PATTERN.

Empowering Open and Responsible Research and Innovation

Piloting updates

PATTERN 1st Learning Cycle outcomes

Funded by the European Union

Introduction

Project Objective:

PATTERN (Piloting open and responsible Activities and Trainings Towards the Enhancement of Researchers Networks) aims to promote Open and Responsible Research and Innovation (RRI) through targeted **training for researchers at all career stages**, helping institutions across the ERA to embed RRI into their practices.

1st Learning Cycle Focus

The first learning cycle (piloted in 14 organisations) involved testing newly developed training modules across a variety of themes, including:

- Citizen Science
- Research Integrity
- Open Access
- Dissemination & Exploitation of Research Results
- FAIR Research Data Management (FAIR RDM)
- Gender Equality Non-Discrimination and Inclusion: With and Within Research
- Science Communication towards media and policy makers
- Mental health leadership for early career researchers

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Overview of PATTERN
1st Learning Cycle by Pilot Organisation

- **All the outcomes of pilot organisations** are presented **from the 1st Learning Cycle**, divided into 3 main pillars:

Key results	Positive aspects	Negative aspects

Get in touch

info@pattern-openresearch.eu

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PATTERN Results of the 1st Learning Cycle

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the European Union

AARHUS UNIVERSITY

AU
Aarhus University

Citizen science pilots

Denmark

Funded by
the European Union

Piloting Sumary

ORGANISATION

AU

FOCUS

Citizen Science

PARTICIPANTS

287

DELIVERY SUMMARY

13
In-person sessions (students)

1
Workshop (researchers)

2
Online mixed Sessions.

WHAT WORKED

Guided case studies, breakout rooms, well-prepared facilitators.

CHALLENGES

Platform UX issues (comment section), room closures if low attendance.

SUGGESTIONS

Use clickable cards for comments, flexible participant room management.

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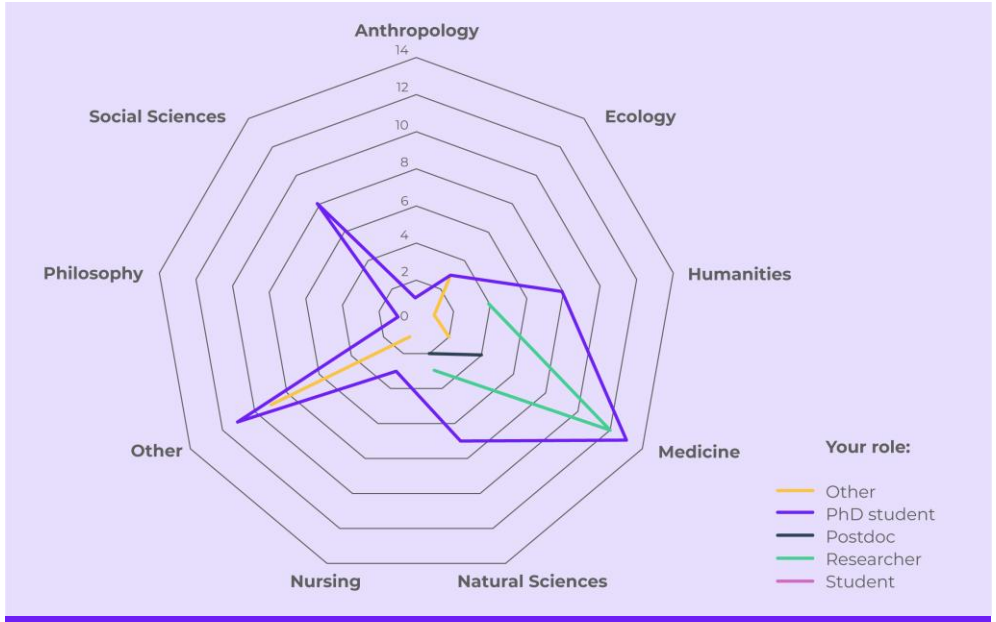
Main results achieved - Citizen science

- **Number of sessions run**
  - 13 in-person with students;
    1 in-person workshop with researchers;
    2 online with students
    & researchers from 4 pilot organisations

- **Materials**
  - Materials developed for 2 CS-related modules incl.: powerpoint presentations and 8 case study descriptions

- **Participants (287)**
  - Many different fields, webinars ->
  - In-person: biology, chemistry, agro-biology students



Shows CS is relevant in all fields!

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the European Union

What worked – suggestions for improvement

Citizen science

Use of case studies

Facilitators to prepare guided 'walk-through' of case study, allowing participants time to ask questions and discuss anything that comes up.

The Projects Platform

The comments section format is not ideal when using it to pose questions to participants. Maybe 'cards' could be made, one for each question (participants click on that and have all comments on the following page – easy overview of questions)?

Breakout rooms & facilitators

And have intro/prep meeting with facilitators to prepare them

- Ideally set a min. number of participants (3+facilitator), otherwise close room.

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What didn’t work – challenges/criticalities

Citizen science

Have enough facilitators for breakout rooms!	Have enough different case studies to fit participants' interests	Be flexible
We did have enough, but this is likely to be an issue in some cases, so worth noting.	and have qualified facilitator for each case study (we did have enough, but this is likely to be an issue in some cases, so worth noting).	During (especially online) trainings to adapt, e.g. cancel breakout rooms, if a lot fewer participants show up compared to how many registered.

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SISSA

SISSA
Scuola Internazionale Superiore di Studi Avanzati

Italy

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Piloting Sumary

ORGANISATION

SISSA

FOCUS

D&E + Science Communication

PARTICIPANTS

44

DELIVERY SUMMARY

4

sessions (2 D&E, 2 SC), with attendance of 7-10 per session.

WHAT WORKED

Engaged discussions in SC modules.

CHALLENGES

Low participation, unused platforms (OpenPlato/Projects).

SUGGESTIONS

Add practical examples, improve visual content, increase platform use.

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Main results achieved

- **Pilot of Disseminationa and Exploitation course last November/December in 2 online sessions held by APRE and LOBA**
  - 14 registered-> 7 present;
  - 13 registered -> 7 presente.
- **Pilot of 2 out of 5 modules of the Science Communication Course in live sessions held by SISSA team using the material developed**
  - 21 registered -> 10 present;
  - 15 registered -> 7 present;
  - 3 more modules to come.

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the European Union

What worked – suggestions for improvement

D&E:	Science communication:	Science communication:
It was suggested to reduce the amount of text in some of the slides and to reduce a bit the part related to the visual identity.	Up to know the participants were really engaged in the discussion and in the practical activities.	The first module, which is introductory, could include more practical examples of good and bad communication.

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What didn’t work – challenges/criticalities

The participation was limited:	Science communication:
In general, only half of the registered people really showed up	We have not used the platforms as we are still working on it (the material for trainers is being moved to Openplato, while Projects has not been implemented for this cycle).

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the European Union

LPI
Learning Planet Institute

France

Funded by
the European Union

Piloting Sumary

ORGANISATION

LPI

FOCUS

Hybrid sessions
(multiple modules)

PARTICIPANTS

391

DELIVERY SUMMARY

307
on-site

84
online

WHAT WORKED

Adaptation to
local context.

CHALLENGES

Hybrid session
management, local
adaptation effort.

SUGGESTIONS

Allow time for local
translations and setup.

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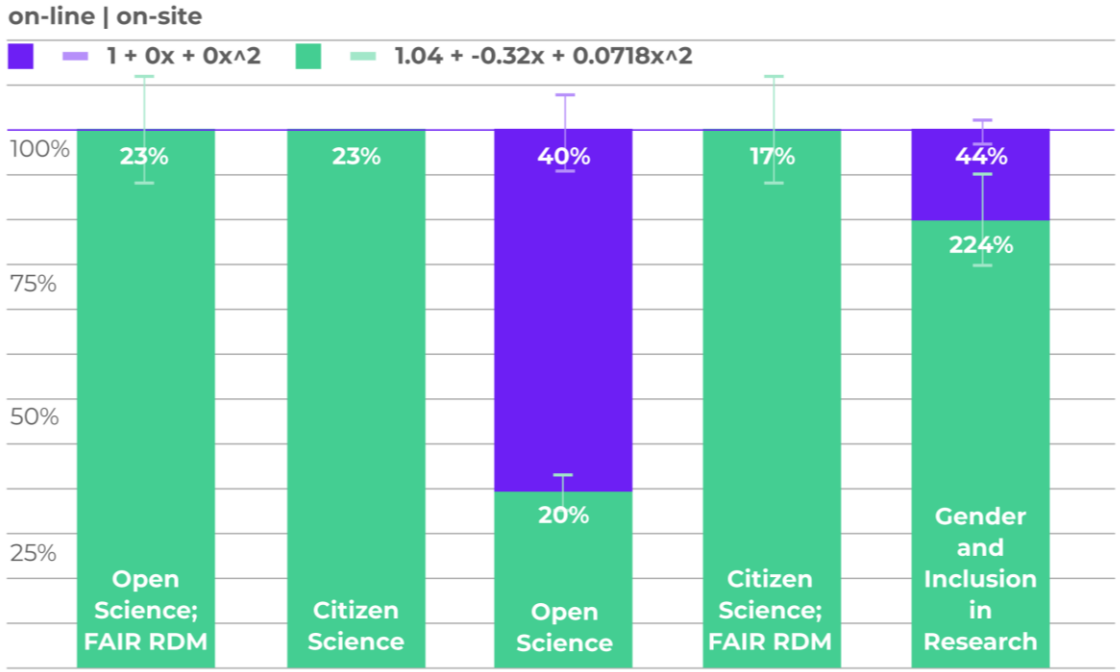
the European Union

Main results achieved

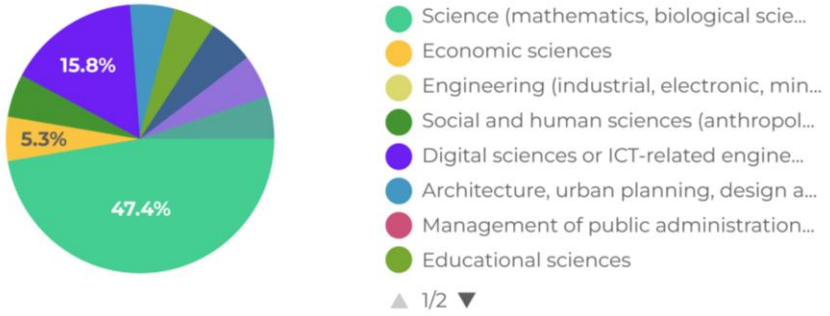


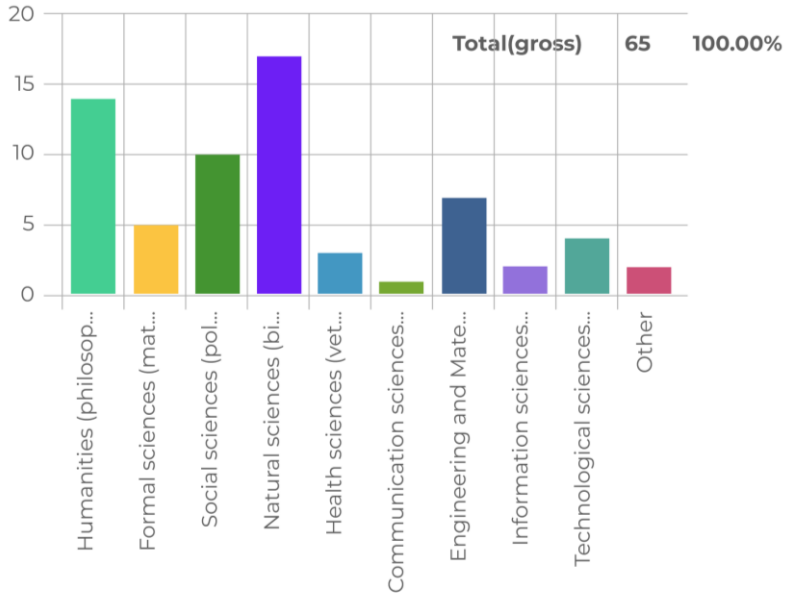
Participants:

On-site: $t_{participants}$= 307 ; On-line: $t_{participants}$= 84

What is/are your background disciplines? (Please consider academic training and professional/practical experience)

19 responses





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What worked – suggestions for improvement

Transferable Skill	What worked	Suggestions for improvement or further development
Citizen Science (AU)	AU material is in good state for translation	Developing local case studies that are relevant to the learners is an effort that takes about two days or more per case studies, but it is useful to develop them. Our case studies are currently available on Zenodo
FAIR RDM	DANS material is ready for trainers to re-use it	Better defining how to provide appropriate authorship (maybe using Zenodo?)
Links between CS and FAIR RDM	Links found between CS and FAIR RDM by Open Access, Data Privacy and Research integrity	Review by external committee and further work on specific links
Gender, non discrimination and Inclusion (GNI)	Coordination on the development of the material by UniSR and ESF	
Links between GNI, CS and FAIR RDM	Development of a career path approach to Data&Gender module following FAIR RDM and Open Scholarship principles	

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What didn’t work – challenges/criticalities

Technical problem of running hybrid sessions with making students work with online session while session.

Adjusting case studies to local context is a significant effort – translation, identifying cases, organising local presentation (about month or two to develop four case studies).

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the European Union

OpenAIRE

Greece

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the European Union

Piloting Sumary

ORGANISATION

OpenAIRE

FOCUS

Blended Open Science Course

PARTICIPANTS

29

DELIVERY SUMMARY

Webinar + self-paced content model.

WHAT WORKED

Gamified quizzes,
clear content,
strong trainer support.

CHALLENGES

Content breadth
diluted depth.

SUGGESTIONS

Narrow scope, offer deeper topic focus.

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Main results achieved

- **Combination of self paced course material into webinar** (blended model)

- **Reinforced existing knowledge while introducing new, useful resources and websites.**

- **Enhanced overall learning by actively engaging participants and increasing interest in the topic. Engaging exercises such gamified quizz was added.**

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the European Union

What worked – suggestions for improvement

Clear, accessible content led by an experienced trainer helped in grasping both basic and more advanced/detailed concepts. (most participants where Senior Researchers or Academic Teachers).

The combination of refreshing familiar topics with new information was well received and practical.

Future improvements could include narrowing the focus to avoid covering too many topics and providing deeper, targeted guidance.

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the European Union

What didn’t work – challenges/criticalities

Covering a broad range of topics sometimes resulted in information overload for participants.

The extensive content occasionally compromised the depth of understanding in specific areas.

A more focused approach with clearer, step-by-step guidance would address these challenges effectively.

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UNIVERSITY OF HELSINKI

UHelsinki

Finland

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the European Union

Piloting Sumary

ORGANISATION

UHelsinki

FOCUS

Citizen Science + GNI

PARTICIPANTS

90

DELIVERY SUMMARY

2

CS webinars

3

GNI lectures

WHAT WORKED

Positive feedback,
no platform issues.

CHALLENGES

Low turnout, internal
scheduling conflicts.

SUGGESTIONS

Start promotion earlier,
clarify scheduling.

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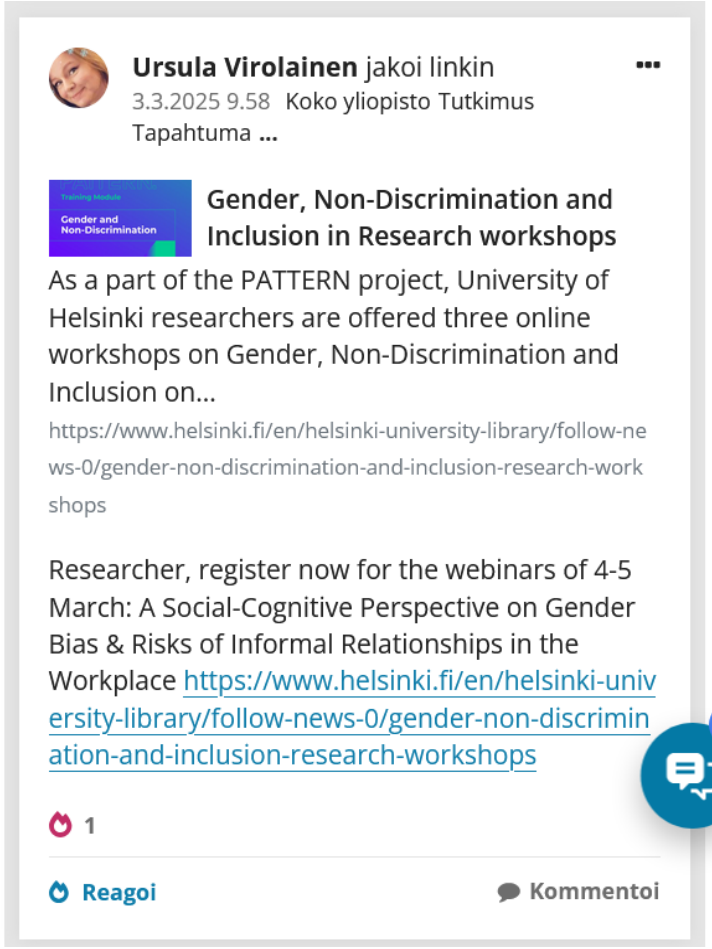
the European Union

Main results achieved - Citizen science

- **CS Piloting with AU**
  - 2 webinars on 5.2. and 11.2., advertising in UH intra/social, library webpage, selected mailing lists
  - Facilitators for webinars with 3 collaegues, planning and briefing meetings

- **GNI Piloting with UNI SR & LPI**
  - 3 lecture-style webinars 14.2., 4.3. and 5.3.
  - Advertising in UH intra/Social, library webpage, selected mailing lists



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What worked – suggestions for improvement

CS Piloting with AU

Positive experience in collaboration and learning for UH colleagues.

Feedback from doctoral schools: "Where can we get more of CS training?" "Will you repeat this?"

GNI Piloting with UNI SR & LPI

Practical and analytical viewpoints for GNI themes suitable for RRI skills training.

No real practical issues with the platforms or feedback

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What didn’t work – challenges/criticalities

UH Doctoral School rearrangements, personnel issues, communication issues - collaboration was far from what we had hoped for

Joint scheduling with pilot organizations: planned to do marketing already before Xmas 2024, in practice this didn't succeed

Low numbers of participants from UH (every session had more than one!)

Ajankohtaista › Uutiset › Uutinen

Learn Citizen Science in the European context - Webinars on 6 and 11 February 2025

Our PATTERN partner Aarhus University will offer two webinars on Citizen Science in February 2025.

The University of Helsinki is taking part in the Horizon Europe –funded project PATTERN that develops quality training on different aspects of open and responsible research.

Now our PATTERN partner will offer two webinars on Citizen Science in February. Aarhus University is an experienced trainer in the field and an active member of ECSA, the European Association of Citizen Science.

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Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

TCD
Trinity College Dublin

Ireland

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the European Union

Piloting Sumary

ORGANISATION

TCD

FOCUS

Citizen Science
(Humanities)

PARTICIPANTS

58

DELIVERY SUMMARY

2

webinars + new case study
+ CoP creation.

WHAT WORKED

Effective materials, strong marketing, wide discipline range.

CHALLENGES

Breakout room logistics, beginner overload.

SUGGESTIONS

Pre-distribute cases, more intro sessions, feedback follow-up.

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the European Union

Main results achieved

- **We publicised & facilitated 2 x 2-hour webinar-based workshops** ('Citizen Science Introduction' and 'Citizen Science Advanced' (content developed by PATTERN/University of Aarhus).

- **We developed 'Rural Placenames', a multi-faceted case study on Citizen Science in Humanities for workshopping during the webinars –** with 2 more case studies in Citizen Science in Humanities in development in TCD.

- **50% of the overall enrollments were from TCD. We raised awareness on Citizen Science in our university, achieved a high response rate from an unexpectedly wide range of disciplines.**

- **We have created an institutional Citizen Science Training Community of Practice with senior academic and administrative membership to continue the work.**

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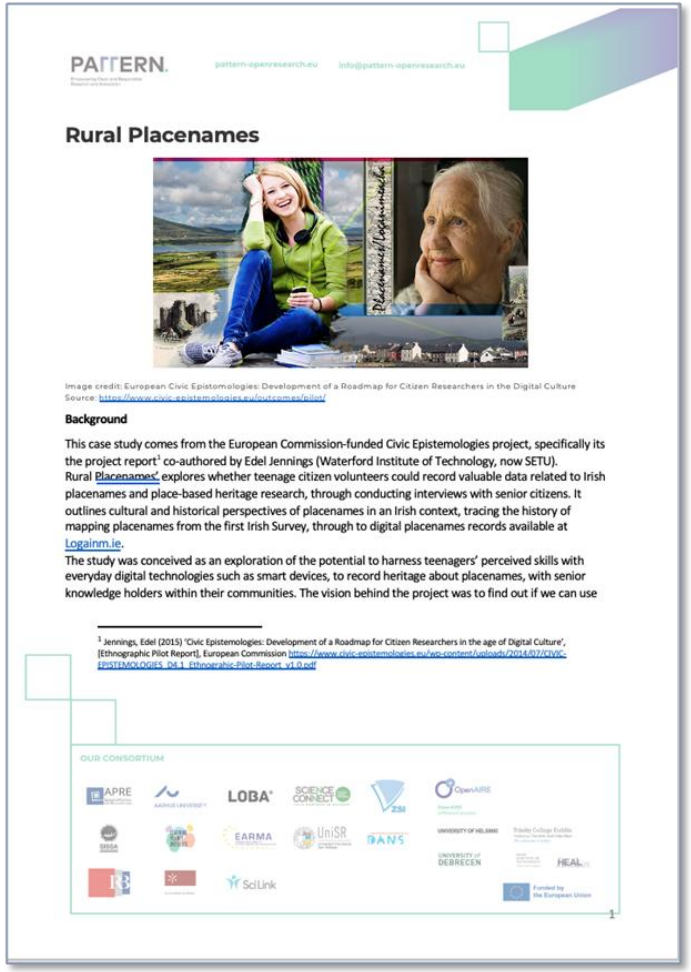
What worked – suggestions for improvement

Excellent content and expert course instructors with great supporting webpages, including links and resources.

Case studies worked well – we filled a gap for Humanities via a new ‘Rural Placenames’ Citizen Science case study (with more case studies forthcoming).

Suggest making case studies available prior to the training and/or requiring participants to select case study at registration.

Marketing and information about the training worked very well.



PATTERN.

Rural Placenames

Image credit: European Civic Epistomologies: Development of a Roadmap for Citizen Researchers in the Digital Culture
Source: https://www.civic-epistemologies.eu/outcomes/pilot/

Background

This case study comes from the European Commission-funded Civic Epistemologies project, specifically its the project report[1] co-authored by Edel Jennings (Waterford Institute of Technology, now SETU). Rural Placenames' explores whether teenage citizen volunteers could record valuable data related to Irish placenames and place-based heritage research, through conducting interviews with senior citizens. It outlines cultural and historical perspectives of placenames in an Irish context, tracing the history of mapping placenames from the first Irish Survey, through to digital placenames records available at Logainm.ie.

The study was conceived as an exploration of the potential to harness teenagers' perceived skills with everyday digital technologies such as smart devices, to record heritage about placenames, with senior knowledge holders within their communities. The vision behind the project was to find out if we can use

[1] Jennings, Edel (2015) 'Civic Epistemologies: Development of a Roadmap for Citizen Researchers in the age of Digital Culture', [Ethnographic Pilot Report], European Commission https://www.civic-epistemologies.eu/wp-content/uploads/2014/07/CIVIC-EPISTEMOLOGIES_D6.1_Ethnographic-Pilot-Report_v1.0.pdf

OUR CONSORTIUM

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What didn’t work – challenges/criticalities

The breakout rooms were tricky (some had no attendees but facilitators had to stay). Also suggest icebreaker activity to get people talking.

There was a lot of new information for beginners to take in, in a relatively short time, including needing to respond to questions about the case studies. Suggest making the case studies and questions available beforehand? Or having 2 introductory sessions?

Need more post-pilot feedback, e.g., we need information on TCD attendees in order to follow-up with them & report back to our CoP. Certificates and other follow-up could be handled better.

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İZMİR
INSTITUTE OF
TECHNOLOGY
Turkey's Technology Base

IZTECH

Turkey

Funded by
the European Union

Piloting Sumary

ORGANISATION

IZTECH

FOCUS

Open Science + FAIR RDM

PARTICIPANTS

125

DELIVERY SUMMARY

3

department-integrated sessions

3

FAIR RDM groups

WHAT WORKED

Interactive sessions, networking, quality content.

CHALLENGES

Miro usability, Project platform misfit.

SUGGESTIONS

Simplify tools, align platform to training type.

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IZTECH Pilots

Pilot/ Face to Face

Open Access

Trusted publishers for my research: decoding good practices & overcoming predatory publishers

- **6 November 2024 10:30-12:30**
  Faculty of Architecture
  Master's students- 19 participants
- **8 November 2024 11:00-13:00**
  Department of Molecular Biology and Genetic
  Master and PhD students- 16 participants
- **11 November 2024 15:00-17:00**
  Department of Cultural Heritage Conservation
  Master/doctorate students- 19 participants

A total of 54 master and doctoral students attended these trainings.

Pilot/ Face to Face

FAIR RDM

Ankos Research Data Management Workshop: FAIR Planning and DMPs

- **18 November 2024**
  Librarians and researchers
  46 participants

Pilot/ online

Dissemination&Explotation

D&E of Research Results: from proposal to implementation

- **26 November**
  For all IZTECH students & researchers
  8 participants

D&E of Research Results: explot and vsually ptch your research

- **6 December 2024 11:00-13:00**
  For all IZTECH students & researchers
  2 participants

Pilot/ Face to Face

FAIR RDM

IZTECH FAIR RDM Winter School (first 3 sessions)

- **24 February 2025 9:00-16:30**
  Master & doctorate students, researchers
  22 participants
- **26 February 2025 9:00-16:30**
  Master & doctorate students, researchers
  31 participants
- **28 February 2025 9:00-16:30**
  Master & doctorate students, researchers
  28 participants

A total of 81 participants attended these trainings.

Funded by the European Union

What worked – suggestions for improvement

Marketing for Training:

Open Science: To provide Trusted Publishers training, we contacted all the professors from the list of professors who teach research methods and ethics courses at our university and asked them to support the training. As a result of this study, we went to the courses of three different departments and provided the training.

FAIR RDM: We collaborated with the vice-rectors and deans at our university to promote the FAIR RDM Winter School Training to more people/increase its impact. We initially planned the training for one day and created a doodle to identify the training day. We asked the participants to choose the most suitable day for them from five different days. As the number of applications was higher than we expected (125 applications), we decided to organize the training for three different groups on the three most preferred days. We provided lunch for the participants on all three days. Participants from different disciplines spent time over lunch and networked with each other.

Funded by
the European Union

What worked – suggestions for improvement

Quality of content:

The training content was easy for both trainers and students to understand. The content was of high quality and sufficient. It was enriched with references to useful resources/websites. We have also made some adaptations to the content considering the practices in Turkiye and the needs of our researchers.

Interactive training & Case studies:

The interactive nature of the training increased participant satisfaction and training success. Participants were involved in the learning process through activities, group work, and discussions. They said they were never bored at the end of the training. The group case studies at the end of each session worked very well. Participants had the opportunity to see, think, and evaluate what was explained in an example. This exercise reinforced the learning.

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What didn’t work – challenges/criticalities

The Miro exercise was difficult to implement and evaluate. In the first pilot training, participants could not do the activity on their cell phones. In our last pilot training, we implemented it on printed sheets, but it was difficult and time-consuming to understand and report what was written.

The Project platform and Project work did not fit our FAIR/RDM training.

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UNIVERSITY of DEBRECEN

UDebrecen
University of Debrecen

Hungary

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the European Union

Piloting Sumary

ORGANISATION

UDebrecen

FOCUS

Open Access + FAIR RDM

PARTICIPANTS

34

DELIVERY SUMMARY

3

sessions
(mostly PhD students)

WHAT WORKED

Liked platform,
project-based learning.

CHALLENGES

Miro hard to navigate,
poor Projects registration.

SUGGESTIONS

Switch to simpler feedback
tools, ease tracking.

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the European Union

Main results achieved

- Three pilot events were held. One was for Open Access publication, the other two for the first part of the FIR RDM.
- In total, 34 students participated in the three sessions, mostly PhD students, but also Master students.
- We also participated in the development of the Open Access learning core and the internal testing of the FAIR RDM curriculum.

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the European Union

What worked – suggestions for improvement

The students were very impressed by the potential of the LPI Projects platform.

The OpenPlato portal was easy to register for with the authentication EOSC EU Node option.

It would be easier to use the Projects paltfrom if it also provided such authentication.

Both the Open Access curricula and the FAIR curricula contain up-to-date content.
The students really liked the project approach to teaching.

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the European Union

What didn’t work – challenges/criticalities

LPI Projects platform is difficult to register.

The Miro board was difficult to use, students were not so good at navigating it. They prefer to give feedback through questionnaires or using Menti.

It is difficult to track on OpenPlat how many UD students are enrolled.

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Hellenic Academic Libraries Link

HEAL LINK

Σύνδεσμος Ελληνικών Ακαδημαϊκών Βιβλιοθηκών

HEAL-Link

Greece

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the European Union

Piloting Sumary

ORGANISATION

HEAL-Link

FOCUS

RDM Training (via DANS)

PARTICIPANTS

30

DELIVERY SUMMARY

5

online sessions,
26 attended at least 1.

WHAT WORKED

Effective method mix, breakout engagement.

CHALLENGES

Hard-to-understand terms, low platform interaction.

SUGGESTIONS

More Greek examples, improve platform UX.

Funded by the European Union

Main results achieved

- Following the example of DANS, our training consisted of 5 online sessions. The training material was translated into Greek language and DANS slightly modified by adding an example of a Greek repositor.

- There were many registrations for the pilot training, but participation was limited to 30, with 26 attending at least one session.

- The training was communicated through SCU website, university Teaching and Learning Centers and workshops, implemented at PALC and LIS of IHU.

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the European Union

What worked – suggestions for improvement

Lectures combined with practical activities (e.g. short exercises, group discussions, & PBL assignments) proved to be an effective teaching method - consider integrating more Greek exemples.

A large number of participants were actively engaged with the break-out room sessions contributing to constructive involvement - time management was a challenge.

ZOOM simplified the online training process & helped sessions run smoothly. Polls & questions were integrated into the communications platform - improvements in attractiveness and interactivity are needed.

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What didn’t work – challenges/criticalities

The Projects Platform served as the central hub for the course description, components & requirements, but less effective for exchanging comments. Navigation, communication & collaboration was not as successful as we were hoping.

Technical terms like metadata schemas & knowledge organization systems were difficult for some participants, especially those from the Humanities.

MIRO discouraged course assessment.

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the European Union

UniSR
Università Vita-Salute
San Raffaele

UniSR
Università Vita-Salute San Raffaele

Italy

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the European Union

Piloting Sumary

ORGANISATION

UniSR

FOCUS

GNI, D&E, CS

PARTICIPANTS

190

DELIVERY SUMMARY

9

sessions + 1 more planned, cross-communicated outreach.

WHAT WORKED

Valued materials, strong networking, ESF collaboration.

CHALLENGES

Platform issues, poor Miro feedback.

SUGGESTIONS

Simplify registration, improve platform UX.

Funded by the European Union

Main results achieved

- **Piloted Sessions**
  - **9 pilot sessions** have been conducted (**D&E, CS, GNI**), with **an additional one** planned for this week (**SC**).
  - An internal communication will be shared with the entire SR community to inform them about the available training material on **RI**.
  - As thematic leaders for **GNI**, we organized 4 sessions (3 online and 1 in-person), with a total of **190 participants**.

- **Developed Materials**
  - Creation of structured support materials, designed for clarity, accessibility, and adaptability to different educational contexts.

- **Outreach & Communication**

Activities were promoted through various communication channels:

  - Informative bulletins
  - Articles published on UniSR website
  - Internal newsletters (nEUsletter)
  - Targeted mailing lists
  - Flyers distributed at strategic locations
  - Poster @SR Retreat

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What worked – suggestions for improvement

1. Quality of Materials and Lesson Content

The educational materials were highly appreciated for their quality, clarity and comprehensiveness.

The lesson content proved effective in delivering the intended knowledge and skills.

2. Networking and Mutual Exchange of Expertise

The project fostered networking among participants, encouraging active dialogue between experts from different fields.

The collaboration with the European Science Foundation (ESF) provided valuable knowledge-sharing opportunities.

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What didn’t work – challenges/criticalities

1. Online Platform

Integrating the platform into the online modules has proven to be challenging.

The user journey experience is not intuitive.

Researchers are unwilling to share information about their projects on an external online platform.

2. Event Registration System

The registration system for the various modules could have been simplified and automated (e.g., receiving the link for remote participation immediately after registration).

3. Evaluation Forms

In the interactive evaluation, we received very little feedback and few comments, as the MIRO platform proved to be difficult to navigate for first-time users.

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the European Union

Data Archiving and Networked Services

DANS

DANS
Data Archiving and Networked Services

Denmark

Funded by the European Union

Piloting Sumary

ORGANISATION

DANS

FOCUS

FAIR RDM

PARTICIPANTS

40

DELIVERY SUMMARY

5

weekly sessions
(33 online, 7 in-person)

WHAT WORKED

Good examples, hybrid model.

CHALLENGES

Overloaded slides, low homework engagement.

SUGGESTIONS

Add project intro slides, better engage in-between sessions.

Funded by the European Union

Main results achieved

- **We piloted our FAIR Research Data Management materials over 5 synchronous sessions (1 per week over 5 weeks)**.

- **33 people attended online, 7 in person (for session 1), numbers dropped over the 5 sessions**

- **The material we developed for each session was:**
  - A slidedeck (powerpoint)
  - Exercises for group activities (word/Google document)
  - Assignments to be completed as part of a project (presented in Projects platform)

Funded by the European Union

What worked – suggestions for improvement

We tried to **provide examples** for each topic, e.g. with the topic of metadata, showing an example of metadata in a repository. This worked really well.

- Most examples were more Dutch focused and social sciences and humanities, so we can look at our partner's adaptations to diversify this

We **organised the sessions well**, i.e. combining online and in person smoothly. However next time we will do online only, as demand was higher.

We have had **excellent informal feedback on the content** since the sessions from participants met at various conferences and events.

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the European Union

What didn’t work – challenges/criticalities

We should have **better introduced the PATTERN project** and DANS in 2 or 3 slides in the introduction

(perhaps we took it for granted that people knew the context / were not interested in it, but we found that they were).

Participants were **not well engaged with their homework** between sessions towards their Projects. How to better stimulate this, and esp. interaction with Projects platform?

Sometimes we presented **too much content within each session and too much information on each slide**. Consider how to remedy this

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the European Union

RBI
Ruđer Bošković Institute

Croatia

Funded by
the European Union

Piloting Sumary

ORGANISATION

RBI

FOCUS

OA, FAIR RDM, Sci Comm

PARTICIPANTS

69

DELIVERY SUMMARY

48 in-person + **21** OpenPlato (11 passed quiz).

WHAT WORKED

Great workshops, strong engagement.

CHALLENGES

Too much theory, platform usability.

SUGGESTIONS

Condense content, increase hands-on training.

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Main results achieved

- **3 topics piloted:**
  - Open Access (4 modules (1 self-paced course on Open Plato + 3 in-person)
  - FAIR RDM (3 modules (in-person))
  - Science Communication (5 modules (in-person))

- **RBI Open Science Winter School (5 days) + pilot testing of three Science Communication modules separately before the Winter School**

- **48 in-person participants (mainly researchers)**
  - 21 participants currently enrolled in the self-paced course on Open Plato
    (11 have successfully completed the final quiz)

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What worked – suggestions for improvement

Excellent communication with participants and productive discussions (OA, FAIR RDM).

Excellent practical workshops (Science Communication).

Participants appreciated the concept of intensive training condensed into 2 or 3 days (OA, FAIR RDM).

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What didn’t work – challenges/criticalities

Open Access

Too much content in some modules (e.g. Trusted publishers).

FAIR RDM

Too much content, not enough practical work (the use of the Project platform should help address this).

Module 4 and 5 are more focused on data stewards, and may not be suited for researchers.

Science Communication:

Theoretical materials were not well-suited for researchers (too much theory). To address this, we used the flipped-classroom method, providing materials for researchers to review before the workshops, which were then highly practical.

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Piloting Sumary

ORGANISATION

SciLink

FOCUS

Research Careers & Mentoring

PARTICIPANTS

47

DELIVERY SUMMARY

3 conference pilots + **2** face-to-face planned

WHAT WORKED

Effective scenarios, event piggybacking worked.

CHALLENGES

No evaluation system, variable attendance.

SUGGESTIONS

Implement evaluation, reach underserved.

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Main results achieved

- **Scenario development**
- **Three 2hr pilots at ReMO 2024 conference focused on**
  - Choosing and Managing your PhD supervisor
  - Breaking the silence around well-being at work
  - Effectuating institutional change
- **Training needs analysis for content development**
- **Identifying and contracting expert trainers**
- **Organizing 2 face to face pilots** (Penkala Conference – Zadar, May 17th; University of Malta Doctoral School - Valetta, May 29th)
- **Planning a series of webinars to develop training material** (March-June 2025)

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What worked – suggestions for improvement

Scenario's were very effective in eliciting training objectives from pilot participants.

Running pilots with both a trainer and faccilitator allowed for more accurate record keeping and ensured none of the audience contributions were lost.

Piggybacking the pilots on existing events is proving to be an effecive means of securing participants.

However, those that need training most may be least like to be reached.

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What didn’t work – challenges/criticalities

Due to technical issues and the Scilink pilots being among the first in the Pattern project we did not succeed in setting up the training evaluation on time.

There was significant variability in attendance rates across the three pilots.

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Piloting Sumary

ORGANISATION

UMinho

FOCUS

Open Access + FAIR RDM

PARTICIPANTS

17

DELIVERY SUMMARY

1 self-paced + **3** face-to-face (9h total)

WHAT WORKED

Hands-on exercises, expert engagement.

CHALLENGES

Slide redundancy, abstract DMPs.

SUGGESTIONS

Add real examples, simplify slides, improve visuals.

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Main results achieved

- **Number os sessions**
  - **1 self-paced course** on **Open Acess** (March/April 2025)
  - **3 sessions** on **FAIR RDM** (face-to-face) Feb. 2025 - **total** 9 hours
    - Context – **Open Data Winter School** >> adapt the existing training in UMinho into the **3 FAIR RDM** sessions for beginners

- **Materials**
  - Translations of the slides and exercises
  - Some slides were showed/hide having in consideration the audiance (we had pre-registration were we gathered this info)
  - Adaptation of some the exercises and turn them into hands-on group sessions after a more theoretical presentation

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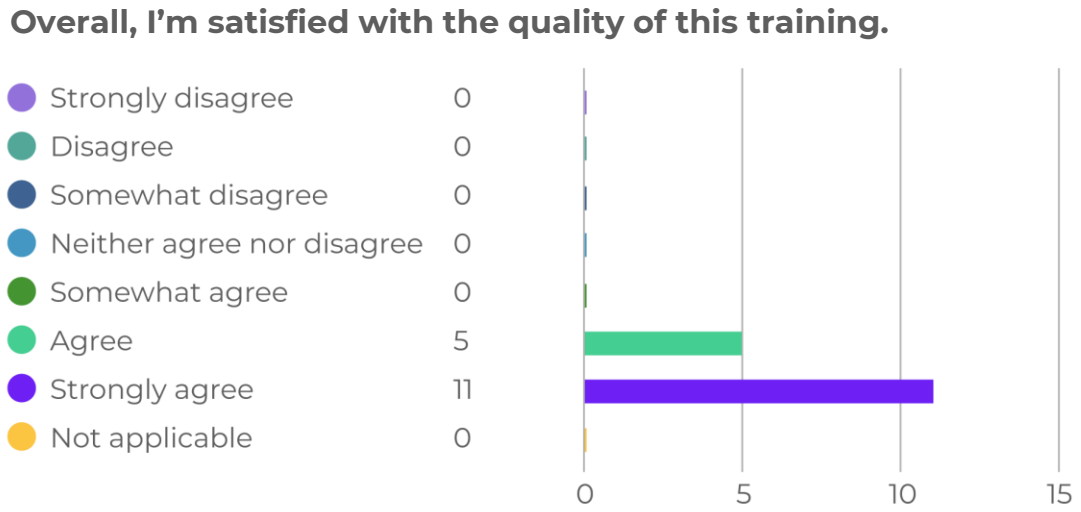
Main results achieved

- **Participants**
  - 17 (9 PhD, 5 Researchers, 3 master)
    - (FAIR RDM)

- **Feedback**
  - Very positive



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What worked – suggestions for improvement

(FAIR-RDM sessions)

Exercises

Finding the data associated with the publications – assess the FAIRness of the data.

DMP analyses – we've atribute 1 DMP per group.

ReadMeFile exercise.

Quizes & questions

Relation between FAIR, Open and RDM – we adpat into mentimiter.

Improve some of the questions in particify and adapt/adjust to our reality using mentimiter.

Experts in the session

Opportunity to invite specific experts (DPOs) to clarify and raise awareness of certain issues - data protection and intellectual property.

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What didn’t work – challenges/criticalities

Improve the DMPs examples based on real cases, because 2 of them were not real and it was difficult to make a comparison with the others.

Reduce redundancy in some slides (session1).

Improve the slides where you **explain what is FAIR**, make it clear with examples for each letter. Maybe use some of the infographics like the ones from the Turing Way to help explain each.

Include best practices and real uses cases from different datasets records in repositories.

Include different types of data repositories (institutional, disciplinary, generalists)

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EARMA – European Association of Research Managers and Administrators

UniSR – Università Vita-Salute San Raffaele

DANS – Data Archiving and Networked Services

RB

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@PATTERNEU pattern-openresearch.eu info@pattern-openresearch.eu