



**Interreg
Europe**



European Union | European Regional Development Fund



Policy learning event on research & innovation and SME competitiveness

19 October 2017, Milan, Italy

[#PolicyLearning](#) [#ResearchInnovation](#)

A monarch butterfly with vibrant orange and black wings is perched on a light-colored rock. The background is a soft-focus image of several people's faces, suggesting a social or collaborative environment. The text is overlaid on this background.

**We change through
exchange**

Breakout session: Policy instruments explained
How to find common objectives and
remove obstacles to facilitate use of R&D
results.

Team C : The More the Merrier: looking at the way
open innovation methods can help clusters and large
companies address this issue



Research & innovation

Partners in this topic can work on:

1. Strengthening research and innovation infrastructure and capacities.
2. Innovation delivery through regional innovation chains in the chosen 'smart specialisation' field.

e.g.

- *improving financial instruments for innovation support*
- *increasing commercialisation of R&D results*

A photograph of a person's head and shoulders in profile, looking down at a document. The scene is dimly lit, with a strong light source from the right, creating a silhouette effect. In the background, a microscope is visible on a table.

We serve you

**We change through
exchange**



40

A monarch butterfly with vibrant orange and black wings is perched on a piece of weathered wood. The background is a soft-focus image of a person's face, looking towards the camera. The overall scene is set against a light, airy background.

Projects (1st and 2nd call)

- RIS Oriented
- Cluster Based
- Sectoral focus (Bio-economy, Advanced Materials, Eco-innovation, food, chemicals, textile, ..)
- Challenge based

More from the 3rd call (under evaluation)

Introduction : Knowing each other

- Session overview (5 steps)
 - Knowing each other

Scene Setting : Open Innovation & Clusters linked to Challenge

- **Open Innovation : definitions**
 - **Open innovation and clusters**

Open Innovation (OI) : Definition



Prof. Chesbrough's more recent definition is:

“Open innovation is the use of purposive inflows and outflows of knowledge to accelerate internal innovation, and expand the markets for external use of innovation, respectively. [This paradigm] assumes that firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as they look to advance their technology.”

Key messages : ability to access RDI from outside, harness ideas, allow others to profit from IP, multiplying the pathways to market ...

Cluster Organisation : Definition



Michael Porter and European Cluster Collaboration Platform:

“a cluster is a geographically proximate group of interconnected companies and associated institutions in a particular field, linked by commonalities and complementarities “

ECCP adds notion of the organisational structure and animation focus around a common value chain...

Clusters as a notion of a third party “tertius iungens” as described by Huang Rice, that facilitates open innovation processes and knowledge transfer in a sustained fashion, with a high degree of reciprocity and limited or low transactional costs

Cluster- OI interactions



Major OI conference forum Cluj Open Innovation 2.0 promoted by DG Connect

Active participation by CLUSTERIX 2.0 TO1 IR-E Partner

And OISPG Open Innovation Strategic Policy Group : web site and publications : Open Innovation Yearbook 2016

Cluster- OI interactions



OI-Business clusters around thematic priorities emerging as drivers of innovation ...

Future of housing : Carrefour, Kingfisher Group, Poste, Orange, Groupe SEB, Legrand helped by University Professors etc

OI Working method that seeks to develop and share innovative solutions for their common clients/consumers ...

Notions of co-creation and collaboration and experimentation....

Cluster- Pole Safe France



Cluster SAFE focuses on security and defence thematic area with high degree of RDI investment, notably from large companies

Manage regional OI club in Provence Alpes Cote d'Azur Region MoU signed 3/2/2017

Most recent OI Club meeting brought together pre-selected 8 large companies (Airbus, Thales etc) with 13 technology driven SMEs and other cross sectoral clusters

Resulted in intensive matchmaking sessions (77) and pipeline of project opportunities

Lesson : OI process is structured, less serendipity and requires clusters to play an active role in knowledge transfer ecosystems....

Interreg Europe T01 project examples



Clear use and focus on open innovation tools and working methods:
ISLANDS OF INNOVATION; OSIRIS; MARIE; NICHE; ERUDITE, P-IRIS

Clear use and focus on cluster organisations as enablers:
CLUSTERIX 2.0, CLUSTERFY, CLUSTRIS3, RUMORE, STRING ...

Communities that can learn from each other

Team work – reflect in groups (20 min)

- What is/was **done** in your region to address the “challenge”;
 - The major barrier you have **overcome** (most critical one);
 - The three major barriers **still to be** overcome;
 - Your **contribution** to lower/mitigate barriers/challenges;
 - What you will **need** from others.
-
- REMINDER OF THE CHALLENGE : How to find common objectives and remove obstacles to facilitate use of R&D results (using OI , working with clusters ... large companies..)

Share reflections (15 min) : report back...

- Have you learned from **mistakes**;
- Have you been **inspired**;
- Have you inspired **other** regions;
- What was worth highlighting.

The experience within the IR-E community

- **CLUSTERIX 2.0** - Mrs. Rolanda Predescu, General Directorate RDI Policies and Programmes, Ministry of Research and Innovation, Romania s
- **CLIPPER** - Ariane LECERF Pays de Loire Regional Council (France)
- **P-IRIS** - Lars Hustveit Sogn og Fjordane County Municipality, Norway
- **ESSPO** - Elżbieta Książek Adam Mickiewicz University Foundation, Poland

Discussing experiences and collecting feedback

- 
- Which **type** of **synergy** is in your view more effective to enhance R&D+I activities?
 - Which were the **motivations** for the **managing authorities** to introduce the practice instrument?
 - What is the **link** with the **S3**?
 - Issues and needs from the PLP ...

Learning from the latest trends and practices (afternoon session)

- **Open Innovation in Lombardy - Angelo GATTO Finlombardia**
- **Vanguard Open Innovation experiences - Alison Hunter Economic and Public Policy Consultancy (EPPC)**

Fishing the net (60 min) (afternoon session)



Let's discuss

- **Topics** to be further developed with webinars;
- **Actions** to be agreed with discussion hours;
- **Practices/measures** to be deepened with peer review;
- **Instruments** to be benchmarked;
- **Topics** to be tackled during the B2B event;
- New Topics suggested;
- Selected **priorities** for the next 3-6 months.



Who we are

The Research & Innovation platform team



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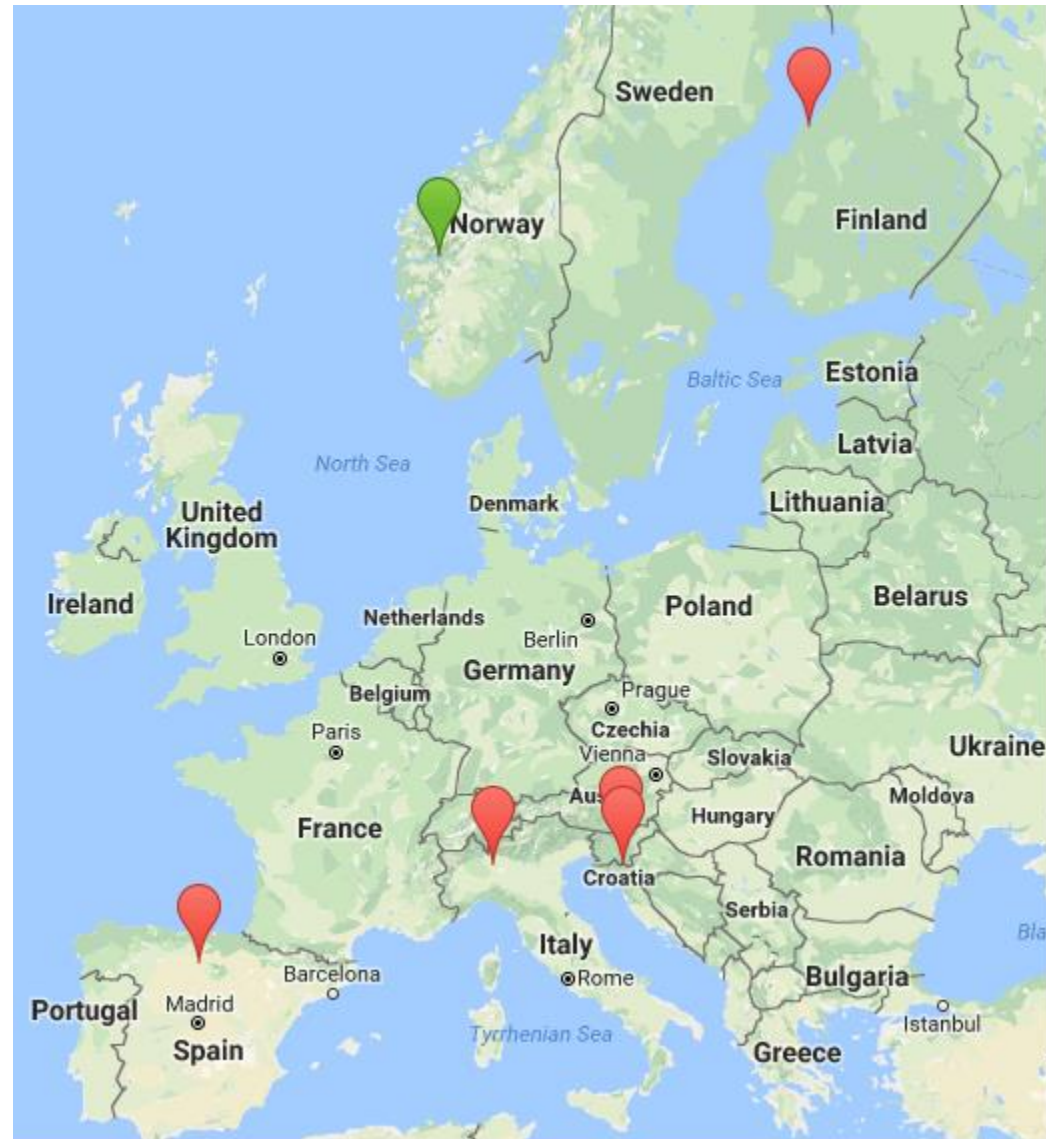
P-IRIS

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Lead partner: Lars Hustveit – lars.hustveit@sfj.no

19. October, 2017 | Policy Learning Platform - MILANO

Policies to **I**mprove
Rural **I**nnovation
Systems by
professionalising
networking
activities and use
of innovation tools



Common vision

Attractive jobs for well educated and creative youth

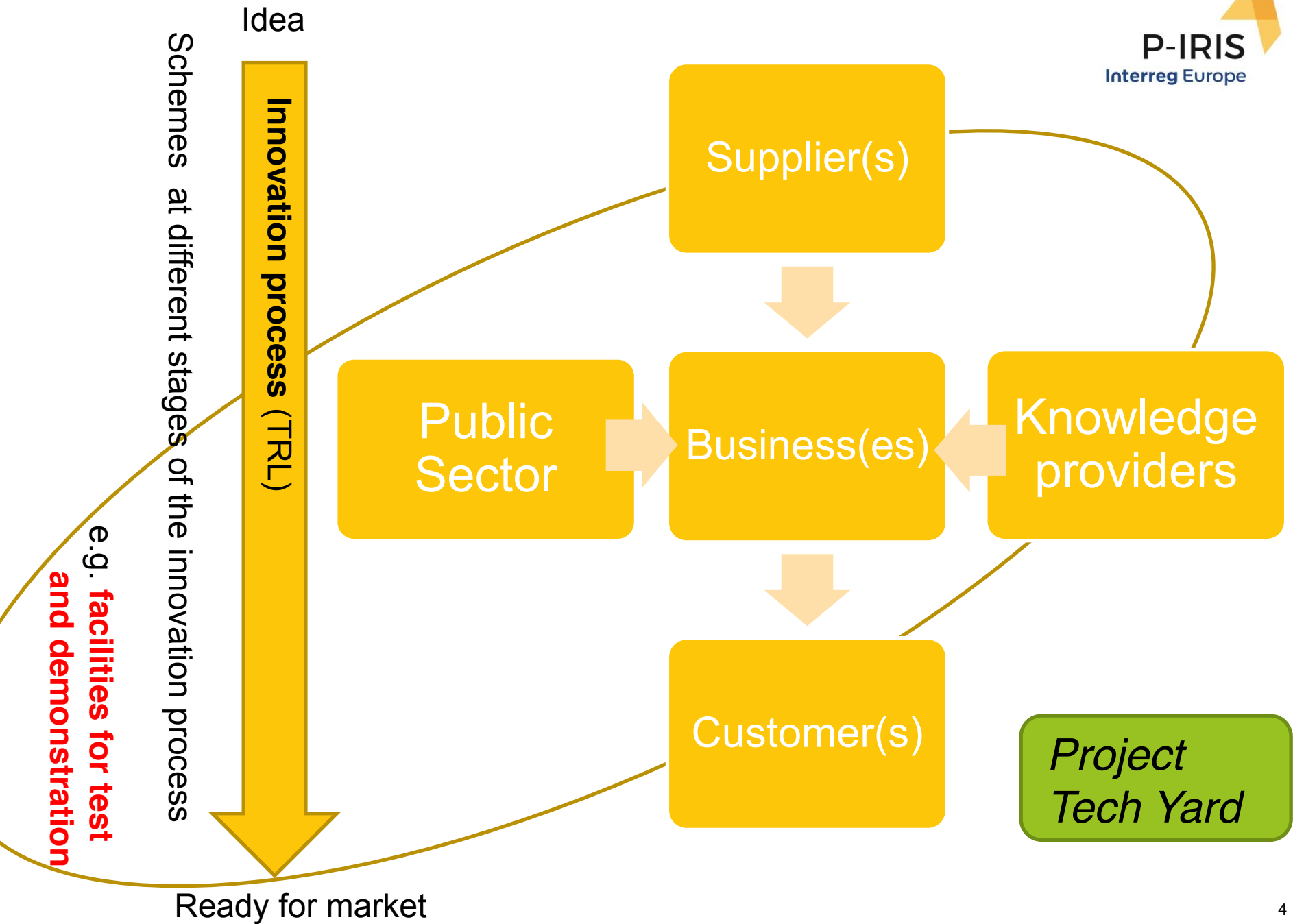
Context

Rural & deversified economies

- Incomplete systems / Distance between actors
- More active role of public sector

Problems to solve

- Increase innovation
- A more efficient environment for knowledge sharing
- Better practices and skills in rural innovation-network management





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Thank you!

Questions welcome



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**CLUSTERIX 2.0
GOOD PRACTICES FOR POLICY LEARNING
GIVE GOOD RESULTS**

THE NEW CLUSTER FINANCING INSTRUMENT IN ROMANIA

Rolanda Predescu, Ministry of Research and Innovation - Romania
19 of October, 2017 | Milan

rolanda.predescu@research.gov.ro, www.research.gov.ro

Romanian RDI System – brief overview

RDI System

- 101 accredited universities: 56 public; 45 private/ [Ministry of Education](#)
- 48 national R&D institutes (technological research)/ [Ministry of Research and Innovation](#)
- 65 research institutes and centres/ the [Romanian Academy](#)
- (mostly socio-econ&humanistic)
- ~ 1.000 private companies performing R&D (MRI statistics)
- ReNITT- the network for technology transfer and innovation (regional level distribution): 50 specific organizations (technology info&transfer centres, technology and business incubators)

RDI Governance Framework

- ***Ministry of Research and Innovation - MCI***
 - *4 Advisory Bodies:*
 - Advisory Council for RDI
 - National Council for Scientific Research
 - National Committee for Research Infrastructures
 - National Council for Technology Transfer and Innovation
 - *3 Programmes Implementation Agencies:*
 - Executive Unit for Financing R&D and Higher Education -UEFISCDI
 - Romanian Space Agency - ROSA
 - Institute of Atomic Physics - IFA

➤ Smart specialisation RDI domains:

- *Bioeconomy*
- *ICTs, Security and Space*
- *Energy, Environment and Climate Change*
- *Eco-Nano-Technologies and Advanced Materials*

➤ *Competitiveness oriented objectives*

- ▲ Increase economic competitiveness through innovation
- ▲ *Stimulate private sector initiatives for developing and commercialising R&D results*
 - ▶ Challenge: develop adequate instruments to support the **organization and development of innovative clusters**
 - **National RDI Plan/ Programme 2 (national budget)**
 - **OP Competitiveness/ Axis 1: RDI (structural funds)**

CLUSTERO – Clusters Association of Romania (www.clustero.eu)

➤ **42 clusters:**

36 clusters have ESCA label

/ European Secretariat for Cluster Analysis (www.esca.eu)/

- 9 silver labels (2nd rank, after Germany)

- 27 bronze labels (3rd rank, after Germany and Spain)

➤ **Major domains:**

▪ **Traditional sectors:**

agri-food industry, furniture, textiles

▪ **Hightech-driven sectors:**

automotives, materials, electronics, mechatronics

Lessons learnt from the CLUSTERIX 2.0 Project

Good policy practices of the Clusterix 2.0 Project

- **Leader: The Business Agency of Lower Austria- Ecoplus**
- **Participants: 8 countries, 16 regions**
- **the improvement of regional innovation policies through better use of clusters:**
 - the development of New Models of Innovation for Strategic Cluster Partnerships**
- **Romania representation : National R&D Institute for Machines and Installation designed to Agriculture and Food Industry - Enterprise Europe Network member**

Recommendations for Romania

- ▶ Stimulate the **development of regional innovation ecosystems**

Cross-Clustering and new innovation models through clusters	From the idea towards its implementation	Lower Austria: How cluster managers help SME to turn the "right idea" into practice
	New innovation support services	Auvergne: Innovation services through Nutrivita
	Cross-Clustering: From single towards a strategic approach	Hamburg's Cluster Bridges
Design of cluster support schemes	The integrated approach	Denmark – Funding and coaching / training of cluster organisations towards cluster management excellence
	Tailor-made support schemes according to cluster potential	Flanders – Two league cluster support schemes

Clusters Financing in the RO National RDI Plan 2015-2020

Synergy with CLUSTERIX 2.0 good practices

- **Smaller scale “bridge” cluster scheme**
- **Objective:** strengthen **clusters RDI capacity and management**
- **National Funds: National RDI Plan III – 2015-2020**
 - Programme 2: RDI to support economic competitiveness: increase of productivity in enterprises
 - Project type: „Cluster Organization and Development – Innovative Cluster”
- **Beneficiaries: Cluster organizations**
- **Smart specialization priorities addressed**
- **Project Activities:**
 - ❑ Develop the Strategic R&D agenda specific to the cluster:
 - products/ technologies/ services to innovate by cluster R&D effort
 - R&D objectives for the above categories
 - ❑ Develop the Implementation plan associated to the agenda (set of projects portfolios, with clearly assumed responsibilities for the achievement)
 - ❑ Develop Strategies for market expansion (domestic&foreign), for the above categories
- **ESCA Bronze label as one of minimum eligibility criteria**
- **3 clusters per region financed, for 8 Romanian regions (without Bucharest),**
- **~ 75.000 EUR/ cluster, 2 years, state aid scheme**
- **Launch expected: november 2017**

Fiscal incentives for R&D activities

- **2014: amendment of article 19 of the Tax Code (new art. 19~1)**
 - *150% (+50%) deduction* on qualifying R&D expenses
 - *accelerated depreciation* on qualifying R&D assets

- **2016: amendment of article 60 of the Tax Code (Government Ordinance OUG 32/2016)**
 - *tax exemption for personnel income* resulting from R&D activities

- **2017: amendment of article 22 of the Tax Code (new art. 22¹)**
 - *10 yrs tax exemption for R&D firms* (exclusively R&D&I activities)

CLUSTERIX 2.0

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Thank you!
and...the CLUSTERIX 2.0 Project !



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