

IMPACT-SC5



ASSESSING THE IMPACT PATHWAYS OF IA/RIA SC5 PROJECTS THROUGH THE USE OF PORTFOLIO ANALYSIS

Policy Co-Creation Workshop on Water related projects of Societal Challenge 5

Workshop

12th of May 2021

tecnalia Inspiring Business

JiIP
Joint Institute for Innovation Policy

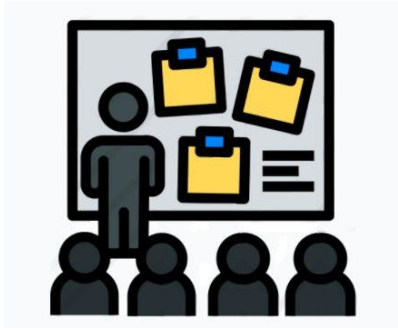
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Q-PLAN
INTERNATIONAL

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869746



Objectives of the workshop



Objectives are twofold:

1. Discuss the results of our analysis regarding the projects in SC5 related to **Water**.
2. Collectively identify how policies on national and European levels can enhance the diffusion and uptake of SC5 projects across the EU.



Structure of the workshop

The workshop is structured in two blocks:



1. Presentation of the **Water** portfolio's conclusions and panel discussion



2. Co-creation session on policy recommendations.



IMPACT-SC5 objective and scope

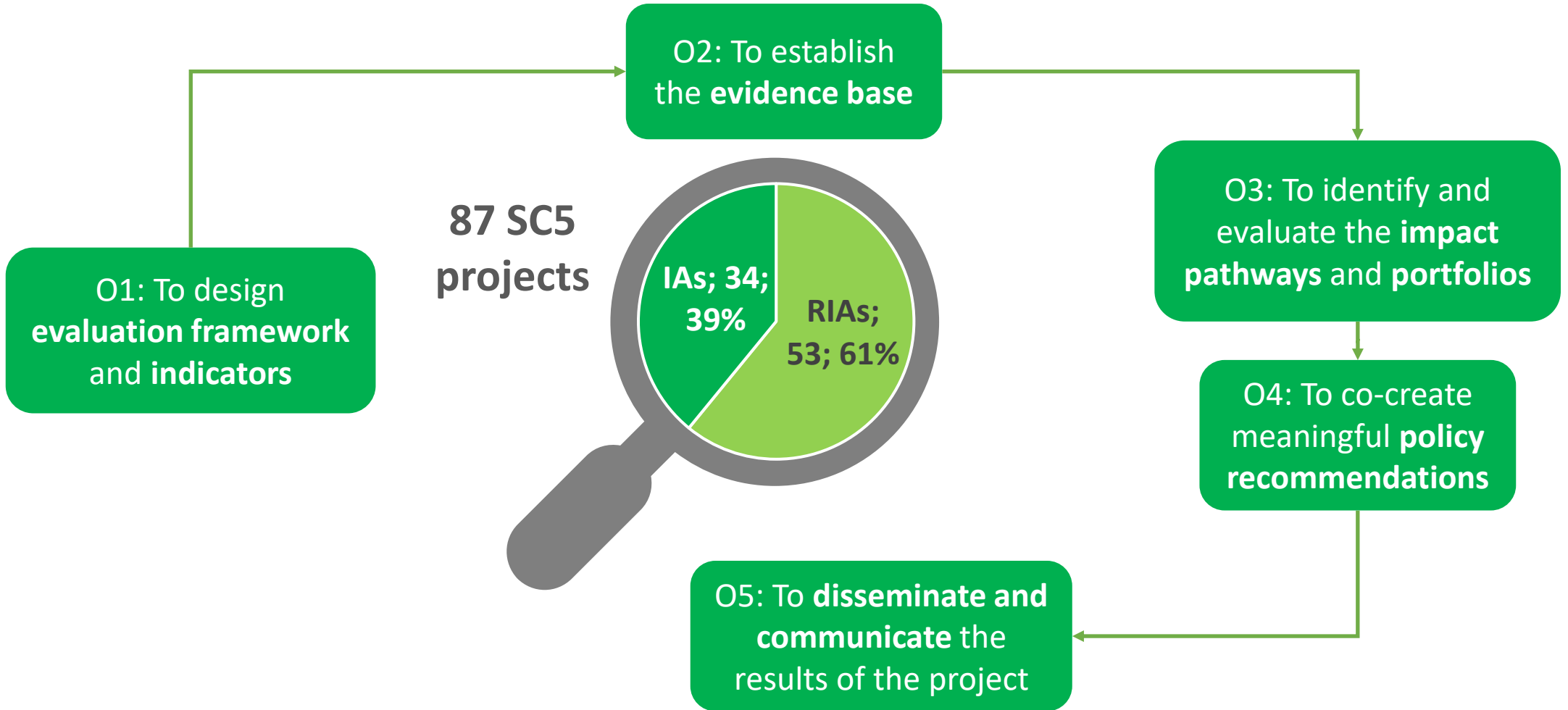


Review the impacts of the projects granted under Horizon 2020 Societal Challenge 5.



- Focused on the **53 RIA** and **34 IA** projects (87 projects) funded under the SC5 Work Programme 2014-2015.
- At individual **project** level but also at **portfolio** level.
- Three **categories** of impacts:
 1. Scientific
 2. Environmental and societal
 3. Economical

IMPACT-SC5 specific objectives



Impact pathway definition



Impact pathway: a simple and likely interpretation on how a project (group or projects, programme, policy) expects to lead to impact.

Sketching impact pathways typically include the identification of a set of steps in the **short, medium** or **longer** term which indicate that the outputs are likely transforming into wider aggregated impacts.

Source: Bruno, N. & Kadunc, M. 2019. "Impact Pathways: Tracking and communicating the impact of the European Framework Programme for research and innovation." *Journal for Research and Technology Policy Evaluation*, 47, 62-71



Impact pathway example



1

STORY LINE: The framework programme creates and diffuses high quality new knowledge, as shown by the high-quality publications that become influential in their field and worldwide

2

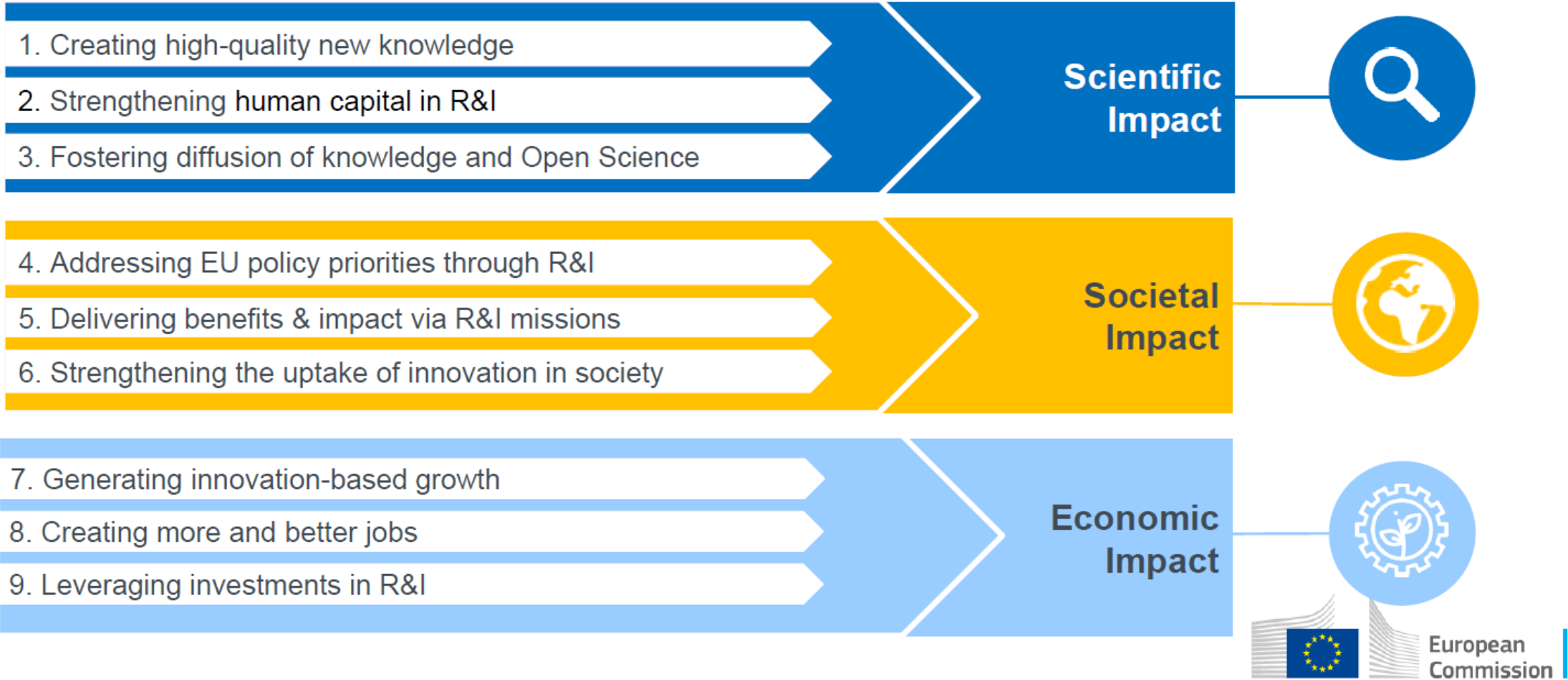


3

DATA NEEDS: Identification of publications co-funded by the FP through the insertion of a specific funding source ID when publishing, allowing follow-up tracking of the perceived quality and influence through publication databases and topic mapping.

*Example of a Key Impact Pathway: **Creating high-quality new knowledge***

Impact pathways approach



Bruno & Kadunck 2018. *Impact pathways: Tracking and communicating the impact of the European framework research programme for research and innovation.*

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Project portfolio: a group of projects that is analysed as a functional whole from a systemic perspective, identifying relations and/or collaborations among projects.

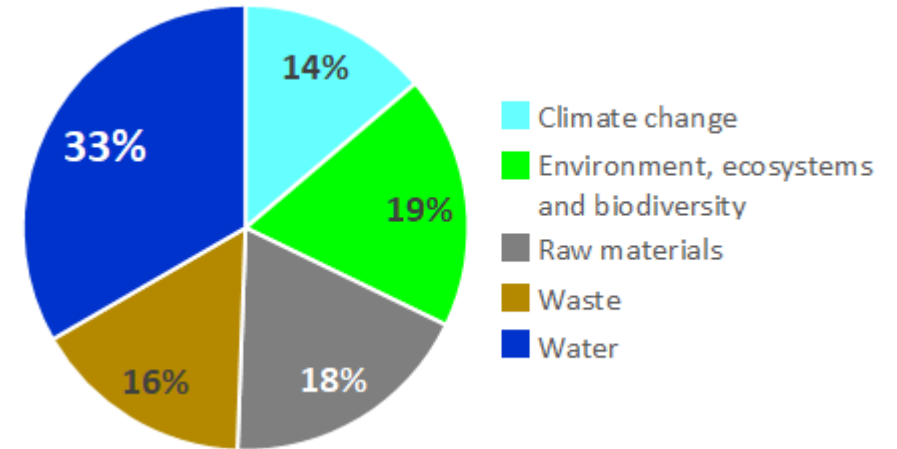
- Common denominators of portfolios: funder, performer, country, topic
- Characteristics of portfolio analysis:
 - ✓ The middle level of analysis - between project and programme levels.
 - ✓ Let us map the diversity of research lines relevant for a given societal challenge.
 - ✓ Well apt to address impact pathways

Portfolios identified


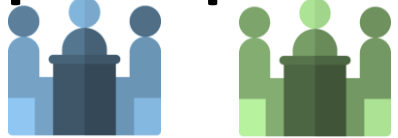






5 portfolios identified:

1. Climate change (12 projects)
2. Environment, ecosystems and biodiversity (16 projects).
3. Raw materials (16 projects).
4. Waste (14 projects).
5. **Water (29 projects).**



Methodology for the co-creation

- Requires **active participation** of the audience: 
- Two rooms: 
- The session will be split into two parts:
 - 1st part: 1st question (25 min.)
 -  • 5-10 min. to contribute your ideas on the 1st question on **IdeaBoardz**
 -  • 20 min. to share your inputs with the room
 - 2nd part: 2nd question (25 min.)
 -  • 5-10 min. to contribute your ideas on the 2nd question on **IdeaBoardz**
 -  • 20 minutes to share your inputs with the room

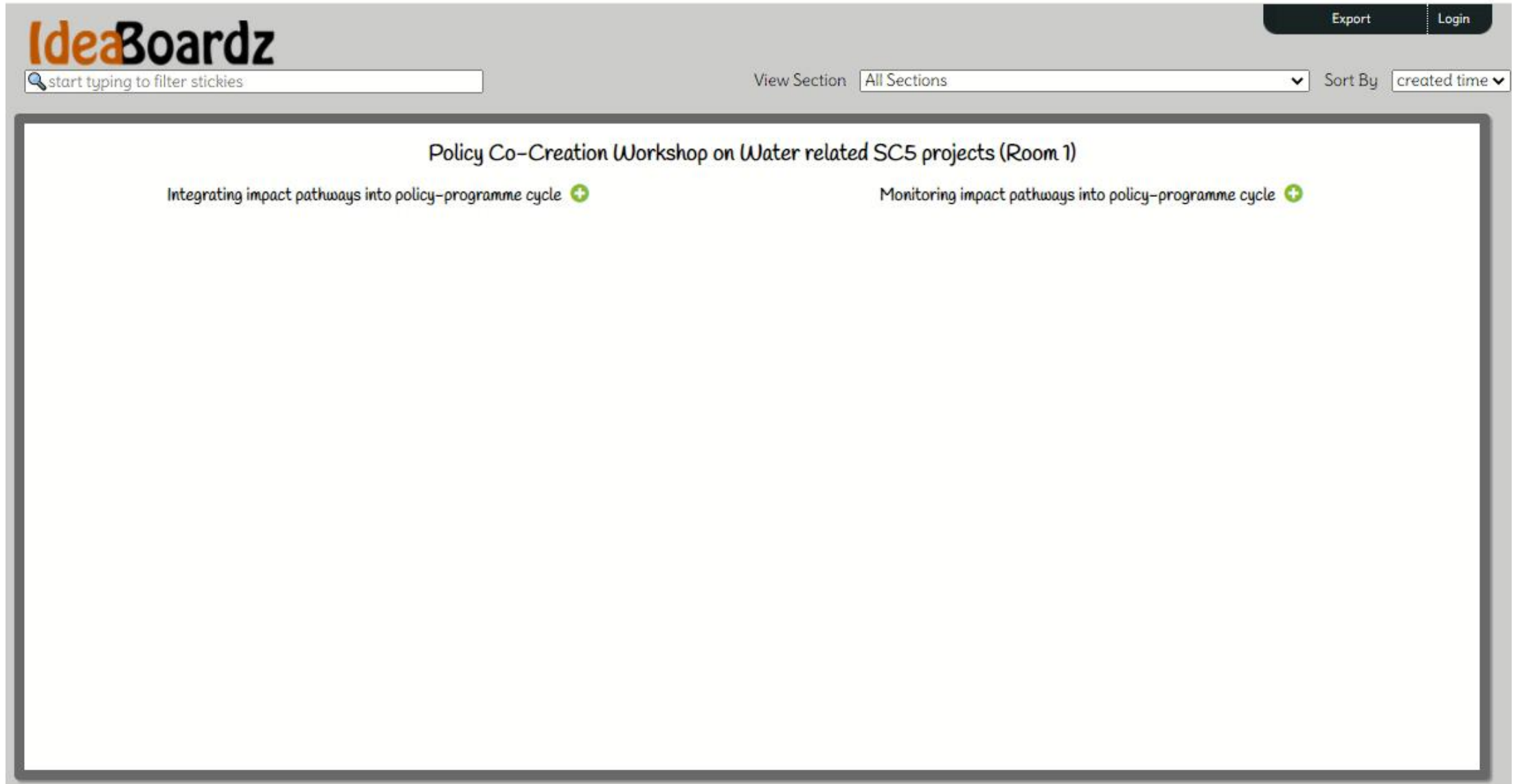
Methodology for the co-creation



- Virtual online board
- Link to the tool in the chat window: <http://bit.ly/Water-Room1>

The screenshot shows the IdeaBoardz interface. At the top left is the 'IdeaBoardz' logo. To its right is a search bar with the placeholder text 'start typing to filter stickies'. Further right are two dropdown menus: 'View Section' set to 'All Sections' and 'Sort By' set to 'created time'. In the top right corner, there are 'Export' and 'Login' buttons. The main content area is titled 'Policy Co-Creation Workshop on Waste related SC5 projects (Room 1)'. Below the title, there are two sections: 'Integrating impact pathways into policy-programme cycle' and 'Monitoring impact pathways into policy-programme cycle'. Each section contains a sticky note. The first sticky note is purple and reads 'NAIARA Example More clearly defined expected impacts'. The second sticky note is green and reads 'NAIARA Example By setting a list of indicators to be accomplished in the call'. Both sticky notes have a '+ 0' indicator at the bottom left.

Methodology for the co-creation



The screenshot displays the IdeaBoardz web application interface. At the top left is the 'IdeaBoardz' logo. To its right is a search bar with the placeholder text 'start typing to filter stickies'. Further right are two dropdown menus: 'View Section' set to 'All Sections' and 'Sort By' set to 'created time'. In the top right corner, there are 'Export' and 'Login' buttons. The main content area is titled 'Policy Co-Creation Workshop on Water related SC5 projects (Room 1)'. Below the title, there are two sticky notes: 'Integrating impact pathways into policy-programme cycle' and 'Monitoring impact pathways into policy-programme cycle', each with a green plus icon to its right.



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1st Question



How can **impact pathways** be integrated into the **policy-programme cycle** so that scientific, societal, environmental and economic impacts from projects are enhanced?

*(Programmes, calls for proposals, projects,... need to be designed in view of **impact pathways**.
How can this be achieved?)*



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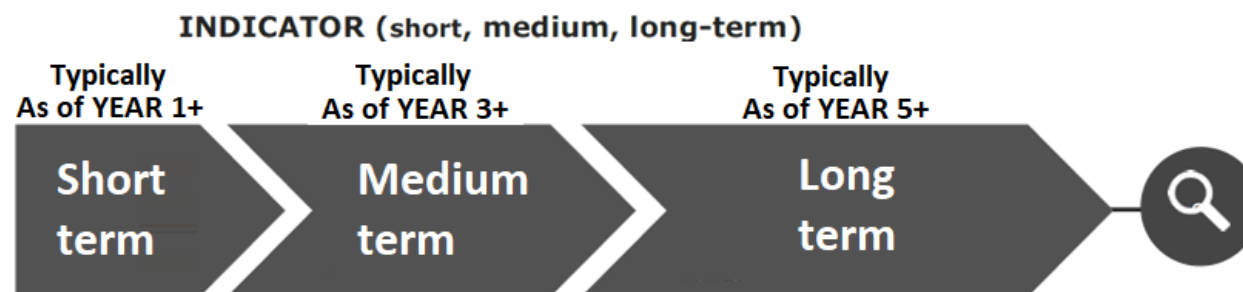
2nd Question ?



How can **projects** be **monitored** such that it allows measuring short, mid and longer-term impacts?

(Some information and data are reported about projects during their inception and implementation. But hardly any information is recorded with respect to the impacts after projects completion.

How can this be improved?)





Policy Co-Creation Workshop on **Water** related projects of Societal Challenge 5

Thank you very much!!



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