

# PATTERN OF OPEN SCIENCE IN CROATIA

## PATTERN Aim

Officially known as

### “Piloting Open and Responsible Activities and Trainings Towards the Enhancement of Research Networks”

the PATTERN project is a comprehensive initiative funded by the European Commission under the Horizon Europe programme. Its primary focus is to advance open and responsible research and innovation (Open RRI) across Europe through training for researchers to enhance their capacity for effectively addressing societal challenges while promoting transparency and inclusivity in research. The project spans 42 months and involves a total of 19 organizations and institutions from 13 European countries, including the Ruđer Bošković Institute in Croatia, contributing to the development and implementation of training programs tailored for researchers at all career stages.

13 European countries

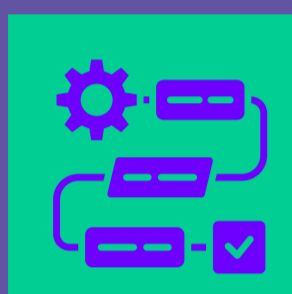
14 partners

5 affiliated entities

42 months

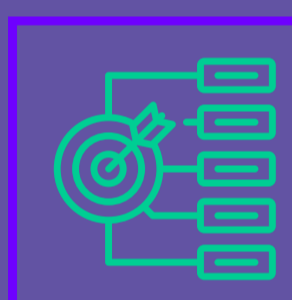


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## Methodology

The project's implementation began by systematic mapping and comprehensive analysis of contemporary educational opportunities for researchers on Open RRI, after which comes the development of innovative curricula, with an emphasis on inclusivity and fairness in the modules. Implementation and testing are integral components of PATTERN's strategy. The project intends to test its training modules through a variety of tailored activities conducted by nine core partners and five associated institutions, which will act as pilot institutions across Europe. PATTERN's expansive network includes Croatia, Finland, Greece, Hungary, Ireland, the Netherlands, Portugal, and Turkey. This network, encompassing OpenAIRE members and National Open Access Desks (NOADs), ensures a broad and diverse reach for the project's training curricula.



To reach its overall goal, PATTERN strives for the measurable, realistic and achievable **Specific Objectives:**

### 01 Consolidation of knowledge

Systematic mapping and analysis of the state-of-the-art of learning opportunities for researchers on Open RRI.

#### Preliminary results:

- 300+** Existing training practices mapped through:
  - survey
  - data sprints
  - mutual learning events
- 30+** Existing European policies including Open RRI practices

### 02 Developing Training Activities and Platform

Eight main transferable skills are identified in the context of open RRI.

#### PATTERN's training modules cover a diverse range of topics vital to open RRI:

- Open Access
- FAIR Data Management
- Citizen Science
- Research Integrity
- Gender, non-discrimination and inclusion in research
- Dissemination and exploitation in research
- Science communication
- Management and leadership

### 03 Testing PATTERN Training Modules

Co-designing and fine-tuning PATTERN training to perfectly respond to the needs of end-users across 2 learning cycles.

#### Targets:

- Researchers** who will benefit from the trainings
- Policy makers** who will influence the trainings organization
- Higher Education Institutions** who are responsible for and will deliver the trainings
- Civil society** who will interact with researchers trained through PATTERN

### 04 Evidence for Policy Development

Based on the analysis, PATTERN will develop a set of policy recommendations addressing authorities and institutions responsible for researcher training.

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## What does PATTERN mean for Croatia?

In Croatia, there is an ongoing demand for the training and promotion of open science (OS) topics among researchers with a notable deficiency in formal OS education within Croatian higher education institutions. To bridge this gap and promote Open Science practices effectively, PATTERN leverages a wealth of expertise accumulated through EU projects that have laid the groundwork for comprehensive training programs designed to enhance researchers' competencies. The PATTERN project represents a pioneering effort to advance open and responsible research and innovation practices in Europe. With active participation from institutions like the Ruđer Bošković Institute, PATTERN aspires to empower researchers and institutions alike. By developing comprehensive training modules, creating a collaborative platform, and providing policy guidance, PATTERN is poised to contribute significantly to the advancement of science and society in the European Research Area (ERA).

