



# SPkg 3 – Impact Booster

Elizabeth Pollitzer, Portia Claartje Vinkenburg , Portia

16 August 2024



Funded by the European Union



Project no.	101058537
Project acronym:	INSPIRE
Project title:	INSPIRE: Centre of Excellence on Inclusive Gender Equality in Research & Innovation: Creating Knowledge & Engaging in Collaborative Action
Call:	HORIZON-WIDERA-2021-ERA-01
Start date of project:	01.10.2022
Duration:	48 months
Deliverable title:	SPkg 3 – Impact Booster
Due date of deliverable:	NA
Actual date of submission:	16.08.2024
Deliverable Lead Partner:	Portia
Dissemination level:	Public

Authors & contributors name and organisation	Role
Elizabeth Pollitzer, Portia Claartje Vinkenburg, Portia	Lead author(s)
Rachel Palmén, FUOC	
Ewelina Ciaputa, JU	Contributor(s)
Ewa Krzaklewska, JU	
Susanne Bührer-Topçu, Fraunhofer	
Andrea Löther, Gesis	
Ewelina Ciaputa, JU	Quality assurance editor
Molly Occhino, SDU	
Liv Baisner Petersen, SDU	





The work contained in this document is subjected to a Creative Commons license (<u>https://creativecommons.org/licenses/by-nc-sa/4.0/</u>).

### **Disclaimer**

### Consortium

FUOC	Fundació per a la Universitat Oberta de Catalunya, Spain
JR	Joanneum Research Forschungsgesellschaft Mbh, Austria
SDU	Syddansk Universitet, Denmark
UJ	Uniwersytet Jagiellonski, Poland
Notus	Notus, Spain
FLACSO	Facultad Latinoamericana De Ciencias Sociales, Argentina
EM	Europa Media Szolgaltato Non Profitkozhasznu Kft, Hungary
Portia	Portia gGmbH, Germany
SRU	Stichting Radboud Universiteit
Fraunhofer	Fraunhofer Gesellschaft zur Forderung der Angewandten Forschung EV, Germany
UH	Universiteit Hasselt, Belgium
ZRC SAZU	Znanstvenoraziskovalni Center Slovenske Akademije Znanosti In Umetnosti, Slovenia
GESIS	GESIS-Leibniz-Institut für Sozialwissenschaften EV, Germany
INNO	Innosystems Symvouleutikes Ypiresies Kai Efarmoges Pliroforikis Ypsilis Technologias Monoprosopi Idiotiki Kefalaiouchiki Etaireia, Greece



Document History			
Version	Date	Summary of changes	Revised by
01	29.06.2024	First draft	Elizabeth Pollitzer
02	21.06.2024	Second draft	Elizabeth Pollitzer
03	05.08.2024	Third draft	Elizabeth Pollitzer



### **Table of Contents**

1	Intro	duction: Aim of SPkg 3	6
2	Part	1: Approaches and criteria for effective communication and dissemination	8
	2.1	Creating a Dissemination Plan	8
	2.2	Communicating for policy impact	8
	2.3	Communicating with the public	9
	2.4	Communicating without gender bias	10
	2.5	Communicating by creating persuasive stories	11
	2.6	Communicating through well-structured content	11
	2.7	Communicating through infographics and images	11
	2.8	Communicating by adapting best practice developed by others	12
3 ac		tional sources of advice on boosting impact through knowledge dissemination, policy ntersectional perspectives, advocacy and networking	.14



### 1 Introduction: Aim of SPkg 3

#### What is impact

Impact is a process of recognising and acting upon opportunities to add value to something so that it becomes more useful, more effective, and more important. Impact is achieved through communication, dissemination and exploitation activities, see the figure below from the <u>guidelines produced by the</u> <u>European Commission</u>.

#### How INSPIRE promotes impact

The INSPIRE project aims to make significant contributions to advancing inclusive gender equality as a deliberate objective in R&I policies, practices and services. As part of this goal, INSPIRE is supporting 12 Communities of Practice (CoPs) in <u>five focus areas</u> with relevant expert advice. Support Package 3 (SPKg3) is designed to help CoPs and their members maximize impact of their activities, conducted during and as part of the INSPIRE project by providing expert 'how to' knowledge to help them design, organise, and conduct communication and dissemination activities in an effective and inclusive way.

#### Helping CoPs create impact

The advice in SPKg3 ranges from defining the communication strategy, creating a realistic plan of action, translating results into interesting narratives, using stories as vehicles for involving the public, produce informative and culturally sensitive visual materials, and generally avoiding bias and stereotypes in the use of language and images, etc. The idea is that CoP members will have the opportunity to explore the content and select examples appropriate to their own purposes, which they can use as learning tools or adapt as needed, assisted, if needed, by INSPIRE experts.

SPKg3 is also designed to help CoP members boost impact of their work by providing expert advice on the practicalities of sharing knowledge, expanding professional networks, participating in advocacy, and engaging with policy because CoP members will also have opportunities to take part in other aspects of INSPIRE's work, e.g. knowledge exchange, dialogue sessions with experts, policy workshops, etc.

#### Content of SPKg3

Many of the sources included in the current version of SPKg3 come from past EU projects, and especially <u>ACT</u> (on creating and supporting CoPs), <u>GenPORT</u> (on gateway to excellent resources on gender in science) and <u>INSPIRE</u> (on inclusive gender equality). However, SPKg3 is a living document in that the recommended resources will be regularly updated, guided by gender experts, and reviewed in the light of the CoPs own experience of using the Package.

#### Organisation of SPKg3

The advice in SPKg3 is organised into two parts. Part 1 provides lists and summaries of essential criteria to follow when thinking about using communication and dissemination activities and materials as tools for creating impact. The featured success conditions stress the need for: 1) a strategic approach, 2) a well-defined and realistic plan of action, 3) an understanding of the target audience, 4) developing interesting and logical narratives, 5) using inclusive language and imagery, etc. Part 2 offers extensive collection of additional practical advice on how to maximise impact through knowledge sharing, networking, advocacy, intersectionality, and policy engagement to help CoP members take advantage of the wider range of the INSPIRE project's activities and pursue other occasions to influence R&I policy, practice and services. The document concludes with practical suggestions on how CoPs can manage (at operational



level) their communication and dissemination activities and fully benefit from SPKg3 during the INSPIRE project, as well as how they can contribute concretely to its improvement.



Source: European Research Executive Agency, <u>Communication, Dissemination & Exploitation what is</u> the differences and why they matter, 16 July 2023



# 2 Part 1: Approaches and criteria for effective communication and dissemination

This part of SPKg3 provides several summaries and lists of expert criteria to help CoP members to identify, plan, organise, execute, and learn about effective communication and dissemination. Most of the examples are context-neutral and, to add value, suggestions are provided on how CoP members could use them to create content rich and context sensitive communication instruments for sharing results of their work.

#### 2.1 Creating a Dissemination Plan

The Library of the Virginia Commonwealth University (VCU) has developed the resource *Create a Research Dissemination Plan*<sup>1</sup>, which includes, at the **links shown in the footnote**, three specific examples of a research dissemination plan, as well as a template with 10 core questions and 20 sub-questions such as these:

- what are the objectives of the dissemination activities?
- what kind of findings/knowledge do you want to disseminate?
- with whom you want to share your knowledge, who are your target audiences?
- what kind of communication channels do these audiences use?
- what are the priority issues of your target audiences?
- what kind of outcomes you hope to achieve?
- what resources you have for dissemination?
- what **methods** do you envisage using?
- what are the potential barriers?
- how will you evaluate the use of your knowledge?
- how will you ensure sustainability of the dissemination actions?
- who is responsible for the execution of the dissemination plan, etc.?

The CoP might consider using this checklist and adapting the VCU templates to devise their own dissemination plan and adapt the examples to their own circumstances and work.

#### 2.2 Communicating for policy impact

The checklist below was produced by DG JRC whose role is to provide research evidence for policy making at EU level. The JRC's resource provides top tips for researchers and research organisations aiming to achieve policy impact, based on their practice at the science-policy interface including <u>10 Tips</u> for Researchers: How to achieve impact on policy.

- Understand policymaking first. What are the policy goals? How are decisions made? Who are the key actors?
- Discuss and define **relevant questions** together with policymakers and stakeholders.
- Think about the policy impact of your research early, already when you design projects.
- Improving the **use of scientific evidence** in a conscious and systematic manner is not an individual task but a collective effort.
- Trust is vital and it is only possible if science and policy work closely together.

<sup>&</sup>lt;sup>1</sup>https://guides.library.vcu.edu/c.php?g=480243&p=6785181; https://guides.library.vcu.edu/dissemination/template; https://guides.library.vcu.edu/ld.php?content\_id=21567001



- **Networking** (online and offline) beyond scientific circles helps you gain **visibility** and start to establish your trustworthiness in **policy circles**.
- **Communicating** to policy makers requires different approaches than to scientists. Being able to tell a **captivating story** that you can back up with facts is sometimes more convincing than yet more facts.
- Policymakers may prefer a concise, **cross-disciplinary synthesis** of the existing knowledge base, instead of the latest piece of research.
- Often your background as well as professional and personal **values** influence the **choices** that guide your research.
- Avoid the temptation to smooth out **uncertainties** and **disagreements** within the knowledge base to try to help policymakers with a clearer message.

CoP members could improve their communication skills by taking part in the e-learning course developed by JRC, https://knowledge4policy.ec.europa.eu/evidence-informed-policy-making/topic/learning-development\_en. This resource aims to help researchers who would like their research results to have greater policy impact but may not have the know-how to communicate effectively with policy makers. The course was designed for early to mid-career researchers however, it is also relevant for project managers and administrators in a research institution (Press Officers, HR).

#### 2.3 Communicating with the public

Horizon 2020 project <u>QUEST</u> produced an essential checklist on why and how to conduct effective communication targeted at public audience. It is the result of several focus groups and interviews with both scientists working in different fields and trainers experienced in science communication. The checklist also draws from the literature review of published studies on scientists' perception and from available guidelines on science communication.



The advice includes the following considerations:

- 1. Are you allocating enough time for preparation and improving your communication skills?
- 2. Do you know who is your audience?
- 3. Have you identified the key messages to deliver and kept the focus on them?
- 4. Are you framing the message so that it sparks curiosity and is compelling to the public?
- 5. Are you **linking to current facts** or events?
- 6. Are you communicating something that you also care about?
- 7. Are you telling stories or just delivering a list of facts or numbers?
- 8. Are you using simple explanations, can it be understood by the public?
- 9. Are you using short sentences?
- 10. Have you strategically planned ways to open a dialogue and interact with your audience?

11. Are you carefully thinking about how to keep your delivery or writing lively and **monitoring the public's reaction**?

- 12. Have you set out strategies for dealing with scepticism or distrust?
- 13. Have you practiced your communication with non-experts?
- 14. Are you in touch with your communication (or press) officers?

An important checkpoint missing in the QUEST list is:

15. Are you using inclusive language that is free of bias and stereotypes?

CoPs can use this checklist to produce communication materials for presentations as part of <u>ESOF</u>, or as guidelines for outreach activities their organisation is supporting.



#### 2.4 Communicating without gender bias

The four examples below have been included in Part 1 to highlight how cultures can influence understandings of gender and gender relations and why gender knowledge provides a necessary analytical tool to identify biased assumptions.

 Use gender-inclusive (verbal and visual) language to prevent gender biases, stereotypes, and assumptions that perpetuate inequality. This subject is looked into in depth in the <u>International</u> <u>Research Networking Project "Language and Gender: Academic Research and Practical</u> <u>Implementation", 2023-24</u>, https://www.qmul.ac.uk/sllf/linguistics/research/gender-inclusivelanguage/research-networking-project/. See the recordings and presentations from Workshop 1 at: <u>https://www.qmul.ac.uk/sllf/linguistics/research/gender-inclusive-language/researchnetworking-project/conferences--events/terminology-conference/
</u>

CoP members can consult the project website to learn what inclusive language means in different cultures.

 Be sensitive to the socio-cultural context of the construction of gender identities in relation to each other and as a function of differences in access to power and resources – and other inequalities. Be also aware that cultural constructions of gender exclude and alienate those who do not fit neatly into the gender categories. Good advice on this topic can be found in Facilitating discussion on gender issues, produced by The Council of Europe, <u>https://www.coe.int/en/web/gender-matters/facilitating-discussion-on-gender-issues</u>

# The CoPs members from countries that are members of the Council of Europe might consider disseminating their work through this channel.

 Be clear on what you mean by "gender" in R&I means being more specific than stating that gender is a socially defined category. In research, the concept 'gender' needs more precise and systematic definition to identify all the relevant aspects when formulating research questions. To exemplify how complex it is to construct gender as a research variable or topic, please read "What is gender anyway: a review of the options for operationalising gender", <u>https://www.tandfonline.com/doi/epdf/10.1080/19419899.2020.1729844?needAccess=true</u>

#### CoP members can also benefit from consulting this resource to appreciate the potential complexity of studying gender in intersectional way.

 Understand the values underpinning public interest by avoiding neutral transfer of information. Science communication usually engages only facts, not values. However, science communication in the service of societal decision making must attend to values as well, e.g. through public participation. The paper on Bringing values and deliberation to science communication provides 10 rules for effective science-public communication, <u>https://www.pnas.org/doi/full/10.1073/pnas.1212740110#t01</u>

# CoP members might consider using this paper to explore why there has been push-back against EDI in some groups in society.



#### 2.5 Communicating by creating persuasive stories

The Narrative Policy Framework (NPF) offers a means to ensure that a story fits with the targeted individuals pre-existing understanding of the world (congruence). This matters in terms of a story's persuasiveness. Understanding the audience and clearly articulating a problem is essential if the narrative is to have the desired impact. To establish congruence, a story must contain language, symbols, causal structures, and other content that the audience recognizes as related to their preferred understanding of the world and themselves. These issues are discussed in *How can we use the 'science of stories' to produce persuasive scientific stories*, https://www.nature.com/articles/s41599-017-0047-7.

## CoP members can use this resource to learn how to become 'storytellers' to help lay people connect with gender issues in R&I

#### 2.6 Communicating through well-structured content

The inverted pyramid structure adopts a narrative where **the most important information (or what might even be considered the conclusion) is presented first**. The who, what, when, where and why appear at the start of a story, followed by supporting details and background information.



For more details check this link https://www.nngroup.com/articles/inverted-pyramid/

- 1. Identify your **key points**. What piece of information is the key fact you want readers to know. What effectively summarizes all the information that will follow?
- 2. Rank **secondary information**. Outline the story details and supporting information, prioritizing the information that is most likely to be of interest to the audience.
- 3. Write well and concisely. Cut out unnecessary information.
- 4. Use straightforward language. Use short paragraphs and bulleted lists.
- 5. The main headline should be descriptive. The story should start with the main point. Each heading or subheading should be descriptive. The first sentence of every paragraph should be the most important. The first words in each sentence should be information-carrying and indicate what content will follow.
- 6. Consider adding a **summary** or list of highlights. Some sites go a step beyond and add a summary or a bulleted list of key points to further emphasize the main takeaways of the content.

The CoP could use the above advice to practice communication skills by, for example producing a blog for the INSPIRE website on advancing inclusive gender equality in their country, or disciplines, or region.

#### 2.7 Communicating through infographics and images

The power of **infographics** is demonstrated in the free training course from Open University. The course helps explore when and how infographics can be useful for communicating about research, providing ex-



amples of some good and bad practices in making and using infographics. The course concludes by introducing some free resources that can help users produce effective infographics and critically evaluate the infographics of others. *The power of infographics in research dissemination* 

# https://www.open.edu/openlearn/education-development/the-power-infographics-research-dis-semination/content-section-0?active-tab=description-tab

Using **images** requires careful considerations what is displayed and how the image can be interpreted by different groups of people. There is also the issue of copyright when using images. There are several sites where it is possible to find images that are free to use, for example <u>**pixa**</u>. <u>**bay.com**</u>, <u>**unsplash.com**</u> or <u>**pexels.com**</u>. It is essential to credit the photographer or creator.

Beware of the cost of **contracting professional designers** to produce good quality communications material. Ideas of the costs can be gained from https://www.theonlinescientist.com/pricing/

- Website in 1 day Euro 1259, ex VAT, one page
- Unique website Euro 3500, starting price
- Impact website Euro 4750 starting price
- Hosting website Europe 80-125 per month
- Social media story Euro 950, starting price
- Infographics Euro 1450-2250
- Animation Euro 2250 5000 (1-2 min)
- E-learning starter Euro 5000-10000 per hour
- E-learning interactive Euro 20000-30000 per hour
- E-learning evidence-based Euro 4000050000 per hour

Although producing professional-quality, tangible, attractive outputs such as policy briefs, flyers, posters, or articles may be beyond the CoPs INSPIRE allocated budget, it may be useful for the CoPs to check https://www.theonlinescientist.com for examples of products in each of the above categories for inspiration and recruit a student to help produce infographics or media stories. Further inspiration can be created from the examples below developed by different institutions.

#### 2.8 Communicating by adapting best practices developed by others

# Inclusive assessment at NWO (Dutch Research Council)(website, videos, infographics, training module) <u>https://www.nwo.nl/en/inclusive-assessment</u>

NWO wanted to optimise its evaluation processes and broaden the often limited image of what a good researcher or a good proposal is. To facilitate this, NWO uses two videos for reviewers and committee members involved in the evaluation process. The videos provide information about implicit bias regarding this ideal image and provide practical suggestions, based on scientific research, to optimise the evaluation process.

# CoP members might explore using these materials to raise awareness and promote best practices in their own organisation or networks.

**Recruiting for excellence** MNF UZH (Faculty of Science, U. Zurich) (website, brochure, video) <u>https://www.mnf.uzh.ch/en/fakultaet/gleichstellung/massnahmen.html</u>

https://youtu.be/KK24Iteoojw

The Faculty of Science at MNF believed that systematic bias against women had important implications for every stage of a woman's scientific education and career. They, therefore, scrutinized the organisation's own recruitment and hiring processes and analysed the impact of new measures to counteract bias in decision making and in institutional procedures which were first implemented in 2015. These measures are explained in **the flyer**, <u>Recruiting for Excellence (PDF, 8 MB)</u> and in **a training video**, <u>Professorial Recruitment and Selection at the MNF</u>.



# CoP members might adapt the flyer examine and improve recruitment and hiring processes in their organisation.

#### Diversity & Gender Equality Aarhus U (podcast series)

https://www.au.dk/podcasts/diversitet

The #DiversityAU podcast series explores key focus areas in Aarhus University's work to promote diversity and gender equality. The second season focused on *AU's action plan for gender equality 2020-2022*. Zooming in on the four focus areas of the action plan - recruitment, career development, leadership and workplace culture - Danish journalist Carsten Ortmann interviews four experts on each of these areas.

## CoP members might consider using these resources to produce similar interviews for their organisation

**Narrative CVs** in research assessment DORA (Declaration on Research Assessment) (position papers for funders)

https://sfdora.org/resource/using-narrative-cvs-process-optimization-and-bias-mitigation/ https://sfdora.org/resource/using-narrative-cvs-identifying-shared-objectives-and-monitoringeffectiveness/

When traditional CVs are reviewed, evaluators interpret a researcher's achievements from lengthy bulleted lists, the formats of which are not consistent between candidates. As a result, individual researchers, as well as organizations, have generally welcomed the move away from these lists of achievements, to describing career trajectories and various contributions in more detail. These types of narrative give control back to the authors by allowing them to provide context for their contributions and achievements.

# CoP members might use these examples to turn their own CV into a narrative CV and have it tested by their peers

**Girls day campaign** VHTO 2024 (Dutch National Expert Organisation) – visual of career steeple chase (in Dutch):

https://www.vhto.nl/nieuws/social-media-campagne-rondom-girls-day-2024/

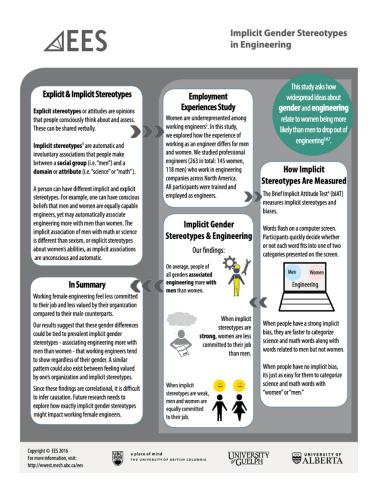
https://www.vhto.nl/wp-content/uploads/2024/04/Girls-Day-2024-Factsheet-gecomprimeerd\_1.pdf

Girls' Day can be an important key experience for girls to choose a technical or IT profession. How girls choose these professions is not well understood. To make that choice self-evident, VHTO used Girls' Day 2024 in their social media 'fix the system, not the girls' campaign to draw attention to the low proportion of women in technical and IT professions and to advocate for the removal of the obstacles girls and women can often encounter on the road to technical jobs.

#### CoP members might use these examples to develop their own campaign using social media

#### **Engendering success** in STEM project, Canada (infographics, white paper collection) <u>https://successinstem.ca/wp-content/uploads/2023/11/BBBB\_Engendering-Success-in-STEM\_White-Papers-Booklet\_Final-Pages-Nov2023.pdf?x91758</u>

The white paper below reveals how implicit gender stereotypes can affect both children and adults in subtle but profound ways. 'Implicit Gender Stereotypes in Engineering' first clarifies the distinction between implicit and explicit gender stereotypes and how each can cloud judgement and hinder equal opportunities for women's advancement in STEM.



CoP members might want to consider using this example of combining language and images in a easy to comprehend way what gender bias and stereotypes mean.

### 3 Additional sources of advice on boosting impact through knowledge dissemination, policy advice, intersectional perspectives, advocacy and networking

The resources listed below have been selected be gender experts to help CoP members 1) share and expand their knowledge on gender in an effective way, 2) translate their results into evidence for policy advice, 3) engage in advocacy and lobbying activities, 4) help improve conceptual and practical understanding of intersectional issues, and 5) building effective professional networks. The content of this table will be updated on a regular basis.



#### **Online resources**



Resource Name	Link to the Resource	Description
Horizon Europe Results Booster	https://www.horizonr esultsbooster.eu/	Support for Knowledge dissemination Service established by the Commission to offer opportunities to access <u>free expert support</u> , aimed to "support projects eager tosteer research towards strong societal impact and concretising the value of Research and Innovation (R&I) activity for societal challenges".
Bias in conducting research: guidelines for young researchers regarding gender differences	https://blog.efpsa.or g/2013/11/30/bias- in-conducting- research-guidelines- for-young- researchers- regarding-gender- differences/	Support for Knowledge dissemination Guidelines and checklist for researchers to promote unprejudiced research by recognising researchers' stereotypes and prejudices about gender that may be unknowingly, but systematically implemented in the research process.
Sager Guidelines and Checklist on sex and gender equity in research	https://ease.org.uk/ wp- content/uploads/202 3/01/EASE-SAGER- Checklist-2022.pdf	Support for Knowledge dissemination SAGER is a comprehensive procedure for reporting of sex and gender information in study design, data analysis, results and interpretations of findings. It is primarily designed to guide authors in preparing their manuscripts but is also useful for editors to integrate assessment of sex and gender in the manuscripts as part of the editorial process
NIHR Guidelines of co- producing a research project	https://www.learning forinvolvement.org.u k/content/resource/n ihr-guidance-on-co- producing-a- research-project/	Support for Knowledge dissemination. This guidance explains what is meant by co-producing a research project. It sets out the key principles and features of co-producing and suggests ways to realise them. It outlines some of the key challenges that will need addressing.
Requirements on inclusion of sex in experimental design	https://www.cancerr esearchuk.org/fundi ng-for- researchers/applyin g-for- funding/policies- that-affect-your-	Support for Knowledge dissemination. Cancer Research UK requires male and female sexes to be used in the design of experiments described in all funding applications to us that involve animals, human and animal tissues, and cells. Examples of the design of in vivo experiments can equally be applied to studies involving cells or tissues.



Resource Name	Link to the Resource	Description
	grant/sex-in- experimental-design	
Toolkit on gender in EU-funded research	https://op.europa.eu /en/publication- detail/- /publication/c17a4e ba-49ab-40f1-bb7b- bb6faaf8dec8	Support for Knowledge dissemination The aim of the Toolkit is to provide the research community with practical guidance on how to integrate gender into research and help researchers to understand the "gender and science" issue and make them more sensitive towards the gender dimension of/in science
Applying Delphi method to explore gender issues in STEM education	https://www.ejmste. com/article/applying -the-delphi-method- with-early-career- researchers-to- explore-a-gender- issues-agenda-in- stem-12508	Support for Knowledge dissemination An application of the Delphi Method, with a broader interpretation of the notion of "expert" as a qualitative tool to explore gender issues in science, technology, engineering, and mathematics (STEM) education. Its aim is to analyse the use of the DM as a technique to achieve agreement among a group of early-career researchers, who are not considered "experts" in the traditional sense.
Participatory Methods Toolkit	https://archive.unu.e du/hq/library/Collecti on/PDF_files/CRIS/ PMT.pdf	Support for Knowledge dissemination A hands-on toolkit for starting up and managing participatory projects. The core of the toolkit consists of 10 in depth fiches with detailed requirements of 10 common participatory methods. In addition, the Toolkit contains a brief overview of almost 40 other methods and techniques.
Columbia University best practice faculty mentoring	https://provost.colu mbia.edu/sites/defa ult/files/content/Men toringBestPractices. pdf	Support for Knowledge dissemination This guide helps academic leaders and faculty members who wish to use mentoring as a strategy to facilitate faculty success. Target constituencies are: schools/departments; faculty who wish to act as mentors; faculty who need or wish for career guidance.
Best Practice for Collecting Gender and Sex data	https://www.fcsm.go v/assets/files/docs/B 1Martinez.pdf	Support for Knowledge dissemination Guidelines from US Bureau of labour statistics for statistical practitioners on how to collect and analyse data on sex and gender.



Resource Name	Link to the Resource	Description
<u>Certified Peer</u> <u>Reviewer Course</u>	https://researcherac ademy.elsevier.com /navigating-peer- review/certified- peer-reviewer- course	Support for Knowledge dissemination A thorough grounding course in the principles and practice of refereeing co-created, developed and in part delivered by editors from across different journals
ACT videos	https://www.act-on- gender.eu/act- videos	Support for Knowledge dissemination 12 videos with gender experts explaining different gender inequality issues in research
ACT interviews with experts	https://www.act-on- gender.eu/act- videos	Support for Knowledge dissemination 13 interviews with gender experts on different sex/gender issues in research
How to create science blog	https://www.theguar dian.com/science/2 014/apr/17/science- blog-wellcome-trust- writing-prize	Support for Knowledge dissemination Detailed guide produced by the Guardian in collaborations with Wellcome on how to set up a science blog
CORDIScovery	https://cordis.europa .eu/videos-podcasts	Support for Knowledge dissemination CORDIS articles, videos and blogs on research results from different projects
Using Social Media in EU funded R&I Projects	https://ec.europa.eu /info/funding- tenders/opportunitie s/docs/2021- 2027/horizon/guidan ce/social-media- guide_he_en.pdf?tr k=article-ssr- frontend-pulse_little- text-block	Support for Knowledge dissemination A booklet of about 20 pages, in English, in which beneficiaries find guidance on how to use social media in Horizon Europe projects. The guide offers brief but precise indications, also warning users of the risks of social media. It also suggests how to maintain an appropriate style, content and tone: limit the number of technical words, publish short, clear and catchy posts, make content available in several languages
Cochrane Checklist and Guidance for disseminating findings from Cochrane Intervention review	https://training.cochr ane.org/sites/trainin g.cochrane.org/files/ public/uploads/Chec klist%20FINAL%20v	Although the aim of the guidance is to improve the quality of dissemination products that present the findings of Cochrane intervention reviews (i.e. reviews of effectiveness), the advice would be also very helpful for other dissemination products that present review findings.



Resource Name	Link to the Resource	Description
	ersion%201.1%20A pril%202020pdf.pdf	
Women leaders role models	https://sciencebusin ess.net/article- list/breaking-glass- ceiling- conversations- women-leaders- academia	Support for Knowledge dissemination, policy 15 women leaders explain their pathways to leadership roles
UKRI EDI strategy	https://www.ukri.org/ who-we- are/mrc/our- policies-and- standards/embeddin g-diversity-in- research-design/	Support for Knowledge dissemination, policy UKRI strategy and standards for embedding EDI values in research design
JRC indicators of inequality	https://composite- indicators.jrc.ec.eur opa.eu/multidimensi onal-inequality	Support for Knowledge dissemination, policy Indicators on multidimensional aspects of inequality developed by JRC
DIMIS Diversity Minimal Item Set	https://www.science direct.com/science/ article/abs/pii/S2352 554123001067	Support for knowledge dissemination, policy, intersectionality Nine diversity domains focused on intersectional approach: gender, age, socioeconomic status, care responsibilities, sexual orientation, ethnicity, religion, disability, mental and physical health, and their intersections.
Organising an inclusive and accessible conference	https://www.facetsjo urnal.com/doi/10.11 39/facets-2020- 0017	Support for knowledge dissemination, networking Help for conference organizers to get started with planning an inclusive conference. Local institutional offices (such as offices of Equity, Diversity, Inclusion, Anti-Racism, etc.) or service providers are likely to provide excellent and comprehensive resources
EU Citizens' engagement approach and methods in R&I foresight	https://op.europa.eu /en/publication- detail/- /publication/d5916d 5f-1562-11ee-806b-	Support for Policy Part of the R&I foresight, policy, and practice Mutual Learning Exercise (MLE), supported by the European Commission's DG Research & Innovation (DG R&I),



Resource Name	Link to the Description Resource	
	01aa75ed71a1/lang uage-en/format- PDF/source- 288573394	focused on approaches and methods for engaging citizens in R&I foresight.
Embracing complexity and uncertainty to create impact: exploring the processes and transformative potential of co- produced research through development of a social impact model	https://health-policy- systems.biomedcen tral.com/articles/10. 1186/s12961-018- 0375-0	Support for Policy Opinion paper with six Canadian and United Kingdom case studies to explore the principles and practice of co- production and illustrate how it can influence interactions between research, policy and practice, and benefit diverse stakeholders
House of Commons Science and Technology Committee: Diversity and inclusion in STEM	https://publications. parliament.uk/pa/cm 5803/cmselect/cmsc tech/95/report.html	Support for Policy Parliamentary inquiry into diversity and inclusion in STEM, to explore the situation for women, people from certain ethnic backgrounds, people with disabilities, those from disadvantaged socio-economic backgrounds and those who declared themselves as being LGBTQ+
EU Supporting and connecting policymaking in the Member States with scientific research	https://horizoneurop e.ie/event/supportin g-and-connecting- policymaking-in-the- member-states- with-scientific- research-launch- event	Support for Policy COMMISSION STAFF WORKING DOCUMENT, Brussels, 25.10.2022 SWD(2022) seeks to promote policy debates and development in the area of a better use of scientific knowledge for policymaking in the Member States. It lays out the rationale for building capacity for science for policy.
<u>NAP Effective</u> <u>Mentoring in STEMM:</u> <u>Practice, Research,</u> and Future Directions	https://nap.nationala cademies.org/catalo g/24815/effective- mentoring-in- stemm-practice- research-and- future-directions- proceedings	<b>Support for Policy</b> Topics across the mentoring field: definitions, theories, practices, perspectives, evidence, research, identity, and reflection, with a particular emphasis on identifying the evidence supporting successful mentoring practices for women and students of colour.



Resource Name	Link to the Resource	Description
APA Equity, Diversity, and Inclusion Toolkit for Journal Editors	https://www.apa.org /pubs/authors/equity -diversity-inclusion- toolkit	Support for Policy This toolkit includes resources, standards, and initiatives available to APA's editors to support and strengthen their journal's equity, diversity, and inclusion (EDI) efforts, with 30 recommendations for how journal editors can promote equity.
Council of Europe: Gender Budgeting practical implementation	https://rm.coe.int/16 80599885	Support for Policy Handbook on how to do gender budgeting
EU Scientific Advice to European Policy	https://op.europa.eu /en-GB/publication- detail/- /publication/5cb9ca 21-0500-11ea-8c1f- 01aa75ed71a1/lang uage-en	Support for Policy Explanation of the scientific advice mechanisms from the Group of Scientific Adviser to the European Commission
EU Ex-post evaluation of Horizon 2020	https://eur- lex.europa.eu/legal- content/EN/TXT/?uri =COM%3A2024%3 A49%3AFIN&% 3Bqid=1706527941 657	Support for Policy Commission Staff working document on the progress and achievements of H2020
JRC Scientific Advice Policy	https://knowledge4p olicy.ec.europa.eu/d ataset/k4p-dataset- 44904_en	Support for Policy Part of a 2-day professional training course material on assessing science, understanding policymaking processes, and gaining insight into the interaction between the different paradigms in which scientists, policymakers, and politicians operate.
Narrative CV Preparation Survey for a workshop (Luxemburg National Research Fund)	https://www.fnr.lu/na rrative-cv-workshop/	<b>Support for Policy</b> Details of a workshop, presentations, a survey, and examples of participatory consultation approach.
Nature guide for mentors	https://www.nature.c om/articles/447791a	Support for Policy



Resource Name	Link to the Description Resource	
		This resource provides a basis for reflection on what comprises good mentoring, presented with examples of quotable quotes and attributes based on the distillation of the opinion of more than 350 scientists writing as nominated mentor or their nominating mentees
Swiss Universities Professorial Recruitment Recommendations and Good Practices	https://www.swissun iversities.ch/fileadmi n/swissuniversities/ Dokumente/Kamme rn/Kammer_UH/Prof essorial_Recruitme nt_Recommendatio ns_and_Good_Prac tices.pdf	Support for Policy Recommendations and good practices on the policy and process levels, to foster critical reflection on professorial hiring among member institutions, to establish standards for the appointment of professors, and, more generally, a culture more sensitive to diversity aspects.
Southampton University EDI staff questions	https://www.southa mpton.ac.uk/diversit y/measuring- edi/monitoring.page	Support for Policy Detailed description of what data are collected and for what purpose I the university
DORA Using Narrative CVs	https://zenodo.org/r ecords/5799414#.Y eM-41IOIPY	Support for Policy Key learnings and recommended actions from a workshop co-sponsored by the San Francisco Declaration on Research Assessment (DORA) and the Funding Organisations for Gender Equality Community of Practice (FORGEN CoP) on the adoption of narrative CVs for funding organizations.
JRC 10 tips for researchers: How to achieve impact on policy	https://knowledge4p olicy.ec.europa.eu/d ataset/k4p-dataset- 44904_en	Support for Policy Part of a 2-day professional training course material on assessing science, understanding policymaking processes, and gaining insight into the interaction between the different paradigms in which scientists, policymakers, and politicians operate.
JRC Informing Policy Exercise Audience Analysis	https://knowledge4p olicy.ec.europa.eu/d ataset/k4p-dataset- 44904_en	<b>Support for Policy</b> Part of a 2-day professional training course material on assessing science, understanding policymaking processes, and gaining insight into the interaction between the different paradigms in which scientists, policymakers, and politicians operate.



Resource Name	Link to the Resource	Description
JRC Informing Policy Exercise Speed Dating w DISC	https://knowledge4p olicy.ec.europa.eu/d ataset/k4p-dataset- 44904_en	Support for Policy Part of a 2-day professional training course material on assessing science, understanding policymaking processes, and gaining insight into the interaction between the different paradigms in which scientists, policymakers, and politicians operate.
APA Equity, Diversity and Inclusion (EDI): Inclusive Language Guidelines	https://www.apa.org /about/apa/equity- diversity- inclusion/language- guidelines	Support for policy and knowledge dissemination Guidelines to raise awareness, guide learning, and support the use of culturally sensitive terms and phrases that centre the voices and perspectives of those who are often marginalized or stereotyped.
<u>Research Impact</u> <u>Canvas</u>	https://www.au.dk/fil eadmin/user_upload /Awareness_THE_R ESEARCH_IMPAC T_CANVAS.pdf	Support for Policy, advocacy/lobbying This tool is a two-page canvas to help the researchers think about their research, stakeholders, ownership of research results, etc. from a research impact perspective, and ultimately about how to impact society with their research.
JRC Monitoring Tool for measuring gender equality	https://composite- indicators.jrc.ec.eur opa.eu/ges-monitor	Support for Policy, advocacy/lobbying The Gender Equality Strategy Monitoring Portal is designed to allow policy makers, researchers, and stakeholders assess progress on the policy objectives of the Gender Equality Strategy, identify strengths and opportunities and follow developments over time.
<u>CESAER best-</u> <u>practices-equality-</u> <u>diversity-and-inclusion</u>	https://www.cesaer. org/content/5- operations/2019/20 190906-best- practices-equality- diversity-and- inclusion.pdf	Support for Policy, knowledge dissemination Best practice examples of EDI actions taken by 23 institutions
Gender bias in academic life-time problem that needs a solution	https://www.science direct.com/science/ article/pii/S0896627 321004177	Support for Policy, advocacy/lobbying Detailed analysis showing that gender bias is not a single problem but manifests as a collection of distinct issues that impact researchers' lives. The report disentangles these facets and proposes concrete



Resource Name	Link to the Resource	Description
		solutions that can be adopted by individuals, academic institutions, and society.
EIB Support for female entrepreneurs. Survey evidence why it makes sense	https://www.eib.org/ en/publications/sup port-for-female- entrepreneurs- survey-evidence- for-why-it-makes- sense	Support for Policy and lobbying Three surveys — the EIB Investment Survey (EIBIS) 2021, the EIBIS Startup and Scaleup Survey 2019 and the EBRD-EIB-World Bank Group Enterprise Survey — show that supporting female-led businesses makes good economic sense, as these companies generate wider economic, social and environmental benefits.
Stockholm University: Implementing a mode for diversity and inclusion	https://www.su.se/p olopoly_fs/1.608203 .1649685623!/menu /standard/file/Gear %20up%20.pdf	Support for advocacy and lobbying PPT format summarising the Gear Up project conducted with Volvo
JRC The Communities of Practice Playbook	https://publications.j rc.ec.europa.eu/rep ository/handle/JRC1 22830	Support for Networking Based on scientific evidence the toolbox helps run and develop communities, networks and any other formal or informal structures that require collaboration and cooperation between various stakeholders who need to work together with a common purpose and vision.
ACM Virtual Conference Guide to Best Practice	https://people.clarks on.edu/~jmatthew/a cm/VirtualConferenc es_GuideToBestPra ctices_CURRENT.p df	Support for Networking, knowledge dissemination, advocacy lobbying Practical introduction to virtual conferences, assembled and curated by members of the Association for Computing Machinery's Presidential Task Force on What Conferences Can Do to Replace Face-to-Face Meetings.
The Communities of Practice Playbook	https://op.europa.eu /webpub/jrc/commu nities-of-practice- playbook/en/index.h tml	Networking, knowledge dissemination Methodology to assist organisations in developing communities, networks and other formal or informal structures that require collaboration and cooperation between various stakeholders who need to work together with a common purpose and vision.
GENERA Network	https://www.genera- network.eu/	Support for Networking, knowledge dissemination



Resource Name	Link to the Resource	Description
		Roadmap, toolbox and top gender equality measures for implementing GEPS (in physics institutions)
<u>A quick guide to</u> networking for scientists	https://www.science direct.com/science/ article/abs/pii/S0165 614723002377	Support for Networking Describes different forms of networking
Effective Research Networking Tips for Researchers	https://researcher.lif e/blog/article/7- effective- networking-tips-for- researchers/	Support for Networking Describes different forms of networking for researchers
Researcher Academy	https://researcherac ademy.elsevier.com /	Support for Networking Researcher Academy provides free access to countless e-learning resources designed to support researchers on every step of their research journey.
The Intersectionality Toolbox: A Resource for Teaching and Applying an Intersectional Lens in Public Health	https://www.frontiers in.org/journals/publi c- health/articles/10.33 89/fpubh.2021.7723 01/full	Support for Intersectional analysis A framework developed from a variety of interdisciplinary resources designed to apply an intersectional perspective to public health issues. This article describes the Intersectionality Toolbox and details how it can be utilized in public health classes.
<u>An Intersectionality-</u> <u>Based Policy Analysis</u> <u>Framework</u>	https://pubmed.ncbi. nlm.nih.gov/254923 85/	Support for Intersectional analysis Specified the variety of factors that influence and shape health to promote equity, sustainability and healthy public policy; improve the quality of decision-making; promote social and environmental justice; encourage public participation in public policy.
Gendered Innovations: intersectional approaches	https://genderedinn ovations.stanford.ed u/methods/intersect. html	Support for Intersectional analysis Explains how to ensure that study design has included analysis of intersections between gender and other human characteristics
Beyond sex and. gender: intersectional	https://www.qmul.ac .uk/gpi/media/global -policy- institute/Policy-brief-	Support for Intersectional analysis



Resource Name	Link to the Resource	Description
view of Covid pandemic	COVID-19-and- intersectionality.pdf	Shows eight categories of factors that played a role together with with sex and gender on the impact of COVID and diversities in outcomes

#### On-demand resources/expert advice

#### Examples

Resource type	Estimated hours needed	Description in relation to SPkg3 aim
Expert gender advice on turning facts into stories	5 hours	Facilitating dialogue between CoP members, Press Officers from their institutions create a template for a Press Briefing,
Change Catalyst on policy impact	5 Hours	Identifying Target policy audience and producing messages tailored to their interests
Technical communication advisor on infographics and social media	10 hours	Creating an infographic and social media messages
Desktop researcher	5 hours	Mapping the target audience with the help of INSPIRE Stakeholder Database

#### **INSPIRE Resources**

INSPIRE resource name	What it includes?	Description in relation to SPKg3 aim
Stakeholder Database	Details of organisations and persons	Database to map experts + stakeholders including type of organisation (RFO/RPO etc) and people (national/ thematic experts, practitioners, policymakers etc).
Visions of intersecting equality in R&I	Workshop design and activities	Report documenting the outcomes of the foresight workshop held with research funders and key policy stakeholders – to reimagine an inclusive gender equality future in R&I.



INSPIRE resource name	What it includes?	Description in relation to SPKg3 aim
		Includes roadmap to detail INSPIRE's role in realising this vision
Participatory policy consultations	Workshop design and results of participatory discussion	Policy brief - including recommendations on how to achieve the INSPIRE intersecting equality vision in R&I.
Report on barriers and drivers for effective EDI policies	Case studies	Report details main case study findings - including those barriers and facilitating factors of effective intersectional EDI policies.

#### Other resources

#### Examples

Resource type	What it includes?	Description in relation to SPkg3 aims
Change Catalysts	Contracted hours for the preparation, coor- dination and periodic evaluations of the CoP	<ul> <li>Identification and selection of participating stakeholders.</li> <li>Elaboration of the dissemination plan, selection of target stakeholders, and of information to be shared.</li> <li>Preparation, coordination, and registration of each meeting.</li> <li>Dissemination of resources provided by the participants.</li> <li>Coordinate and facilitate CoP development.</li> <li>Plan and oversee progress of CoP activities.</li> <li>Elaboration of the materials on the characteristics, objectives, and expected results of the CoP.</li> </ul>



Expert advice	Contracted hours of mentors and experts	Provide support and input to CoPs through their specific and in-depth knowledge of Gender Equal- ity, Diversity, Inclusion, and Intersectionality ac- cording to the context (workshop/ seminar). Assist in the intersectional analysis (mentoring, consultancy, training). Communication expert with understanding of vis- ual tools
Travel and accommo- dation	Travel and accommo- dation costs of ex- perts and CoP mem- bers for different oc- casions like periodic meetings, workshops, seminars.	Costs related to organization of and attendance to meetings/ workshops/ seminars.
In-person workshop	Hiring the room, providing refresh- ments	Costs related to hosting the event

### Examples of estimated costs for the SPKg3

Resource type	What it includes	Description in relation to SPKg3 aim
Kick off meeting	Venue and travel.	Establishing strategic focus for dissemination and communication activities: who is the audience, what are their information needs, how to engage them, which channels and what content to use etc.
Engaging experts on gender, policy, and communication	Contracted hours	Creating templates and content for communication and dissemination activities, e.g. white paper, blogs, Press Release, Policy Brief Checking content and language to identify possible bias or stereotypes in the media used, e.g., in bogs, infographic white papers etc
Engaging technical support for visual and social media communication	Contracted hours	Selecting visual representations and creating story lines for online communication



Engaging dissemination partner(s)	on-line	Creating dissemination network to co-create content for Newsletters or web blogs promoting inclusive gender equality
Engaging CoP experts and Change Catalysts	on-line	Overseeing how SPKg3 is utilised and managed and provide recommendations for improvement.

#### Defined outcomes of the SPKg3

- Improved understanding and skills on how to use dissemination and communication to achieve impact
- New, innovative materials for communication designed
- Enhanced networking opportunities explored to identify dissemination partners
- CoP members are familiar with dissemination and communication best practices
- CoP members gain experience of creating targeted dissemination and communication plans and messages
- CoP members gain experience of tailoring communication messages to the interests of specific audiences
- CoP members gain improved understanding of how to target dissemination at policy frameworks
- CoP members provided useful feedback on the content and usefulness of SPKg3 as well as recommendations for improvement
- Other

SPKg3 can also be used to make specific and practical contributions to enhance the impact of INSPIRE as a project. These contributions may be related to one or more of the outcomes listed below:

- Expanded experience of using gender knowledge in research and innovation institutional practices
- Understanding contextual barriers and enablers to advancing inclusive gender equality
- Recommendations for training/learning on implementing EDI policies
- Experience of engaging stakeholders in promoting inclusive gender sensitive innovation policy
- Building INSPIRE network of stakeholders with shared interests and agendas.
- Identifying emerging topics and needs for advancing inclusive gender equality
- Experience of and building fresh communication channels with policy makers.
- Identifying, involving, and promoting national and domain experts
- Identifying gender and context sensitive 'success' stories of gender equality best practice
- Promoting INSPIRE as the port of call for expertise on inclusive GE in R&I
- Showcasing INSPIRE's resources, value potential, and accomplishments.
- Contribution to achieving the mission of INSPIRE as centre of excellence
- Contribution to sustainability of the INSPIRE's mission
- Development of skills for innovative dissemination approaches
- Adding to dissemination resources to the INSPIRE's deliverables
- Experience of networking/lobbying/advocacy activities to promote inclusive gender equality best practice
- Strengthening the use of CoPs as knowledge producing, disseminating, and lobbying actors
- Other



#### Eligibility criteria for CoPs

The criteria for granting SPKg3 are:

- 1. There is a strategic focus in the communication and dissemination plan on promoting inclusive gender equality in R&I that fits in with the mission of INSPIRE.
- 2. The communication and dissemination activities are part of the overall work plan of the CoP.
- 3. There is a clear vision in regards to: Who are the target stakeholders? Why have these stakeholders been prioritised? What are the expected outcomes for the CoP and the stakeholders?
- 4. There is a plan on what methods will be used for the dissemination activities e.g., workshops, webinars, blogs, etc.
- 5. The CoP will be able to identify and engage relevant experts familiar with communication and dissemination methods.
- 6. CoP members have agreed on how to use SPKg3.



### Disclaimer



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101058537.



The work contained in this document is subjected to a Creative Commons license (<u>https://creativecommons.org/licenses/by-nc-sa/4.0/</u>).

Please visit <u>https://www.inspirequality.eu</u>