

**Interreg
Europe**



European Union | European Regional Development Fund

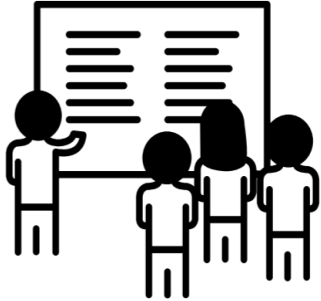
Open, Social, and Responsible Innovation

Thematic workshop

27 November 2019 | Brussels



Agenda



Morning Sessions (9:15 – 13:00)

- Welcome from Interreg Europe
 - **Etienne Verhelle** – Policy Officer – Interreg Europe
- Introduction
- Let's get to know each other
- Moderated Panel Discussion
 - **Wim de Kinderen** – ENOLL – **Open Innovation**
 - **Riina Pulkkinen** – SITRA – **Social Innovation**
 - **Alexander Gerber** – Rhine-Waal University – **Responsible Innovation**
- Project Methodologies
 - **Francesca Gleria** – OSIRIS – **Open Innovation**
 - **Jorge Prado Casal** – TITTAN – **Social Innovation**
 - **Tiina Ramstedt-Sten** – MARIE – **Responsible Innovation**



Agenda

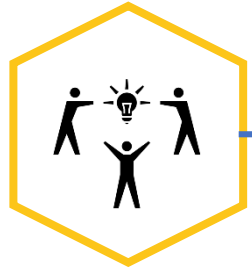


Afternoon Sessions (14:00 – 17:00)

- Challenges and ways ahead in
 - Open, Social, and Responsible Innovation
- Open, Social, and Responsible Tools
 - **Thorsten Kohlisch** – Open and Social Innovation
 - **Arnault Morisson** – Responsible Innovation
- Reporting Back
- Concluding Remarks



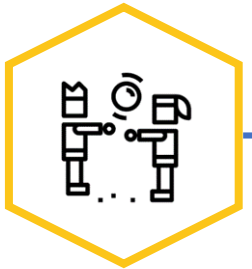
Interreg Europe projects in Open, Social, and Responsible Innovation



5 Open Innovation



6 Social Innovation

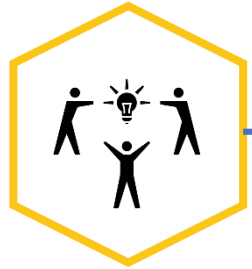


1 Responsible Research and Innovation

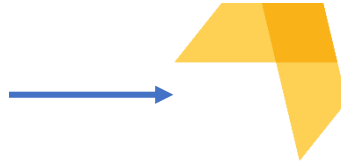
67 Good Practices

11 Interreg Europe Projects

Interreg Europe projects in Open, Social, and Responsible Innovation



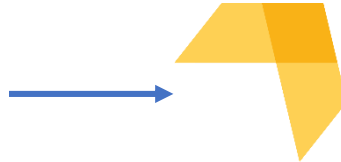
**Open
Innovation**



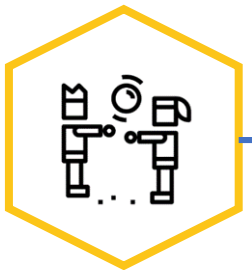
**OSIRIS; ERUDITE; BETTER; URBAN M;
CARPE DIGEM**



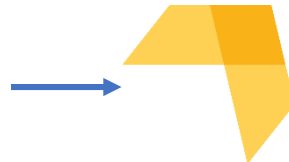
**Social
Innovation**



**DIALOG; PASSPARTOOL; TITTAN;
ECORIS3; CREADIS3; HOCARE**

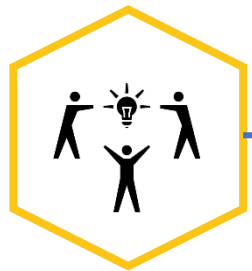


**Responsible
Research and
Innovation**

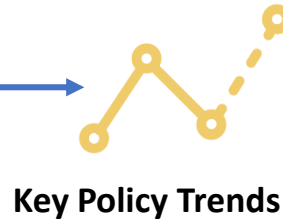


MARIE

Key policy trends in Open, Social, and Responsible Innovation



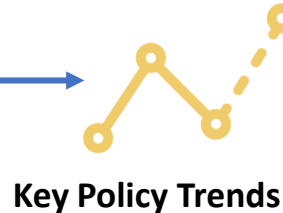
Open Innovation



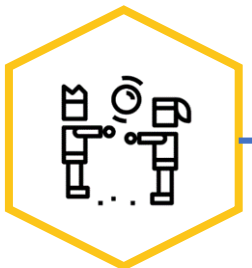
- Pooling skills and resources across 'institutional borders'
- Living labs
- Open innovation platforms
- Cross-regions and cross-sector living labs



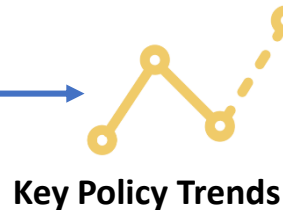
Social Innovation



- Innovation built on social consensus
- Telehealth/Telemedicine
- Co-creation with the civil society
- Empowering the civil society



Responsible Research and Innovation



- Ethical guidelines
- Network for responsible SMEs



About this workshop

- Research and innovation are associated with the process of **'creative destruction'** that can lead to **social instabilities** (unemployment, poverty, social exclusion) and **global challenges** (climate change, energy efficiency, pollution). As a result, **modern economic growth must go together with societal progress.**
- Open, social, and responsible innovation aim to address some common issues that regions face when implementing research and innovation strategies such as:
 - focusing on **user- and purpose-driven innovation,**
 - involving the **civil society in the innovation process,**
 - and promoting desirable **societal impact.**



Open Innovation



- Chesbrough (2006) introduces the concept of **open innovation** as a paradigm that acknowledges the importance of **inflows and outflows of ideas and tacit knowledge in the innovation process.**
- Van Hippel (1986) emphasises the importance of **user-driven innovation to involve lead users directly in the product/policy creation process.**
- Creative and sociological perspective to improve the results of innovation efforts through opening up to **user-driven innovation, co-design, and co-creation.**



Open Innovation – The Policy Learning Platform Can Help



Good practices

The Interreg Europe Policy Learning Platform provides feedback on good practices related to open innovation. Check up our [good practices database](#).

Good practice:

The Open Innovation Platform of Lombardy Region

Expert opinion

Arnault Morisson

Regional policymakers are increasingly developing Open Innovation Platforms (OIPs) to promote open and inclusive innovation. The OIP of the Lombardy region encourages interactions among quadruple helix stakeholders to co-create and drive regional structural changes. The OIP also aims to improve the smart specialisation strategy (S3) through supporting the launch, implementation, and communication of research and innovation projects.

Some insights from the good practice:

-Open innovation platforms require facilitators to manage and dynamize interactions.

- Open innovation platforms are most successful if they are combined/integrated with other regional interactive initiatives such as competitions, awards, call for projects, pre-commercial procurement calls... The OIP is part of the “Lombardy is research” initiative, which awards every year a prize for the best innovative project.



Project	TITAN
Main institution	Fondazione Regionale per la Ricerca Biomedica
Location	Lombardia, Italy (Italia)
Start Date	January 2013
End Date	Ongoing

[Further information](#)



Social Innovation



- Social innovation brings together **user-driven innovation** methods and includes in their delivery civil society actors.
- Social innovation is fundamentally about addressing social needs, **empowering the civil society** to have the tools to participate in the research and innovation process, **not to be spectator but actor**.
- Social innovation highlights the importance of:
 - The involvement of different stakeholders, and in particular the civil society.
 - **a societal impact and social consensus** on the outcomes of the innovation process.



Social Innovation – The Policy Learning Platform Can Help



Our call for hosting a [Peer Review](#) is open. The Interreg Europe Policy Learning Platform encourages you to submit a application to tackle one of your policy challenges related to open, social, or responsible innovation.

Some tips to make your application successful:

- ✓ Tell us about your **institutional context** and why this policy is challenging.
- ✓ **Clearly state your policy challenge** that you want to tackle.
- ✓ Tell us **why and how** you think **interregional learning** can benefit your region.
- ✓ **Relax...** the Policy Learning Platform is here to help you.



Responsible Innovation



- **Responsible Research and Innovation (RRI)** is a 'cross-cutting issue' in Horizon 2020 as a way to respond to **moral and ethical scientific issues**.
- RRI is 'a transparent, interactive process by which societal actors and innovators become **mutually responsive** to each other with a view on the **(ethical) acceptability, sustainability and societal desirability** of the innovation process and its marketable products' (Von Schomberg, 2011).



Responsible Innovation – The Policy Learning Platform Can Help



Knowledge hub

The Interreg Europe Policy Learning Platform has published a story on **‘when responsible innovation meets smart specialisation strategies’** and a Policy Brief on **‘Industry 4.0’** featuring responsible innovation.

12/10/2019 Policy Learning Platform

When responsible innovation meets the smart specialisation strategies



02/09/2019

Industry 4.0

This policy brief features six policy recommendations to support the development of industry 4.0

Tags: [policy-brief](#), ...

Visit our knowledge hub [here](#)



**Research
and innovation**

5 minutes to get to know each other!



Open, Social, and Responsible Innovation: state of the art



Open, Social, and Responsible Innovation: what is happening on the ground



**Research
and innovation**

Challenges and Ways Ahead



**Research
and innovation**

Open, Social, and Responsible Tools



Open and Social Tools



- The open tools aim to involve the quadruple helix stakeholders in the innovation process with a focus on **users and actors from other sectors/regions**.
 - Tools such as living labs, open platforms, data-driven platforms, e-government...
- The social tools aim to empower quadruple helix stakeholders in particular civil society.
 - Tools such as co-creation processes, social inclusion in research and innovation activities, quadruple helix for social transformation...



Open Tools



- The rise of **open innovation platforms**:
 - Lombardy (Italy)
 - Tampere (Finland)

Regione Lombardia **Open Innovation**

PREMIO LOMBARDIA È RICERCA

VIDEO Scotti: "Il mio anno da ambasciatore della ricerca di Regione"

di Redazione Open Innovation | 18 novembre 2019

VIDEO Scotti: VIDEO VIDEO Sale: *Giornata

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Meet & Develop

Here are the ongoing and upcoming co-creation projects aiming to make the Tampere Region even smarter. In this tool, we share the needs of cities and municipalities and invite new solutions to create better services and new business opportunities for the companies. Speak up and have your say in the future smart city solutions!

Look for projects, acquisitions... **Find**

[Ideas & needs](#) [Development & testing](#) [Procurement](#) [Ended](#)



Social Tools



- Educational programs to empower the civil society to participate into the innovation process.
 - Basque Country (Spain)

Donostia Innovation Campus



DONOSTIA
INNOVATION
CAMPUS



Responsible Tools



- The responsible tools aim to deliver **desirable societal outcomes.**
- Tools such as ethical guidelines, responsible networks of SMEs, foresight exercises, participatory processes, gender issues, mapping of regional societal challenges, open access, impact assessment...



Responsible Tools



- Ethical guidelines to manage responsible innovation processes. It is a voluntary standard, open for consultation.

DRAFT FOR PUBLIC COMMENT

UNI/PdR 27:2017

Guidelines for the management and development of responsible innovation processes

This draft standard sets out all useful criteria so that the organisations may carry out the innovation process in a responsible manner, i.e. aimed at the improvement of the quality of life, according to the interested parties' expectations, and at the same time be environmentally, socially and economically sustainable.



Responsible Tools



- Responsible approach to Smart Specialisation (S3)
 - Importance of foresight exercises
 - Identify regional grand challenges
 - Identify and engage with quadruple helix stakeholders
 - Allow for criticisms

Table 1.

A responsible approach to smart specialisation

Anticipation	Inclusion	Reflexivity	Responsiveness
RIS3 predicated on anticipating effect of innovations on regional competitiveness—also need to consider effects on social and environmental outcomes	Entrepreneurial discovery process needs to include wide range of stakeholders, not just entrepreneurs in the narrow sense	Smart specialisation strategy needs to reflect on the strategy's impact on other regions, the environment and different groups of citizens in the region	Smart specialisation strategy must be responsive to criticism by all affected, for example, citizens in the region and stakeholders beyond the region
Entrepreneurial discovery of solutions to grand societal challenges	Ensure representation of citizens in the process		



**Research
and innovation**

Concluding Remarks





Sign up to our policy digest!

The latest policy recommendations and updates on the topic of your choice – right to your inbox!

<https://mailchi.mp/policylearning/policy-learning-platform-is-launching-the-policy-digest>



Thank you!



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*Thematic Experts
Policy Learning Platform
Research and Innovation*

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Your feedback means a lot!

Please give us 5' of your time to help us improve:

<https://www.surveymonkey.co.uk/r/OSRIInnovation>

