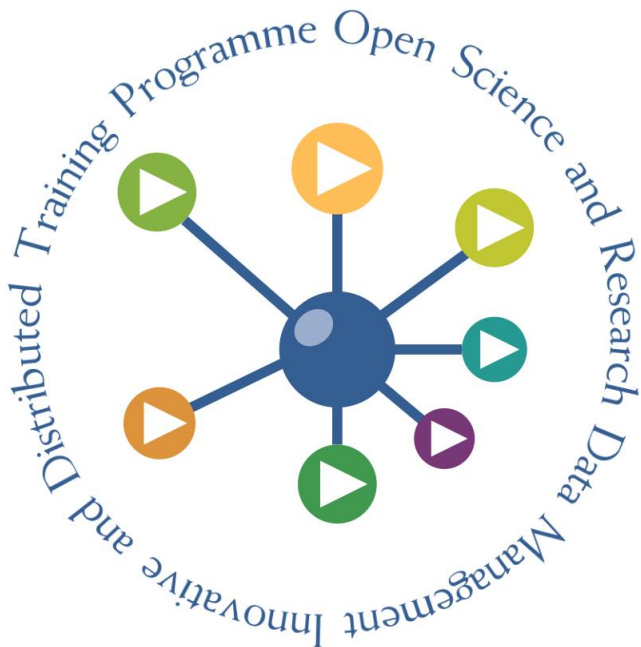
Open Science

- Cooperative work and new ways of diffusing knowledge by using digital technologies and new collaborative tools (EC (2016)).

- Make the outputs of publicly funded research results publicly accessible in digital format with no or minimal restriction (OECD (2015)).

The FAIR Principles

Findability

Accessibility

Interoperability

Reusability

Wilkinson, M., Dumontier, M., Aalbersberg, I. *et al.* The FAIR Guiding Principles for scientific data management and stewardship. *Sci Data* **3**, 160018 (2016). https://doi.org/10.1038/sdata.2016.18

Key Outputs

- Methodological Toolkit

- Joint Design of MSc Programme

- Distributed eLearning Platform

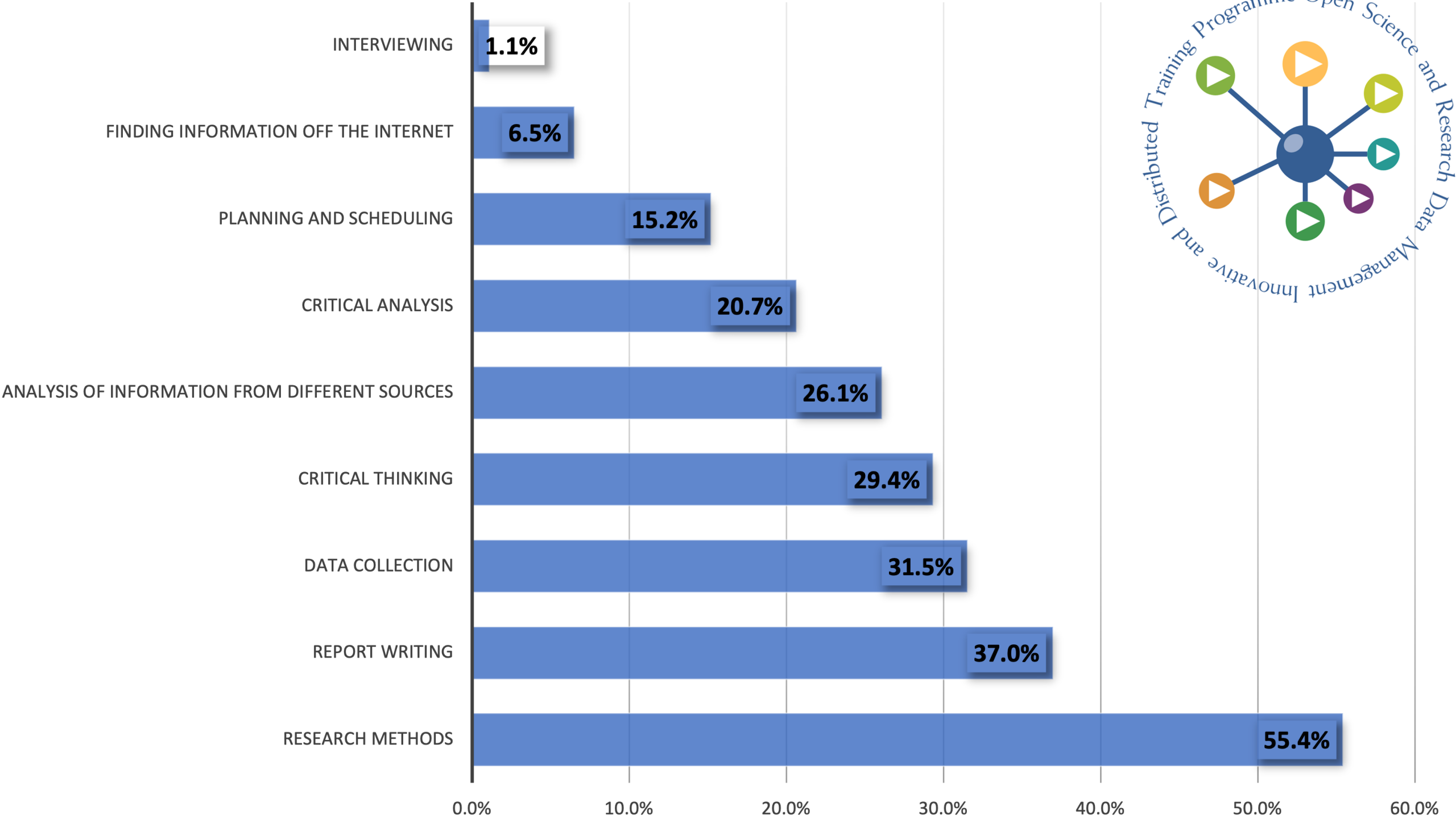# Toolkit

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Survey

- Part 1: Everyone
    - 239 Responses
    - 2.58M Researchers @ 90% +/- 5%
- Part 2: Partners only
    - 11 Responses

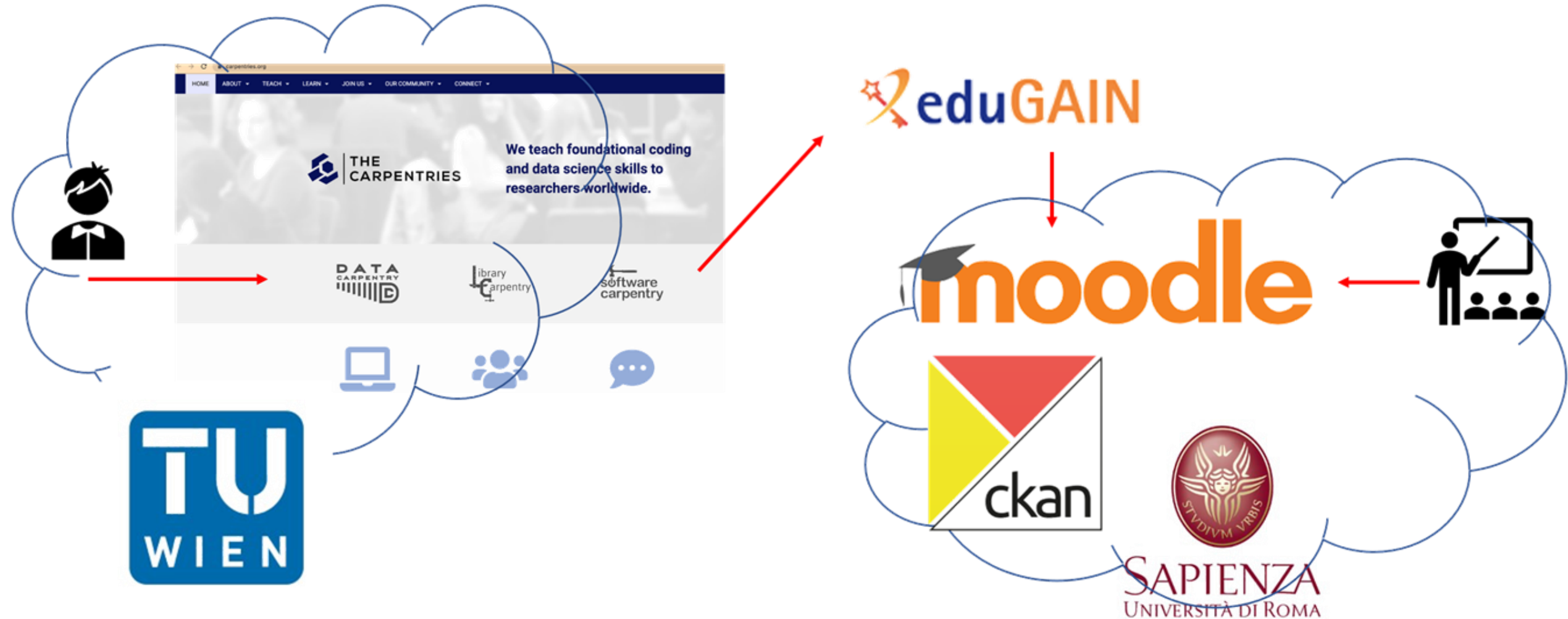|	
INTERVIEWING	1.1%
FINDING INFORMATION OFF THE INTERNET	6.5%
PLANNING AND SCHEDULING	15.2%
CRITICAL ANALYSIS	20.7%
ANALYSIS OF INFORMATION FROM DIFFERENT SOURCES	26.1%
CRITICAL THINKING	29.4%
DATA COLLECTION	31.5%
REPORT WRITING	37.0%
RESEARCH METHODS	55.4%

0.0%   10.0%   20.0%   30.0%   40.0%   50.0%   60.0%

Competencies Matrix

Competency	UPB	TUW	NCI	DTSL	SAPIENZA	ICI
Data Management Plan		✓				✓
Research Ethics		✓	✓		✓	
Data Stewardship		✓				✓
Data Protection		✓	✓			
IPR		✓		✓	✓	
FAIR	✓	✓	✓		✓	
Data Visualisation		✓				
Data Analytics	✓		✓			
Federated Content Management Systems	✓		✓			✓
GDPR	✓		✓			
Open Innovation				✓	✓	
Open Science	✓					✓
Open Source				✓		✓

Distributed eLearning Platform

`rdmtraininghub.eu`

Distributed Moodle/eduGAIN

MSc Programme

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Michael Bradford
Programme Director

European Credit Transfer and Accumulation System (ECTS) is a tool of the European Higher Education Area for making studies and courses more transparent.
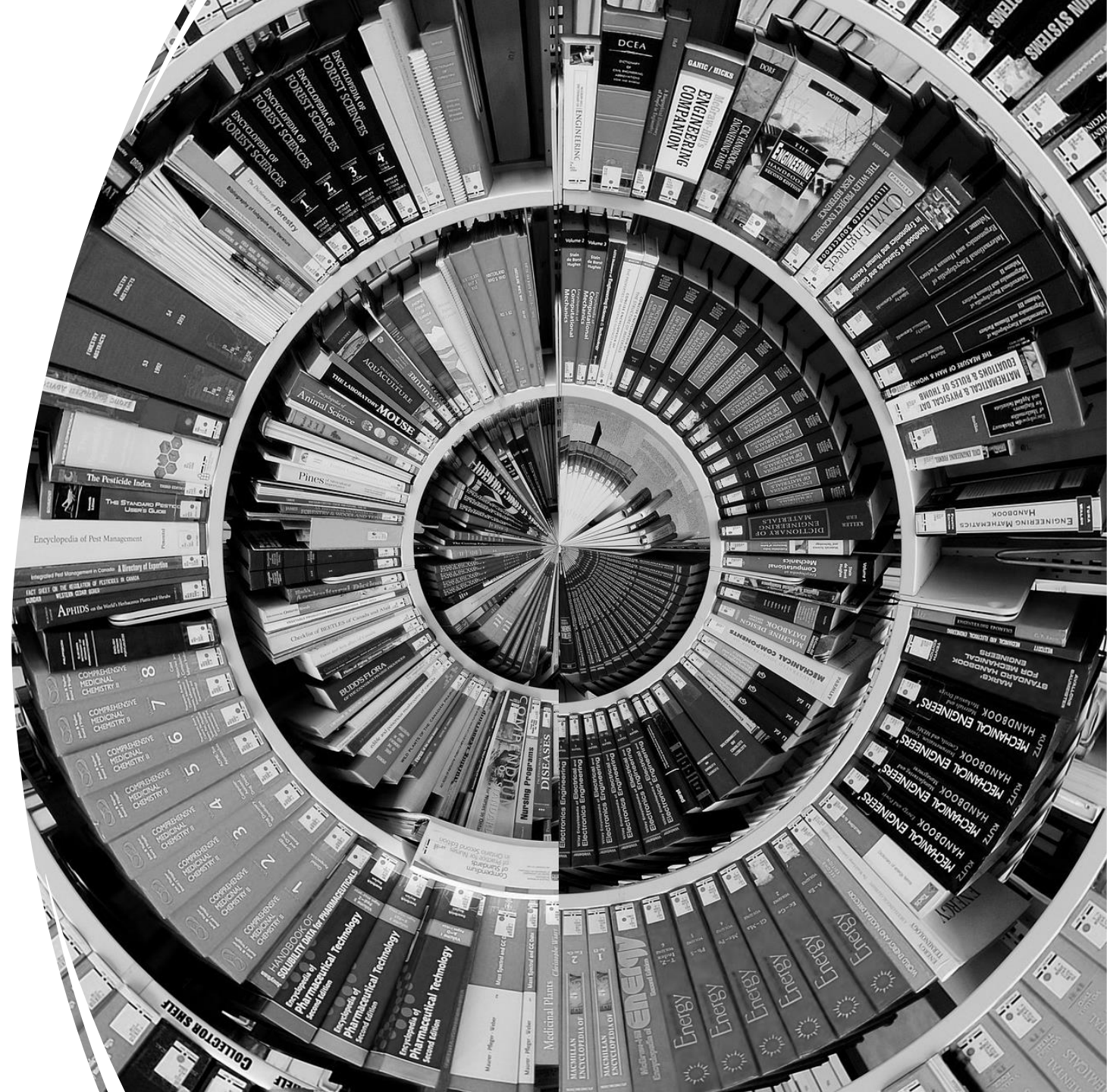
Further steps

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Validation @ Ireland

- Initial Programme Lifecycle Approval JAN-FEB 2022
- Internal/Industry Panel
  - Winter 2022
- QQI panel
  - Internal Panel: Jan 23
  - QQI Panel: Apr-May 23
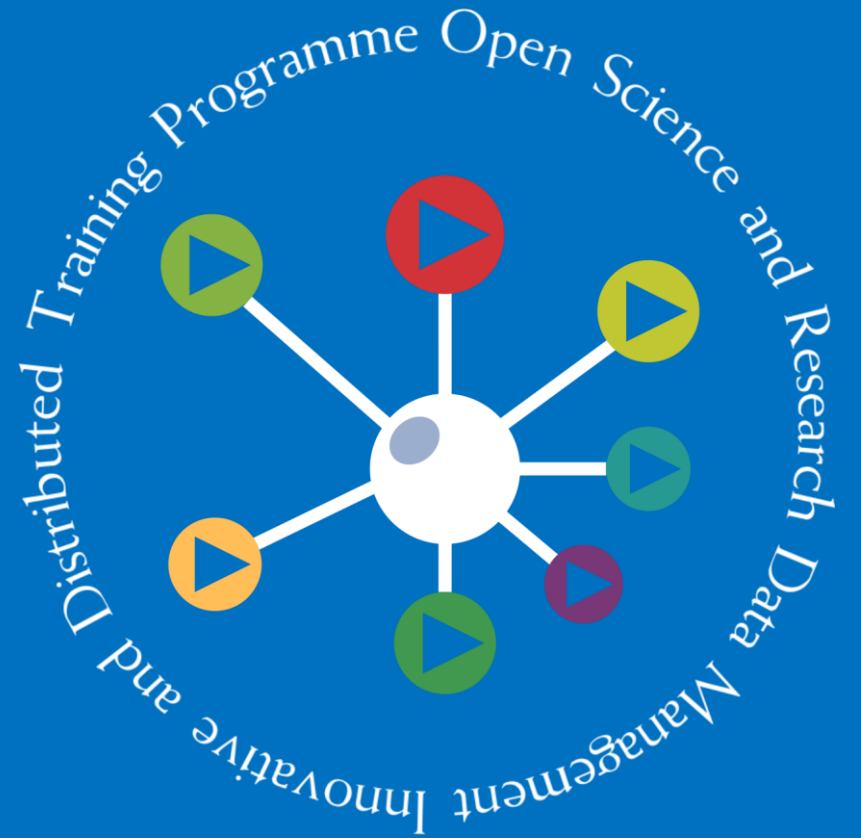- Official Approval
  - Summer 2023
- First Cohort
  - January 2024

THANK YOU!

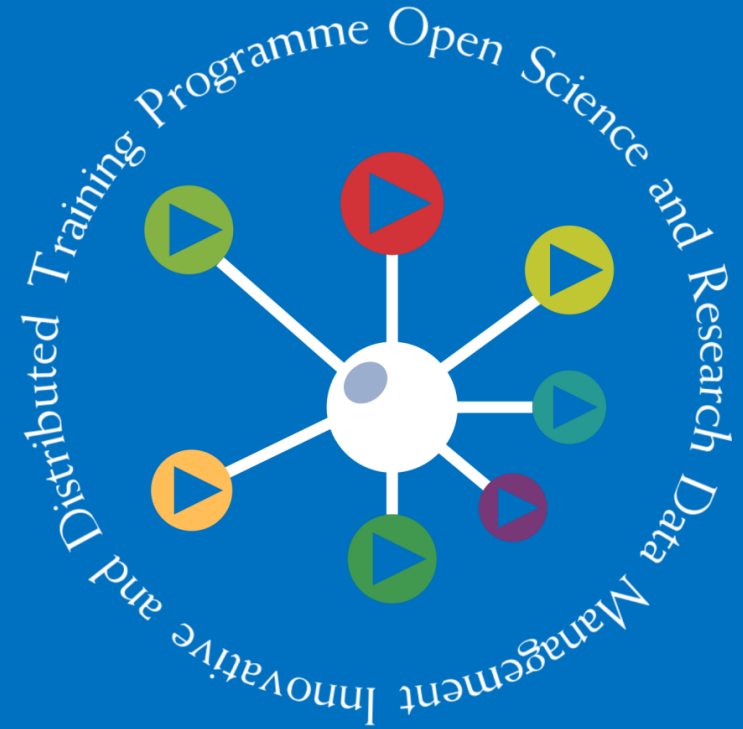Follow us

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Open Science & Research Data Management: a FAIR European PG Programme

H González-Vélez, C Dobre, B Sánchez-Solis, G Antinucci, D Feenan, D Gheorghe

Dublin Trasnational Project Meting, January 2023

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