

RI-PATHS PROJECT: MODULAR SOCIO-ECONOMIC IMPACT FRAMEWORK

Workshop on Impact Assessment, Evaluation and
Monitoring of Research Infrastructures

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RI-PATHS PROJECT

- Coordination and support action funded by Horizon 2020
- Implementation period: January 2018 - June 2020 (30 months)
- 8 project partners, including 4 Research Infrastructures who helped piloting the framework



MISSION

Give policy makers, funders and RI managers the **tools to assess RI impact** on the economy and contribution to society.

The goal is to improve the understanding of long-term **impact pathways** of various types of RIs.



APPROACH (I)

The impact framework design **reflects the specificities of RIs** taking into account their mission, type and phase of development



APPROACH (II)

Work is carried out in a participatory manner engaging RI stakeholders in a **co-design of the impact assessment framework**



APPROACH (III)

Project outcomes provide a **practical impact assessment toolbox** for policy makers, funders and RI managers



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731049

APPROACH (IV)

Effort contributes towards a more **common approach** at international level



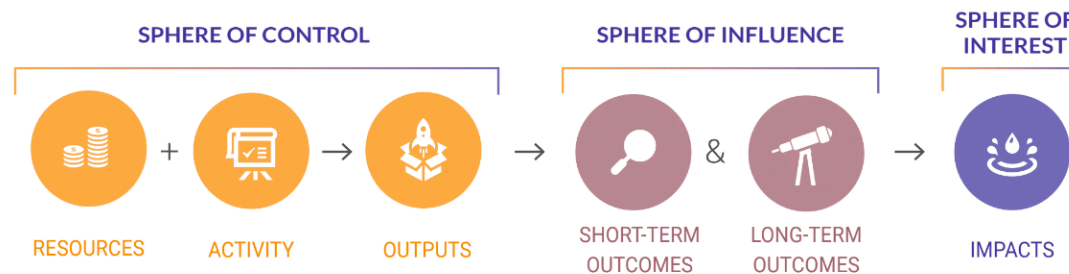
RESULTS

- Online Toolkit - <https://ri-paths-tool.eu/en>
- Accompanying Guidebook
- Pilot reports
- Peer-reviewed articles, book chapters and conference proceedings



KEY CONTRIBUTIONS (I)

- Identification of **13 generic impact pathways** how Research Infrastructures lead to various impacts on society and the economy



- Grouping of pathways along three high-level missions of Research Infrastructures
 - **Enabling science**
 - **Problem solution**
 - **Science and society**



PATHWAYS

ENABLING SCIENCE



P1 Publication-citation-recognition

P2 Employment, operations & standardised procurement

P3 Technology transfer and licensing

P4 Learning and training through joint development of instruments and tools

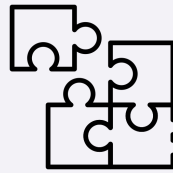
P5 Learning and training by using RI facilities and services

P6 Training and higher education cooperation



PATHWAYS

PROBLEM-SOLVING



P7 Interactive problem-solving for the private sector (industry)

P8 Addressing societal and public-sector challenges

P9 Provision of specifically curated/edited data



PATHWAYS

SCIENCE AND SOCIETY



P10 Changing fundamentals of research practice

P11 Creating and shaping scientific networks and communities

P12 Promoting engagement between science, society and policy

P13 Communication and outreach



KEY CONTRIBUTIONS (II)

- Sorting the **long list of existing indicators** (activity-outcome-impact) and assigning them along the specified pathways
- Detailing the **most frequent Research Infrastructures' impacts** in the areas:
 - Human Resources
 - Economy and Innovation
 - Society
 - Policy
- **Overview of data collection approaches and examples of assessment methodologies**
- Gathering learning from the practical application of various reporting tools and assessment methodologies through **pilot impact assessment exercises**



KEY CONTRIBUTIONS (III)

- Introducing a **more shared impact assessment language** across the diverse stakeholder groups
- Forging a **community of practice** for cross-fertilisation of learning and promoting a common understanding



THANK YOU!



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