

# RRI-Practice

## Responsible Research & Innovation in Practice



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# Approach to RRI

- Process dimensions of RRI – AIRR dimensions
- Five policy keys – societal engagement, gender, ethics, open access, science education
- How to unite the RRI community in the EU and ‘mainstream’ institutional changes to foster RRI in research institutions
  - Focus on research performing organisations & research funding organisations within different national contexts
  - Variety of approaches to RRI
- Involving non-European countries in the RRI discourse



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# Consortium partners

- ❖ Oslo & Akershus University College of Applied Sciences (NO) (**coordinator Ellen-Marie Forsberg**)
- ❖ Karlsruhe Institute of Technology (DE)
- ❖ University of Bristol (UK)
- ❖ Commissariat à l'Énergie Atomique et aux Énergies Alternatives (FR)
- ❖ Applied Research & Communication Fund (BG)
- ❖ Stichting Katholieke Universiteit (Nijmegen) (NL)
- ❖ Wageningen University (NL)
- ❖ Chinese Academy of Science and Technology for Development (China)
- ❖ Research and Information System for Developing Countries (IN)
- ❖ Arizona Board of Regents (US)
- ❖ Fundacao de Desenvolvimento da UNICAMP (BR)
- ❖ The University of Queensland (AUS)



# Collaborating organisations

- ❖ Research Council of Norway
- ❖ Helmholtz Association of Research Centres (Germany)
- ❖ Engineering & Physical Sciences Research Council (UK)
- ❖ Fondazione Telethon (Italy)
- ❖ Bulgarian Ministry of Education & Science
- ❖ The Netherlands Organisation for Scientific Research
- ❖ National Natural Sciences Foundation of China
- ❖ Ministry of Science and Technology (India)
- ❖ San Paolo Research Foundation (Brazil)
- ❖ The Commonwealth Scientific and Industrial Research Organisation (Australia)



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# Objectives

- To develop an **analytical framework** to analyse organisations' operationalisation of RRI & responsibility, & associated barriers & drivers, allowing for the design of well-targeted RRI objectives, measures & indicators
- To conduct 12 national case studies, including in total 22 **organisational RRI Reviews and Outlooks**, in addition to an internal RRI review for the project
- To analyse & compare barriers to & drivers for successful implementation for each of the RRI keys, along with organisations' own framing & interpretations of RRI
- To identify, disseminate & promote **RRI implementation best practices** that can be scaled up at European & global levels



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# Planned outcomes

- ▶ RRI implementation best practices
- ▶ Roadmap for strengthening RRI
- ▶ Handbook for organisational RRI work
  
- ▶ Key milestones:
  - National RRI workshops (completed)
  - RRI Reviews and Outlooks in collaborating organisations (autumn 2017–spring 2018)
  - Comparative analysis (autumn 2018)
  - Recommendations & best practices (spring 2019)



# Synergies with the Nucleus project

- ▶ Range of organisations willing to experiment with RRI development
- ▶ Global scope
- ▶ Comparative potential + tailoring of approaches
- ▶ Importance of creating ownership of the notion of RRI
- Establishing actions & indicators for success
- «What is the added value of RRI in the research ecosystem?»

