



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

**D5.8: Dissemination Workshop Package**

Project acronym	IMPACT-SC5
<b>Title</b>	Assessing the Impact Pathways of IA/RIA SC5 Projects through the use of Portfolio Analysis
<b>Agreement number</b>	869746
<b>Deliverable</b>	D5.8
<b>Document title</b>	D5.6.4 Dissemination Workshop Package
<b>Document type</b>	Report
<b>Due date of deliverable</b>	30/06/2021
<b>Actual submission date</b>	30/06/2021
<b>Reference</b>	IMPACT-SC5
<b>Dissemination level</b>	Public
<b>Version</b>	Final
<b>Status</b>	Draft
<b>Date</b>	30/06/2021
<b>Project start date</b>	1 November 2019
<b>Duration</b>	20 months

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



# Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
<b>2</b>	<b>Workshop introduction .....</b>	<b>4</b>
2.1	Objectives.....	4
2.2	Workshop format .....	4
2.3	Workshop Agenda .....	5
<b>3</b>	<b>IMPACT-SC5 presentation outlines .....</b>	<b>7</b>
3.1	Presentation of the project and its methodology.....	7
3.2	Results at project level .....	7
3.3	Results at portfolio level.....	8
3.4	Programme and Evaluation recommendations .....	8
<b>4</b>	<b>Workshop results.....</b>	<b>10</b>
4.1	Registration and participation.....	10
4.2	Panel discussion .....	12
4.3	Open discussion.....	12
<b>5</b>	<b>Additional information.....</b>	<b>16</b>
5.1	Website description and programme outline .....	16
5.2	Speaker biographies .....	17

## 1 Introduction

The current document constitutes **deliverable D5.8 (formerly 5.6.4): Dissemination Workshop Package** elaborated in the framework of the IMPACT-SC5 project, which has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 869746.

Overall, the IMPACT-SC5 project – “*Assessing the impact pathways of IA/RIA SC5 projects through the use of portfolio analysis*” – aimed to review the impacts of the projects granted under Horizon 2020 Societal Challenge 5 (SC5) as described in its Work Programmes and Calls (e.g. Water-2014, Waste-2015, EE-2014, etc.). This evaluation and impact assessment focused on the 87 Research and Innovation Action (RIA) and Innovation Action (IA) projects funded under the SC5 Work Programme 2014-2015 and looked at them in terms of their scientific, economic, societal and environmental performance, both individually and across portfolios of projects.

All the information obtained from the literature review, the survey and the interviews were previously analysed at project level, in Work Package 2 “Exploration of SC5 projects” and at portfolio level, in Work Package 3 “Contextualization and impact assessment”. Activities under Work Package 4, “Policy Recommendations” are being finalized and were presented during the Final Dissemination Workshop on 16 June 2021. This document represents the eighth deliverable of Work Package 5: “Workshop Package”. It refines the communication materials based on the outcomes of the Final Dissemination Workshop to be provided to the European Commission for potential future similar workshops. This Package includes the updated workshop programme, speaker biographies, and outline of final presentations (with the presentations themselves included D5.7 Workshop presentations). The presentations set the scene for the panel and participant (open) discussion as follows:

- European Commission DG for Research and Innovation unit G2: Key Impact Pathways in programme design, implementation and monitoring & evaluation.
- IMPACT-SC5 consortium: a) scope and methodology of the assessment including the development of the five portfolios; b) scientific, societal and economic results generated by the 87 projects at micro level; c) scientific, societal and economic results assessed at portfolio level (meso) and conclusions regarding the impact at programme level (macro) to be expected in the longer term; d) recommendations for policy development and evaluation & monitoring.

To facilitate the reading of this deliverable, it has been structured in the following manner:

- **Chapter 1** provides introductory information about the context in which this deliverable has been elaborated.
- **Chapter 2** introduces the workshop's objectives, format and final agenda.
- **Chapter 3** provides the outlines of the presentations prepared by the consortium on project scope and methodology, results at project level, results at portfolio level and conclusions and recommendations.
- **Chapter 4** is the Annex to this document with supporting information.

## 2 Workshop introduction

The IMPACT-SC5 Final Dissemination Workshop aimed at communicating and promoting the results of the IMPACT-SC5 project among EU and national policymakers, R&I policy evaluation experts as well as any other interested stakeholders. In parallel, insights and input were collected on the policy and programme as well as evaluation recommendations from the participants to feed the final report of our study.

During this final dissemination workshop, we presented the results, conclusions, and recommendations of the IMPACT-SC5 project, and invited a panel and the participants to critically reflect on our findings to refine our conclusions in the Synthesis Report (D4.1) and development of guidelines and tools (D4.3 Actionable knowledge toolkit) for:

1. Writers of the work programmes and call topics.
2. Implementing agencies tasked with the evaluation and monitoring of projects.
3. Applicants.

Under Task 5.2 (Identification and engagement of stakeholders), a list of 680 stakeholders was developed covering the above participant categories. This ensured a broad and wide-reaching awareness of the project and participation in the workshop. The workshop was originally planned to take place at European Commission premises in Brussels. Due to COVID-19 restrictions, the workshop was organised fully online.

### 2.1 Objectives

The Final Dissemination Workshop had the following objectives:

- Communicating and promoting the results of the IMPACT SC-5 project among:
  - National policymakers.
  - R&I policy evaluation experts.
  - Other interested stakeholders.
- Collect input and insights on the policy and project management recommendations from the participants. These results will feed into the final report of the project.
- Reflect on findings of the project so far.

### 2.2 Workshop format

The 2 1/2-hour agenda was split into four sessions: 1) welcome and introduction, 2) IMPACT-SC5 project results, 3) panel discussion, and 4) open discussion. Platform: Microsoft Teams.

Session 1 (20 mins) after having welcomed the participants, we started with two Slido polls asking which country people were joining from and which type of organisation they represented. Then, the European Commission DG RTD presented the role of Key Impact Pathways in the design, implementation and evaluation of the programme

Session 2 (60 mins) gave an overview of the SC5 project (see section 3 below for presentation outlines and D5.7 for the presentations). Consortium partners presented the objectives, methods, results and recommendations of the project. During the presentations, participants were able to ask questions through the chat.

In Session 3 (30 mins) three panellists (see below for names) were asked to reflect on the results and conclusions. To structure the discussion we developed three questions, which were sent to them beforehand to allow them to prepare (see section 4 below).

Session 4 (40 mins) was an open discussion with practitioners from national/EU policy, funding and implementation agencies, project coordinators and partners and anyone interested to contribute to enhancing impact from research and innovation. The aim was to validate and improve our recommendations for policy implementation and project management. Using Slido, we asked participants to rank our recommendations in order of priority/urgency (see section 4 below).

## 2.3 Workshop Agenda

The following is the final agenda.

Time (duration)	Topic	Speaker
10:00-10:20 (20 mins)	Welcome and introduction	TECNALIA, Linda van Duivenbode
	From Horizon 2020 to Horizon Europe – policy and implementation: <ul style="list-style-type: none"> <li>The role of Impact Pathways in design, implementation and monitoring</li> </ul>	European Commission DG RTD, Šimon Trlifaj, Economic and Policy Analyst
10:20-11:20 (60 mins)	IMPACT-SC5 project In this block, the partners will present the objectives, methods, results and recommendations.	
	Presentation of the project and its methodology	TECNALIA, Naiara Uribe IMPACT-SC5 Coordinator
	Results at project level	Q-PLAN, Kevin Trendafili
	Results at portfolio level	VTT, Janne Lehenkari
	Evaluation recommendations	Q-PLAN, Foteini Psarra
	Opportunity for Q&A	
11:20- 11:50 (30 mins)	Panel discussion / presentation on impact pathways	<b>Šimon Trlifaj</b> , Economic and Policy Analyst, European Commission DG RTD, <b>Nicholas S. Vonortas</b> Director, Institute for International Science and Technology Policy Professor IISTP & Department of Economics. <b>Profesor Nicolaos Theodossiou</b> , Aristotle University of Thessaloniki

Time (duration)	Topic	Speaker
11:50-12:30 (40 mins)	Open discussion with practitioners from national/EU policy, funding and implementation agencies, project coordinators and partners and anyone interested to contribute to enhancing impact from research and innovation. The aim is to validate and improve our recommendations for policy implementation and project management.	All participants  Input: poll questions to rank the two types of recommendations

### 3 IMPACT-SC5 presentation outlines

In block 2 of the workshop, the consortium partners presented the project methodology, results, conclusions and recommendations through four separate presentations. The duration of this block was one hour. The following sections present the outlines of each presentation, with the full presentations available in D5.7 Workshop Presentations and on the Impact-SC5.eu website.

#### 3.1 Presentation of the project and its methodology

To clarify to the audience what the objective, scope and approach was of the IMPACT-SC5 project, we started the workshop with a presentation comprising the following topics.

- Presentation of the IMPACT-SC5 project
  - Objective and scope
  - Specific objectives
- Key methodological aspects
  - The impact pathway definition
  - The IMPACT-SC5 impact pathways approach
  - The IMPACT-SC5 project portfolios
  - The assessment criteria
  - The data collection tools
- Limitations on evaluation implementation

#### 3.2 Results at project level

Having introduced the project overall, we turned to the results produced by the projects. The following is the outline for the presentation of the project's results.

##### **Introducing the 87 SC5 projects under investigation**

- Facts & Figures on the SC5 projects under scrutiny
  - Funding Scheme and Topic
  - Implementation Period
  - Participating Organisations
  - Cost and Funding

##### **Key scientific results achieved**

- Creating high quality new knowledge, reducing knowledge gap
- Strengthening human capital in R&I
- Fostering diffusion of knowledge and open data
- Partnerships and international openness

##### **Key societal results achieved**

- Addressing EU Policy priorities

- Strengthening the uptake of innovation in society

### **Key economic results achieved**

- Generating innovation-based growth
- Leveraging investment in R&I
- Development and adoption of innovative technological solutions

### **3.3 Results at portfolio level**

From the presentation of the individual project results, we moved to the assessment of the five portfolios and the conclusions on impact to be drawn from those. The outline for this presentation, following the outline of the deliverable Synthesis Report (D4.1), is the following:

- Project portfolios at a glance
- SC5 2014-2015 expected impacts
- Portfolio comparison: Key Performance Indicators
- Close-up: WATER portfolio
- Portfolio comparison of scientific impact pathway
  - Short-term impacts
  - Medium- and long-term impacts
- Portfolio comparison of societal and environmental impact pathway
  - Short-term impacts
  - Medium- and long-term impacts
- Portfolio comparison of economic impact pathway
  - Short-term impacts
  - Medium- and long-term impacts
- Cross-cutting issues:
  - Clustering activities
  - EU added value

### **3.4 Programme and Evaluation recommendations**

The final step in our assessment was to turn our findings and conclusions regarding the impact pathways of projects and project portfolios into programme and evaluation recommendations, to ensure a legacy of this project. The presentation outline to discuss the recommendations is as follows:

- Towards impact-informed programme cycle
  - Recommendation on future programme actions
  - Recommendations for future evaluation exercises

---

All presentations, including the one from Šimon Trlifaj, Economic and Policy Analyst at DG RTD, are available on the website <http://www.impact-sc5.eu> and in deliverable document D5.7 Workshop presentations.

## 4 Workshop results

### 4.1 Registration and participation

A total of 78 people registered to attend the workshop, from the following countries:

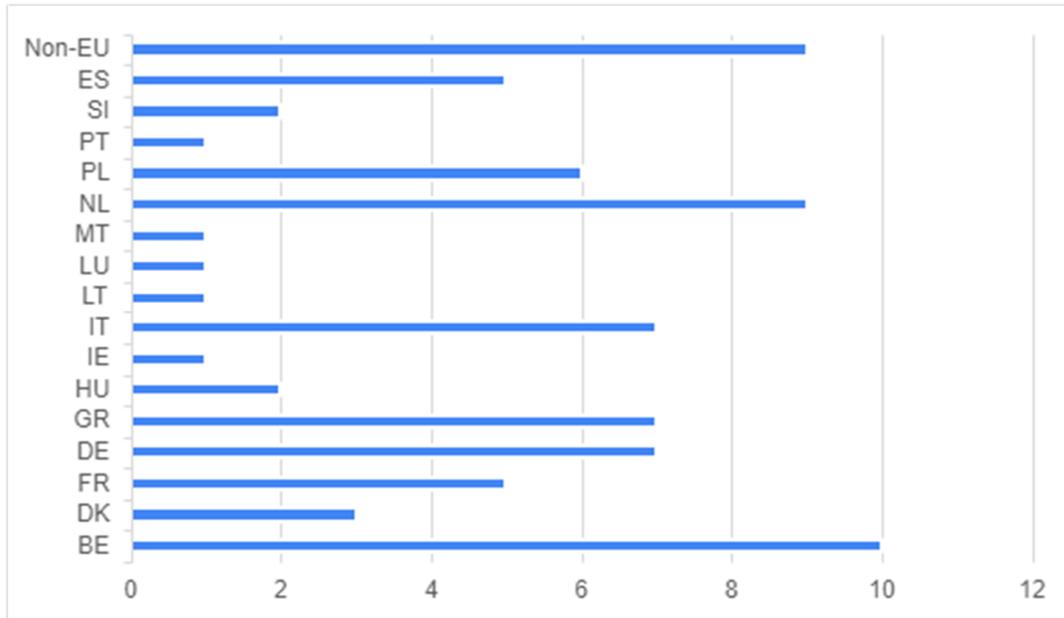


Figure 1: Registrant distribution across countries

In terms of their type of organisation, around two fifths of the participants work for research organisations and higher and secondary education institutions (39,0%), one third for public bodies (28,6%) while a quarter does it for for-profit private firms (23,4%). Of those, the majority of participants come from SMEs (around 89,0%). A minor 3% works for NGOs and the same percentage for large firms whereas 6% of participants work for other types of establishments (Figure 2).

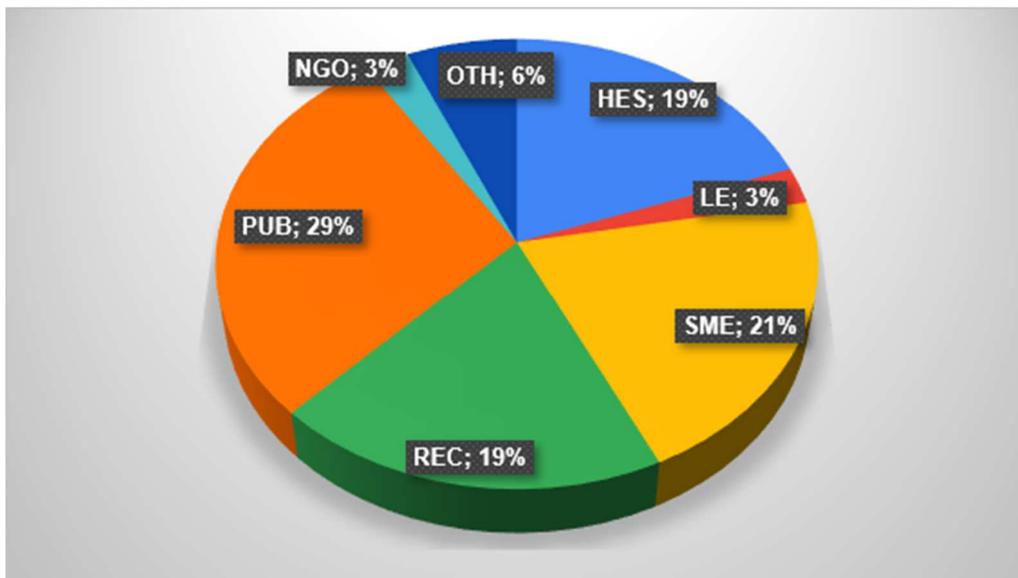
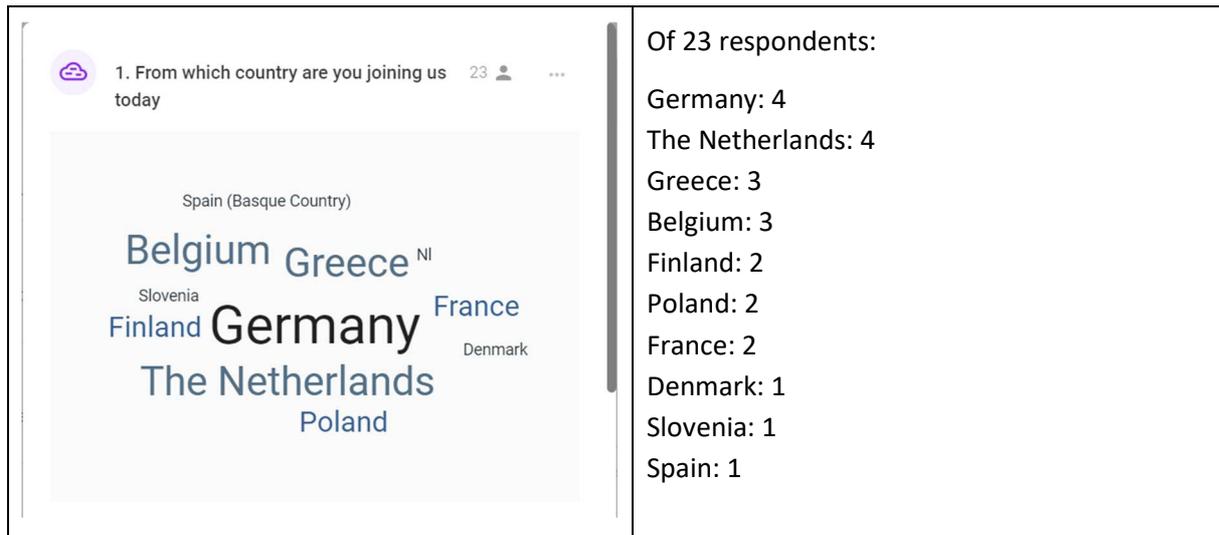


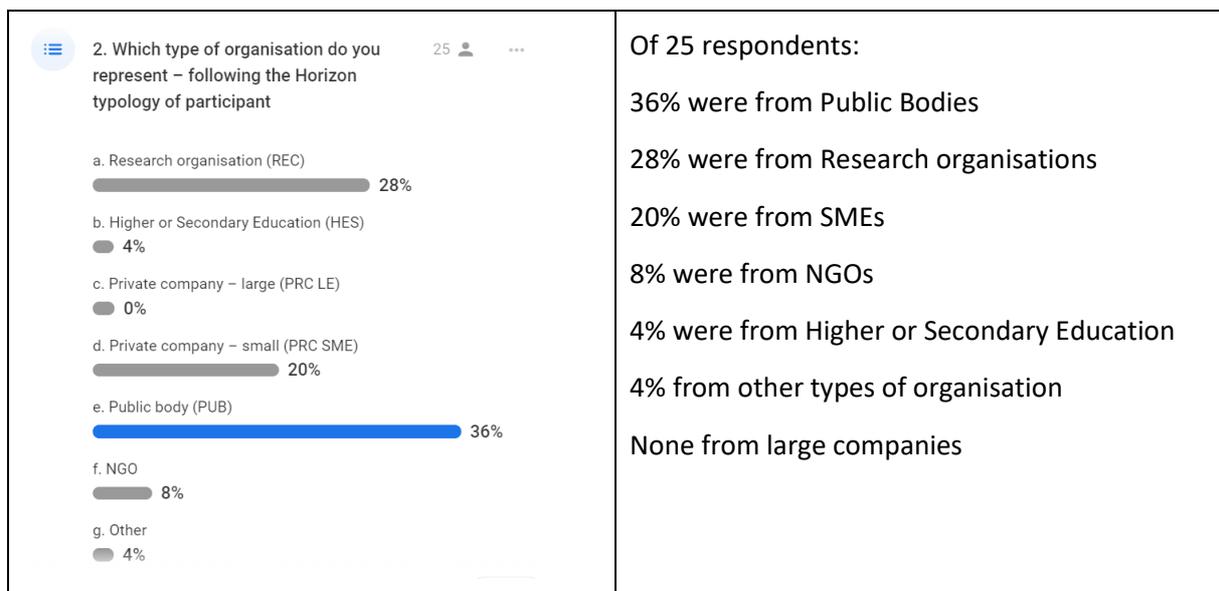
Figure 2: Registrant distribution across type

Eventually, in total 50 external participants (or 64,1% of the registrants ultimately showed up) joined the IMPACT-SC5 Final Dissemination Workshop. The average retention time per participant is calculated at 95.4 minutes or around one and a half hour. To this end, the first session started with a quick explanation of the workshop and its goals. To get an idea of the audience and as icebreaker, we ran two poll questions (using Slido) to get information about which countries and which types of organisation were represented.

1. From which country are you joining us today? The results of the poll (including only people who took part in the poll i.e. not covering all participants)



2. Which type of organisation do you represent (following the Horizon typology)?



## 4.2 Panel discussion

In preparation for the workshop, we sent the three panel members the draft Synthesis Report (D4.1), the workshop agenda and the consortium presentations. In addition, we prepared the following three questions to guide the discussion.

- 1. To what extent do you expect the *explicit* inclusion of impact pathways in the Horizon Europe RIA/IA application form (with the use of a canvas) to lead to projects achieving a greater impact? And to what extent is achieving impact (still or mostly) driven by the clarity of the call text.**

Question rationale: previous FPs were also expected to deliver direct results, mid-term outcomes and longer-term impacts. This is supported by the evolution of D&E&C measures included in the proposal and indicators in the project reporting cycle. The revised application template for Horizon Europe RIA/IA includes a set of definitions and impact pathway canvas, making the requirement to define impacts more explicit. In our evaluation we have seen that applicants strongly follow the call text (where this asked for SME involvement, there was a high SME involvement; where this asked for citizen engagement through crowd sensing / sourcing ,etc., there was a strong focus on citizen engagement) therefore is a “beyond the state-of-the-art” call description the most important element to drive scientific, societal and economic impact?

- 2. Should projects at individual level or as a cluster / portfolio level (i.e. a related grouping of projects addressing a common target or objective) be held responsible for the programme achieving impact at an aggregated level. Should there be a standardized set of indicators that allows monitoring, measuring and aggregating results?**

Question rationale: projects can be held accountable only for their own activities and results. At the same time, more emphasis is placed on clusters of projects responding to the same objectives. To achieve the higher level targets and objectives of the programme (climate neutrality, circularity etc.) this makes sense, yet for the project participants having to actively coordinate research and innovation agenda adds a level of complexity (to an already complex project management with multiple partners). The question is therefore whether we should place the burden at project level or use the standardized reporting to monitor progress towards targets.

- 3. Is there too much emphasis on “success” and should we allow for and learn from “failure”?**

Question rationale: we like to showcase the successes, to inspire as well as to build upon in further work. Consortia must implement the activities as set out in the proposal despite changes in the external or internal environment (a recent example is of course the way Covid-19 completely changed our way of working and travelling but could also be private company partners, who were supposed to implement the economic pathway actions, dropping out)

## 4.3 Open discussion

To structure the Open Discussion, allowing all participants to provide their input, we prepared two poll questions based on the two sets of recommendations (policy and evaluation). We asked participants to rank the recommendations in order of priority / urgency. People also had the opportunity to say if

they missed anything or if they deemed a recommendation not relevant. After each question we asked a participant who ranked the top priority to explain why they considered that most urgent.

Q1: We would like you to rank our **policy** recommendations in order of priority. Results are shown in the table below.

Table 1: Participant ranking of policy recommendations

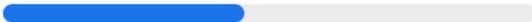
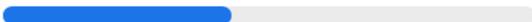
<p>a) <b>Impact pathways-driven policy cycle:</b> take measuring and monitoring (indicators) into account when designing and implementing the programme, with a clear balance and distinction between RIA and IA (e.g. through a more consistent use of TRL).</p> <p>b) <b>Training on impact pathways thinking</b> for policy officers, project officers and practitioners/beneficiaries.</p> <p>c) <b>Facilitate clustering activities:</b> driven bottom-up and based on the needs of the project, determined by the coordinator and partners.</p> <p>d) <b>Make an active role for partners in networking compulsory:</b> The project partners should take a more active role in networking activities for better use of personnel resources and flow of information.</p> <p>e) <b>Follow-up measures for SMEs:</b> SMEs are vulnerable to suffer from gaps in terms of personnel and financial resources and better support for SMEs' follow-up activities is needed.</p> <p>f) <b>Make Responsible Research &amp; Innovation (RRI) visible:</b> The everyday work on gender equality and ethical human resources management should be made visible and credited to raise public awareness.</p> <p>g) <b>One-point access to projects' results:</b> Information on the past research projects is scattered on general and domain-specific online platforms that should be accessible via one web portal. Make Cordis files searchable through search engine.</p> <p><b>Impact pathways at portfolio level:</b> Active information sharing between project officers is needed for ensuring</p>	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>↑↓</span> <span>3. We would like you to rank our policy recommendations in order of priority.</span> <span>23 </span> <span>...</span> </div> <ol style="list-style-type: none"> <li>1. Impact pathways-driven policy cycle: take measuring and monitoring (indicators) into account when designing and implementing the programme, with a clear balance and distinction between RIA and IA (e.g. through a more consistent use of TRL).           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 80%;"><div style="width: 80%; height: 10px; background-color: #007bff;"></div></div> <span>6.44</span> </div> </li> <li>2. Training on impact pathways thinking: for policy officers, project officers and practitioners/beneficiaries.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 70%;"><div style="width: 70%; height: 10px; background-color: #007bff;"></div></div> <span>5.39</span> </div> </li> <li>3. Facilitate clustering activities: driven bottom-up and based on the needs of the project, determined by the coordinator and partners.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 60%;"><div style="width: 60%; height: 10px; background-color: #007bff;"></div></div> <span>4.04</span> </div> </li> <li>4. Impact pathways at portfolio level: Active information sharing between project officers is needed for ensuring realisation of impact pathways at the portfolio level.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 50%;"><div style="width: 50%; height: 10px; background-color: #007bff;"></div></div> <span>4.00</span> </div> </li> <li>5. One-point access to projects' results: Information on the past research projects is scattered on general and domain-specific online platforms that should be accessible via one web portal. Make Cordis files searchable through search engine.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 40%;"><div style="width: 40%; height: 10px; background-color: #007bff;"></div></div> <span>3.48</span> </div> </li> <li>6. Follow-up measures for SMEs: SMEs are vulnerable to suffer from gaps in terms of personnel and financial resources and better support for SMEs' follow-up activities is needed.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 55%;"><div style="width: 55%; height: 10px; background-color: #007bff;"></div></div> <span>3.39</span> </div> </li> <li>7. Make an active role for partners in networking compulsory: The project partners should take a more active role in networking activities for better use of personnel resources and flow of information.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 50%;"><div style="width: 50%; height: 10px; background-color: #007bff;"></div></div> <span>3.17</span> </div> </li> <li>8. Make Responsible Research &amp; Innovation (RRI)gender equality visible: The everyday work on gender equality and ethical human resources management should be made visible and credited to raise public awareness.           <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="width: 30%;"><div style="width: 30%; height: 10px; background-color: #007bff;"></div></div> <span>1.96</span> </div> </li> </ol> </div>
--	---

realisation of impact pathways at the portfolio level.	
--	--

Q2: We would like you to rank our **evaluation** recommendations in order of priority. Results are in the table below.

Table 2: Participant ranking of evaluation recommendations

<p>a) <b>Training of impact terminology:</b> provision of training on indicators (design, use, integration within programmes and projects) at various levels (policy, programme managers, project partners).</p> <p>b) <b>Short-listing measurable impact indicators:</b> an elaborated list of indicators helps towards good reporting and targeting of impacts as well as supports applicants targeting impacts at the proposal phase.</p> <p>c) <b>Balance GDPR with data collection/sharing for monitoring and evaluation:</b> Impact-related data collected and reported during publicly funded projects should be available for evaluation processes and improve accountability</p> <p>d) <b>Design new project reporting processes:</b> current evaluation processes (at project level) focus on monitoring project’s progress during contract period. New processes need to be developed for monitoring project’s anticipated impacts in the near future (medium-to-long term).</p> <p>e) <b>Coherence between objectives and impacts at call level:</b> alignment between call objectives and expected impacts (e.g. expected TRLs should match with expected results in terms of market uptake) could be achieved via trainings in call writing, co-operation among practitioners and officers, etc.</p>	<div style="border: 1px solid #ccc; padding: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>5. We would like you to rank our evaluation recommendations in order of priority.</span> <span>11 </span> <span>...</span> </div> <ol style="list-style-type: none"> <li style="margin-bottom: 10px;"> <p>1. Coherence between objectives &amp; impacts at call level: alignment between call objectives and expected impacts (e.g. expected TRLs should match expected results related to market uptake) could be achieved via trainings in call writing, etc.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 100px; height: 10px; background: linear-gradient(to right, #007bff, #ccc);"></div> <span>5.18</span> </div> </li> <li style="margin-bottom: 10px;"> <p>2. Design new project reporting processes: current evaluation processes (project level) focus on monitoring project’s progress during contract period. New processes need to be developed for monitoring project’s anticipated impacts in the near future.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 100px; height: 10px; background: linear-gradient(to right, #007bff, #ccc);"></div> <span>5.00</span> </div> </li> <li> <p>3. Training of impact terminology: provision of training on indicators (design, use, integration within programmes and projects) at various levels (policy, programme managers, project partners).</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 100px; height: 10px; background: linear-gradient(to right, #007bff, #ccc);"></div> <span>4.73</span> </div> </li> </ol> </div>
--	---

<p>f) <b>Improvement of gender reporting:</b> Indicators should go beyond measurement and proactively stimulate the contribution of projects towards gender equality and inclusiveness.</p> <p>g) <b>Need for updated and consistent data:</b> currently EU project level data is only available to the Commission but not to evaluation teams, undermining the work of external evaluators. There is a need for new processes that will facilitate provision of project / applications data to evaluators</p>	<p>3. Short-listing measurable impact indicators: an elaborated list of indicators helps towards good reporting and targeting of impacts as well as supports applicants targeting impacts at the proposal phase.   4.73</p> <p>5. Balance GDPR with data collection/sharing for monitoring and evaluation: Impact-related data collected and reported during publicly-funded projects should be available for evaluation processes and improve accountability   2.91</p> <p>6. Need for updated &amp; consistent data: now project level data is only available to the EC but not to evaluation teams, undermining the work of external evaluators. Need for new processes to facilitate provision of project/applications data to evaluators   2.73</p> <p>7. Improvement of gender reporting: Indicators should go beyond and measurement and proactively stimulate the contribution of projects towards alleviation of male/female discrepanciesgender equality and inclusiveness.   1.55</p>
--	--

## 5 Additional information

### 5.1 Website description and programme outline



### **Final dissemination workshop**

**16 June 2021, 10:00-13:00 CEST**

[Register for the final workshop](#)

The IMPACT-SC5 Final Dissemination Workshop aims at communicating and promoting the results of our IMPACT-SC5 project among EU and national policymakers, R&I policy evaluation experts as well as any other interested stakeholders.

In parallel, during the context of the workshop insights and input will be collected on the policy and project management recommendations from the participants to feed the Final report of our study.

This will be an online workshop, to be held on 16 June 2021. from 10:00 to 13:00 CEST.

The [IMPACT-SC5](#) project evaluated 87 projects from the Horizon 2020 Societal Challenge 5 ‘Climate Action, Environment, Resource Efficiency and Raw Materials’. These 87 projects were Research and Innovation Actions (RIA) and Innovation Actions (IA) awarded under the 2014-2015 work programme.

Moving from Horizon 2020 to Horizon Europe, the European Commission wants to be able to determine the impact of projects beyond the duration of a project with its immediate (short-term) results: impact pathways.

A novel element to IMPACT-SC5 is therefore the development of an evaluation framework and set of indicators to determine if, based on the short-term results, longer-term shifts in science, society and economy could be expected. This assessment was not only carried out for the 87 individual projects, but also for logical groupings of projects (portfolios).

During this final dissemination workshop, we will present the findings of the IMPACT-SC5 project including policy and project management recommendations. Within the context of impact pathway approach, we invite participants to critically reflect on our findings to develop guidelines and tools for a) writers of the work programmes and call topics; b) implementing agencies tasked with the evaluation and monitoring of projects; c) applicants.

Horizon Europe describes ‘pathway to impact’ as: logical steps towards the achievement of the expected impacts of the project over time, in particular beyond the duration of a project. A pathway begins with the projects’ results, to their dissemination, exploitation and communication, contributing to the expected outcomes in the work programme topic, and ultimately to the wider scientific, economic and societal impacts of the work programme destination.

## 5.2 Speaker biographies

### **Šimon Trlifaj, European Commission**

A 2018 graduate of CEU’s master’s in public administration (MPA) with an undergraduate degree in Economics and Finance from Charles University in Prague. Currently working as an analyst in several directorates-generals under the Junior Professionals Programme:

- DG Research and Innovation (October 2020 to now): impact monitoring and evaluation of EU's research and innovation programme, Horizon Europe.
- DG GROW (April 2020 to September 2020): economic analysis of chemicals' regulation.
- Secretariat-General (October 2019 to March 2020): barriers to EU's single market, research and innovation partnerships.

### **Nicholas S. Vonortas, Elliot School of International Affairs**

Nick Vonortas is Professor of Economics and International Affairs at The George Washington University in Washington D.C. He is a faculty member of the Department of Economics, of the Institute for International Science and Technology Policy (IISTP), and of the Trachtenberg School of Public Policy and Public Administration. He is currently the Director of the IISTP and the MA program on International Science & Technology Policy.

His teaching and research interests are in industrial organization, in the economics of technological change, and in technology and innovation policy and strategy. He specializes on strategic partnerships/innovation networks, investment under uncertainty, technology transfer, knowledge-intensive entrepreneurship, and R&D program evaluation. He has published widely on these issues.

**Professor Nicolaos Theodosiou, Aristotle University of Thessaloniki**

Professor Theodosiou is a Civil Engineer, and Associate Professor in the Division of Hydraulics and Environmental Engineering at the Department of Civil Engineering, School of Technology. Nikos Theodosiou is also Chair of the Sustainable Development Solutions Network SDSN Black Sea.

**Naiara Uribe Labandeira, TECNALIA**

Naiara Uribe holds a bachelor's degree in Business Administration from the University of the Basque Country (ES) and a master's degree in International Trade. Since 2014, she is working at Policies for Innovation and Technology area (POINT) at TECNALIA. She is responsible for managing European and international projects supporting innovation related strategic policy making. Prior to joining TECNALIA, she has worked at consultancy having over 15 years of professional experience in design, implementation of public policies, strategies and instruments to boost innovation and regional competitiveness, having provided advisory services to both technological institutions and public administration.

**Kevin Trendafil, Q-PLAN**

Kevin has a background in research and innovation policy studies and has been working for Q-PLAN international for over three years. Q-PLAN's main activities include the elaboration of studies on behalf of the European Commission and participation in international projects of Research, Technological Development and Innovation.

**Janne Lehenkari, VTT**

Janne started his academic career in History of Science and Ideas at the University of Oulu in Finland. Then he continued his studies in innovation through a PhD and post-doc at the University of Helsinki. He started working at VTT almost 9 years ago. VTT is the leading research and technology company in the Nordic countries. Their task is to advance the utilisation and commercialisation of research and technology in commerce and society. Through scientific and technological means, they turn large global challenges into sustainable growth for businesses and society.

**Foteini Psarra, Q-PLAN**

Fonteini holds a bachelor's degree in Business Administration from the University of Macedonia (GR) and an MSc in Operational Research from Strathclyde University (UK). Since 2001 she has been working on European and international research projects as a researcher and project manager of studies and projects addressing the evolution of research, technological development and innovation on regional, national and European level. Currently, she is exploring the novel trajectories of Innovation stimulated by its interaction with social and economic developments, and depicted in (ICT-enabled) Social Innovation, Design Innovation, etc.