PATTERN.

Empowering Open and Responsible Research and Innovation

PATTERN general presentation

Piloting open and responsible Activities and Trainings Towards the Enhancement of Researchers Networks

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PATTERN Key Elements

Topic

Horizon–WIDERA–2022–ERA–01-44

Funding Scheme

CSA

Budget

€ 3 499 742,5

Duration

42 months (January 2023 - June 2026)

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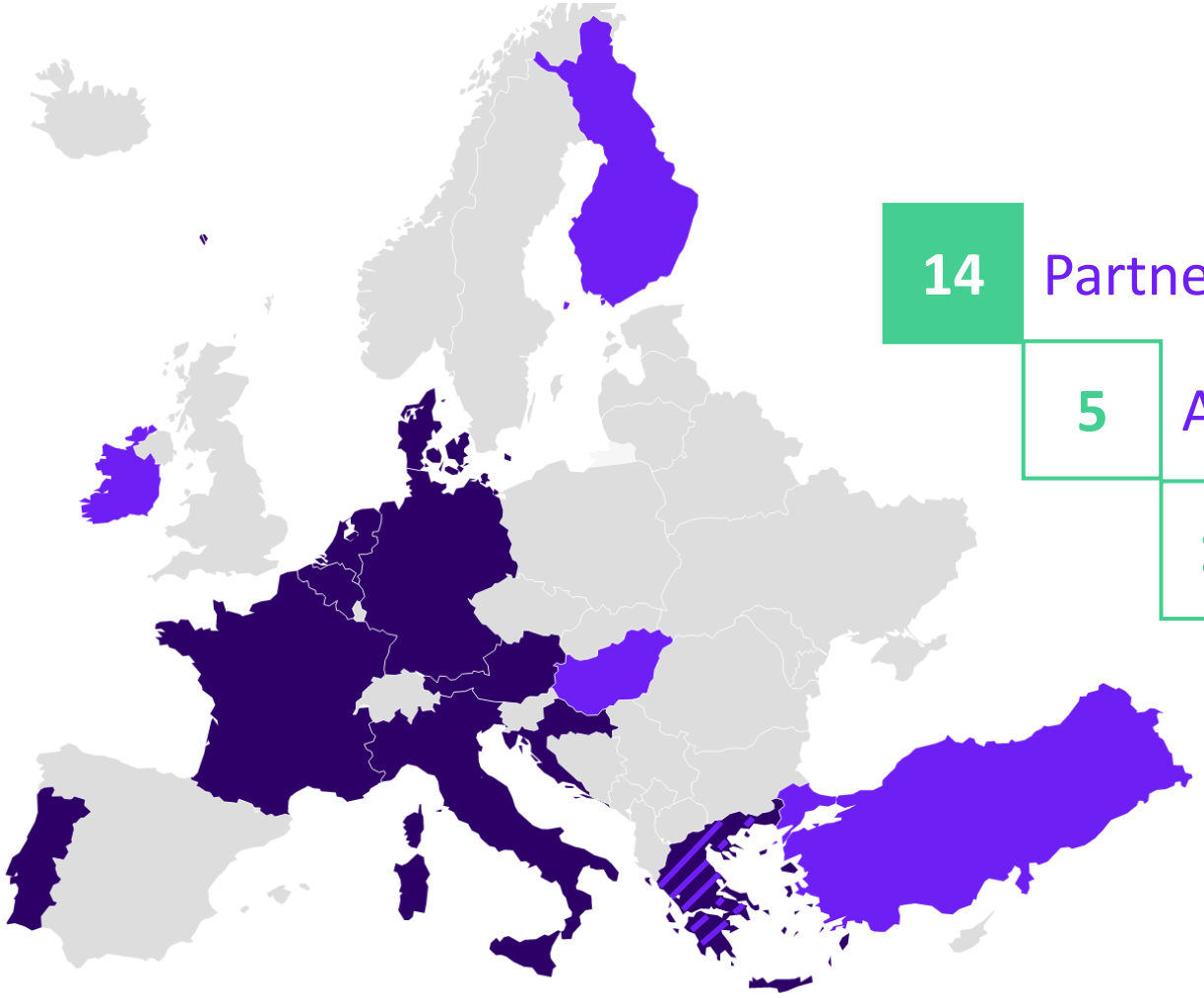
PATTERN Consortium

Coordinator

APRE
Agenzia per la Promozione della Ricerca Europea



14 Partners

5 Affiliated Entities

13 European Countries

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PATTERN Aim

To promote the practice of **Open and Responsible Research and Innovation (Open RRI)** by developing and piloting training activities for researchers at all stages of their careers.

These trainings, strengthening researchers' **transferable skills**, will empower Higher Education Institutions (HEIs) and research organizations to embrace a transformative process to improve the excellence of the science conducted, the capacity within the European Research Area (ERA) to tackle societal challenges and the interaction between science and society.

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PATTERN Specific Objectives

sOBJ1 To consolidate existing evidence on **existing learning opportunities on Open RRI** for researchers at all stages of their careers across the ERA, through a complete and up-to-date picture built upon the identification, mapping, monitoring and analysis of established and emerging practices of training courses

To improve the **transferable skills and capacities** of all stages of researchers through definition and testing of new comprehensive training modules covering diverse aspects of Open RRI, also including cross-cutting issues **sOBJ2**

sOBJ3 To contribute to **knowledge sharing and guidance on Open RRI**, increasing the interest among researchers, stakeholders and policymakers to invest in higher education and trainings, through the development of an open platform for trainings, knowledge sharing and collaboration between responsible authorities and institutions

To raise awareness amongst **authorities and institutions responsible for researchers' trainings** about the importance of high-quality trainings on Open RRI and to maximize the project's impacts towards researchers' trainings, through policy recommendations addressing authorities and governance of relevant institutions. **sOBJ4**

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PATTERN Platform

Provide a guide for knowledge sharing among researchers

Map and visualize knowledge/content building activities

Map and visualize learning paths suggestions

Mobilize the R&I community

Provide information to authorities and institutions responsible for researchers' training

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PATTERN Methodology

Phase 1

Consolidation of knowledge

PATTERN will start with a **systematic mapping** and a comprehensive **analysis** of the state-of-the-art of **learning opportunities for researchers on Open RRI**, integrated by mutual learning activities and co-creation workshops to identify emerging practices and barriers in Open RRI practices.

Phase 2

Developing PATTERN Training Activities and Platform

PATTERN has identified 8 main transferable skills in the context of open RRI, each covered by PATTERN Consortium Partners.

- Open Access
- Research Integrity
- Management and Leadership
- FAIR data management
- Science Communication
- Dissemination and Exploitation of results
- Citizen Science
- Gender, non-discrimination and inclusion in research

All training modules will be openly available on the PATTERN platform!

Phase 3

Testing PATTERN Training Modules

During this phase, **PATTERN training will be co-designed and fine-tuned** within PATTERN Consortium to perfectly respond to the needs of end-users **across 2 learning cycles**, each 12 months long.

Phase 4

Evidence for Policy Development

Lastly, PATTERN will build upon knowledge and analysis carried out during the project lifetime to develop a set of policy recommendations addressing authorities and institutions responsible for researcher training.

PATTERN Impact and Results

Societal

Co-creation and co-design with stakeholders
Policy recommendations

15+ open and public workshops and mutual learning activities on PATTERN trainings
3+ mutual learning events on existing and emerging practices
3+ Policy Briefs
8+ policy co-design workshops
3 policy podcasts
1 High Level Policy Event

Scientific

Define the state of the art on Open RRI trainings
Develop new training modules and curricula

Report on existing training opportunities and on gaps and quality assessment of them
8 training modules on Open RRI
14 personalized learning plans (Pilot Organizations)
100+ training activities

Economic/Technological

Develop an innovative platform
Personalized learning paths

PATTERN Platform

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PATTERN Targets

Researchers

Who will benefit from the trainings

Undergraduate, doctoral, post-doctoral

Higher Education Institutions

Who will deliver the trainings
Who is responsible for researchers' trainings

Universities, Research centers, Directors, headmasters of doctoral schools, vice-rectors, vice-deans, educational directors

Policymakers

Who will influence the trainings organization in HEIs

Authorities and Institutions responsible of trainings (local, regional, national, EU and international level)

Civil society

Who will interact with researchers trained through PATTERN

Associations and groups interested in science, science communicators and science jornalists

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PATTERN.

Thank you!

OUR CONSORTIUM

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