

Industrial Modernisation at European Level: Interreg Europe and the S3 Industrial Modernisation Platform

Marc Pattinson, Interreg Europe Policy Learning Platform
Research and Innovation Thematic Expert and ReConfirm
S3P Industrial Modernisation Broker
Florence, 19th March 2019



**Interreg
Europe**

European Union | European Regional Development Fund



Overview



- Objectives of the Interreg Europe Policy Learning Platform
- Industrial Modernisation Partnership Overview
- Interactions between Interreg Europe projects and Industrial Modernisation S3 Platform/Partnerships
- Examples of cooperation success stories
- Pursuing Interregional Cooperation

Why a platform for interregional policy learning?



Strategic objective =
Capitalisation of project achievements

In simple words...

How to get more out of the invested funds for regions in Europe

How?

- by bringing projects together
- by getting newcomers on board (i.e. managing authorities and regions not involved in the Interreg Europe projects)
- by offering ad-hoc support for interregional learning (i.e. without requiring project participation)
- <https://www.interregeurope.eu/policylearning/>

What is the Platform about?

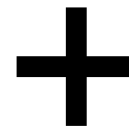


4 services for interregional learning



delivered through

Online portal



Team of experts



Keep informed



Online articles and news

- Latest news from the four thematic priorities
- Latest developments at European level



30/10/2018

Spotlight on European cluster events

The European Cluster Collaboration Platform launched a call for cluster events to be featured in the "European Cluster Weeks 2018-2019" campaign.

Type: [Platform](#)



03/09/2018

Digital Transformation Scoreboard 2018: Are EU companies...

In July 2018, the European Commission published its Digital Transformation Scoreboard 2018.

Type: [Platform](#)



30/08/2018

Renewable Energy Communities

At its most basic, renewable energy communities involve generation of energy from renewable resources and technologies,...



30/08/2018

REScoop: Supporting renewable energy co-operatives across...

Europeans are increasingly taking energy production into their own hands.

Type: [Platform](#)



European Energy Efficiency Fund (EEEF)

24/08/2018

A number of barriers prevent the full potential of energy e

Type: [Platform](#)



Environment in the post-2020 Cohesion

23/08/2018

Learn more about the new Multiannual Financial Framew

Type: [Platform](#)



Interreg Europe Peer Review – Call for In

21/08/2018

Team up with European peers to improve the performanc

Type: [Platform](#)



Mainstreaming environmental concerns

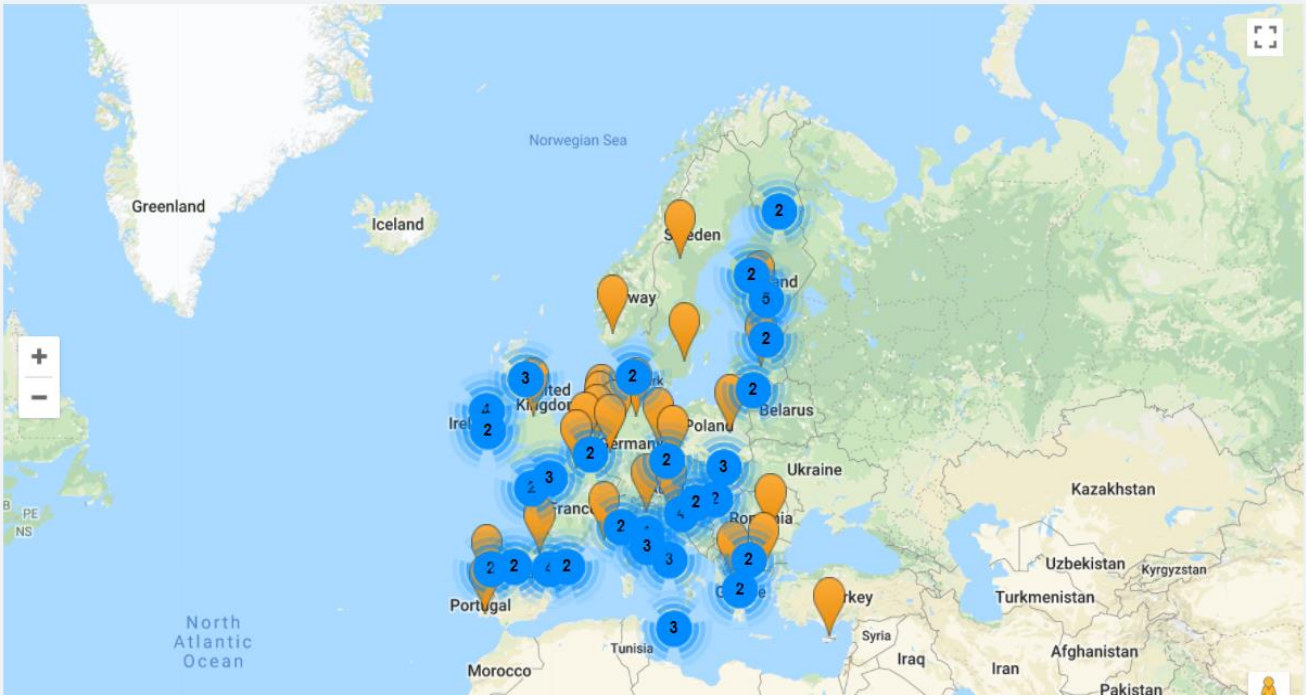
15/08/2018

Inspire and get inspired



Research and innovation | SME competitiveness | Low-carbon economy | Environment and resource efficiency

Good practices from Interreg projects and beyond



Share your good practices

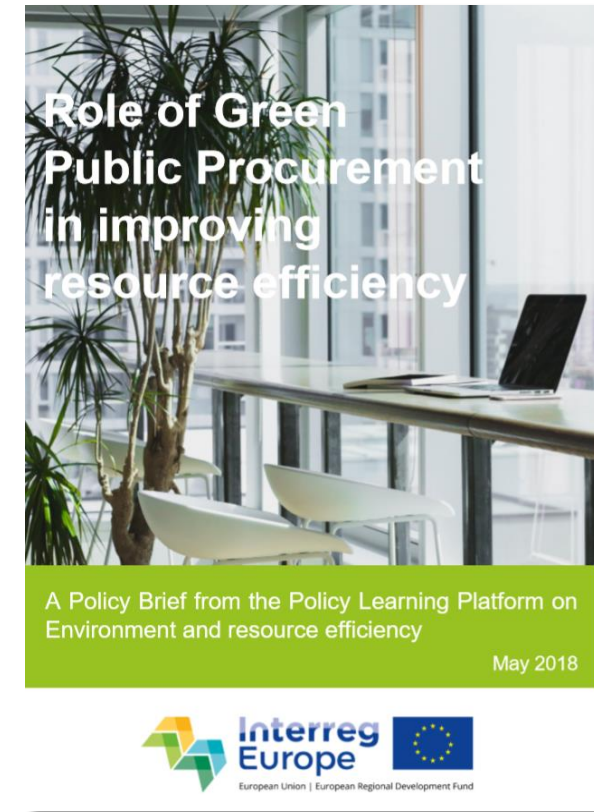
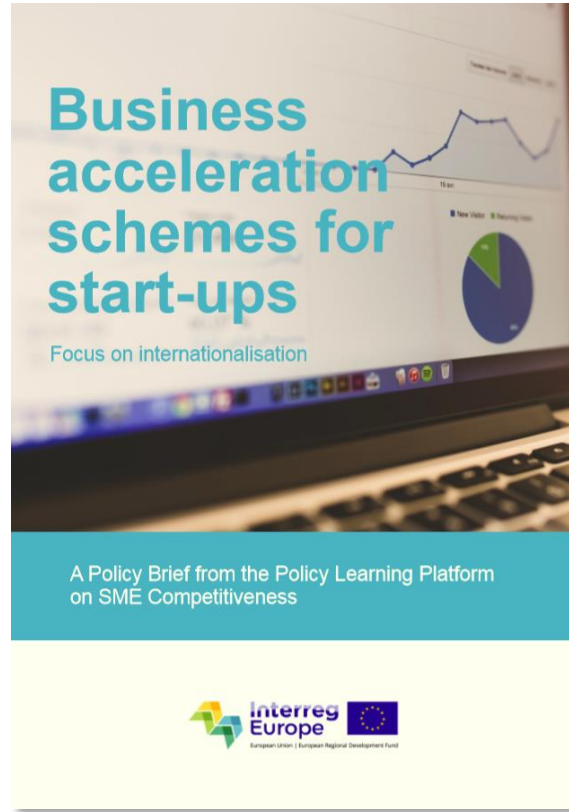
Are you the owner of an inspiring solution to improve regional policies?

[Submit a good practice](#)

<https://www.interregeurope.eu/policylearning/good-practices/>

Read, learn, benefit :Policy briefs

- The most recent expert analyses and insights into Interreg Europe projects
- Towards Synergies between S3 Industry Partnerships and Interreg Europe Projects
- https://www.interregeurope.eu/fileadmin/user_upload/plp_uploads/policy_briefs/2018-07-09_Policy_brief_Industrial_Modernisation_Final1.pdf



Industrial Modernisation Partnership Overview



- Twenty S3 Industrial Modernisation Partnerships underway, with different experiences, from Vanguard to latest ones such as AI&HMI led by Emilia Romagna and ASTER...
- Some 10 S3P supported by ReConfirm brokers
- <http://s3platform.jrc.ec.europa.eu/thematic-areas>

How does it work

Thematic Areas

- ADIMA Energy
- Advanced materials on batteries
- Artificial Intelligence and Human Machine Interface
- Bio-economy
- Chemicals
- Cybersecurity
- Digitalisation and Safety for Tourism
- Efficient and Sustainable Manufacturing
- High Performance Production through 3D-Printing
- Medical technology
- Mining industry
- New nano-enabled Products
- Personalised medicine
- Photonics
- Smart Regional Investments in Textile Innovation
- Safe and sustainable mobility
- SME integration to Industry 4.0
- Social Economy
- Sport
- Water Smart Technologies



Advanced manufacturing



Non-food Biomass



Efficient and Sustainable Manufacturing



3D-Printing

New Nano-Enabled Products

The pilot project focuses on identify existing and missing value chains within nanotechnology across Europe.

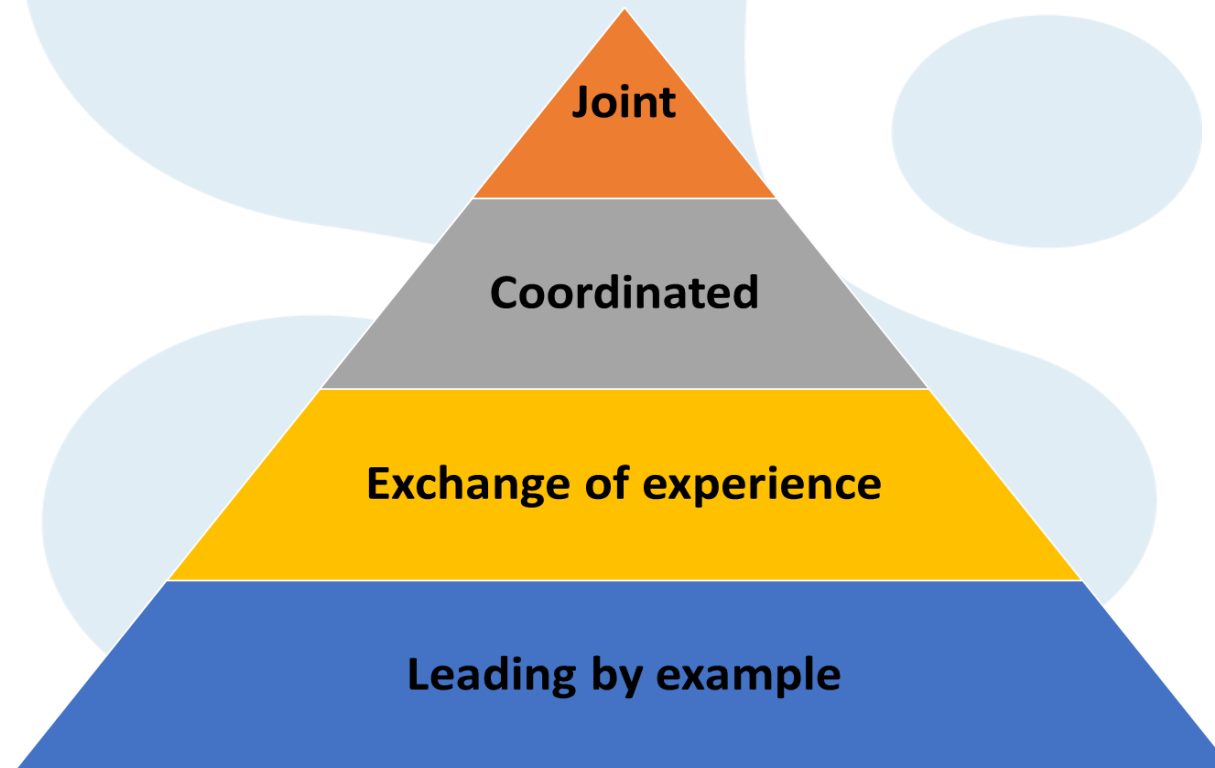


Industrial Modernisation Partnership Overview



- Aim of partnerships is to connect regional ecosystems based on S3 priorities and similar value chains
- Connecting business needs and challenges and working with regional intermediaries such as clusters and industrial federations
- Purpose is to progress toward co-investment projects
- But also strengthen other forms of interregional cooperation and policy alignment

Developing Industrial Modernisation Cooperation Investment Protocols building on four types of investment projects



Examples

5 types of ReConfirm investment partnerships

- **New production lines**

Develop new production procedures to improve efficiency and profitability

- **Shared training facilities**

Work together to develop a shared facility and content for training entrepreneurs or researchers

- **Common capacity building**

Equip businesses and entrepreneurs with the skills to develop, manage, implement and evaluate solutions to societal challenges

- **Shared technology centres**

Launch a technology centre with public and private organisations to undertake product research and innovation

- **Research and development (R&D) cooperation**

Build cooperation in R&D as a platform for improved policy coordination, new networking activities and for sharing knowledge and innovation

Industrial Modernisation Partnership Overview



Therefore S3P are **different** from Interreg Europe but **complementarities can be seen and many opportunities for connecting initiatives** and developing long term and sustainable cooperation : some 19 IRE projects from Calls 1-2 deemed to have a good fit with S3P such as NMP-REG, STEPHANIE S3CHEM...

<http://s3platform.jrc.ec.europa.eu/-/s3p-industry-and-interreg-europe-working-for-industrial-modernisation>

- Technologies: nanotechnology, industrial biotechnology, advanced materials, photonics, advanced manufacturing.
- Industries: Food, Textile, Chemical
- Cross thematic Horizontal issues: via clusters for example ClusterFy, Clusterix2.0, S34Growth ...

Industrial Modernisation Partnership Overview



Interreg Europe Policy Brief: Towards Synergies between S3 Industry Partnerships and Interreg Europe Projects, highlighted the following opportunities:

- Sharing methodological tools (accelerate learning and exchange)
- Thematic or sector-based cooperation (see above)
- Developing Financial Instruments and preparing for Interregional Innovation Co-investments (Article 70 ... and future DG Regio interregional innovation investment tools)
- Promoting business and SME engagement (engaging with value chain stakeholders and intermediaries such as clusters)

Industrial Modernisation Partnership Overview



The IRE Policy brief concludes with four concrete suggestions for enhancing synergies between the two project communities:

- Sharing of mapping and/or scoping methodologies to enhance policy makers bottom up knowledge of regional ecosystems and create the conditions for European level cooperation and scale up, for example EDP;
- Implement thematic or sector level working groups to build linkages between similar stakeholder groups and construct European level value chains to support and accelerate industrial transformation;
- Share experiences regarding the engagement of businesses (working via clusters) and notably SMEs to ensure the robustness of policy options and project ideas; and
- Collect and share experiences of interregional funding and governance models to support overall project implementation opportunities.

Industrial Modernisation Partnership Overview



- Also DG Regio Pilot Initiatives for twelve Industrial Transition regions;
- DG GROW has funded nine S3-Cluster Partnerships: details European Cluster Collaboration Platform
<https://www.clustercollaboration.eu/eu-cluster-partnerships/escp-s3/profiles>
- Horizon 2020 INNOSUP 01 providing cascade funding for interregional innovation projects led by SMEs/RTO etc and facilitated by cluster networks ... Neptune in Water, Impact Connected Car, lot4 Industry, DIVA and VIDA food ...

Examples of Cooperation Success Stories



- Strengthening mapping : MedTech S3P and MedTech for Europe IRE, both led by French Region Auvergne Rhone Alpes
- Broadening Partnership : ClusSport and Sport4Europe IRE, developing value chain coverage by adding new partners
- Working with key intermediaries: Clusters as facilitators, experiences of S3-European Strategic Cluster Partnerships, supported by DG GROW-COSME, two such partnerships working within MedTech4Europe S3P

Examples of Cooperation Success Stories



- Facilitation by ReConfirm: EWRC Workshop in which HoCare IRE presented its action plan implementation, notably means to secure ERDF funding for launching pilot project in Cyprus.
- Project and Partnership Networking supported by Interreg Europe: Lapland April 2018
- Showcasing investment ideas : S3P Steering Committee meeting Bilbao November 2018, five partnerships presented their ideas (Sport, Chemical, Photonics ...) Also interaction with two other S3 platforms Energy and AgriFood

Challenges for Implementing Interregional investment projects



It is not easy ! Challenges encountered include:

- Alignment of funding programmes
 - Deploying cross-border initiatives and associated funding
 - Spending money in other regions- Lack of bespoke financial tools
 - Robustness of business case
 - Connecting innovation ecosystems – seek facilitators
 - Legal issues and political dimension
 - Time factor ...
 - Variety of projects (cooperation versus co-investment)
-
- Lessons from Interreg Europe Action Plan implementation can help with some aspects notably interregional cooperation
 - Clusters valuable actors for macro region level cooperation and value chain analysis

Pursuing Cooperation Opportunities



- Range of IR-E PLP support services
- Interreg Europe Peer Learning Workshops : new call to be launched in April
- Participate in key events Interreg Europe '[Europe, let's cooperate!](#)', the fifth interregional cooperation forum, takes place in Brussels on 10 April 2019.
- Develop new S3 Industrial Modernisation Partnerships : call open
- Next S3P Steering Committee meeting on 13-14th June in Warsaw



Peer reviews: where do we stand?

- ✓ 1st pilot peer review successfully implemented (host: Hauts-de-France)
- ✓ A further seven selected of which two for TO1 (Sweden and Bulgaria)
- ✓ New possibilities in 2019!

What did the hosts say?

Region Hauts-de-France



Expert support



*We should have a more European approach in the formulation of our OP (Operational Programme). So far, we have only adopted a regional approach. **Looking at what others are doing is very beneficial** to us and helps us deciding what we should do and what we should avoid.*

- 
- ✓ Is your organisation responsible for the **implementation of local or regional development policies**, in particular the management of structural funds?
 - ✓ Would you like to team up with other European regions to **receive advice on how to best implement your policy or programme?**

Express your interest for a peer review!

Questions and thank you !



www.interregeurope/policylearning

#policylearning

m.pattinson@policylearning.eu



**Interreg
Europe**



European Union | European Regional Development Fund