

**Interreg
Europe**



Co-funded by
the European Union

Industry : green transition challenges

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Interreg Europe - Two **actions**



Projects

Limited number of regions **exchanging and transferring experience** on a shared regional development issues

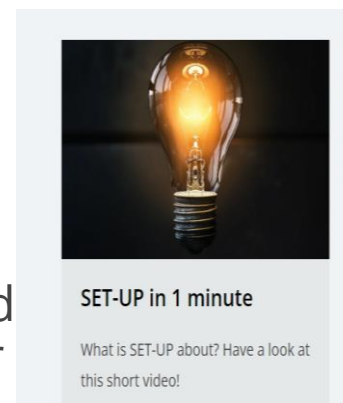
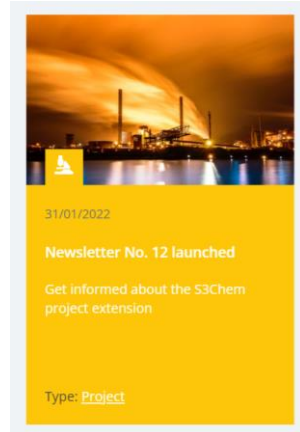


Policy Learning Platform

Further exploiting projects' achievements and opening up the programme benefits to all

Industry and Green Transition Challenges

- **Many Interreg Europe projects have addressed the themes of circular economy, energy and industry transition**
- **TraCS3** focuses on enhancing the role of innovation infrastructures within regional S3 priorities including good practices focused on energy transition
- **S3Chem** addresses the transition pathway of this sector including societal challenges energy , circular economy and testing labs such as Brightlands in Limburg
- **DeCarb** brings together 9 countries, to exchange experiences & transfer knowledge on how to transition from the carbon-intensive era towards the clean energy future. It supports regions to secure sustainable development, economic & societal stability, and a role in the 2030 energy mix.
- **ResIndustry** : The long-term objective is to **increase the industry competitiveness by decreasing its energy bill, rising their energy independency, thus uncoupling their energy costs** from geopolitical externalities.
- **SETUP** : The overall goal of the SET-UP project is to improve energy performance of the 6 partner regions thanks to **enhanced policies on smart grids**.
- **Learnings** : strong policy maker knowledge, many different approaches deployed by policy makers to address green, circular and energy transition issues for industry. Good fit with Regional Innovation Valley concepts and a culture of exchange and cross border cooperation and willing partners.



Learn from Interreg Europe Good Practices - Over 3000 to select from !

- Good practices drawn from the project portfolio enable other policy makers to learn, adapt and implement tried and test policy solutions :
- **From the Lowcarb project the Green Transition in Danish SMEs through Low Carbon Business Models and Financial Implementation Aid** good practice from Aalborg Municipality offers Danish SMEs the chance to apply for an individual, free and non-binding energy screening. By compiling data on energy, resource and waste management, Aalborg Municipality identifies and condenses the optimisation potential into concrete and realistic measures for a given SME.
- From TraCS3 the **Energy Transition Centre (EnTranCe): hotspot for sustainable energy** good practice illustrates how local lab and testing facilities can accelerate innovation for transition challenges
- In total over 200 GP's relevant to the circular economy and energy theme ! Including energy cooperatives, energy communities

Clusters in support of industry green and circular transition challenges

- A number of EU and national programmes identify clusters as valuable intermediaries in delivering the green transition agenda and feature in EU calls such as I3 and RIV ...
- Within Interreg Europe a number of interesting projects:
 - **CLUSTERFY** aims to foster clusters' interregional collaboration and integration into global value chains (GVCs). The project specifically focuses on policies to enable clustering of SMEs in Key Enabling Technologies (KETs) and showcases **energy transition dimensions**.
 - **CLUSTERIX2.0** looks at improving regional innovation policies for clusters, namely by strengthening intra and interregional cooperation and university-industry linkages.
 - CLUSTERS3 aims to adopt cluster policies to improve S3 implementation. The project focuses on the insertion of SMEs in the global value chains (GVCs).
- Learnings include facilitation of cross sectoral cluster led cooperation and alignment with S3 regional priorities or missions of regional authorities



Skills and Talents for Green and Circular Economy Transition

- A number of Interreg Europe projects have looked at the issues of skills and talents for implementing green transition in industry and the construction sector : [Build2LC](#) and also [policy briefs](#)
- The [40Ready](#) project looks in detail at the skills dimension for Industry 4.0 transition challenges
- Some major sector labour and training needs in traditional skills, for example in welding where thousands are required for the european nuclear industry revival ...
- This is also an identified priority within the New European Innovation Agenda with associated action plans.
- Learnings : New approaches are required to deal with skills shortages – focus on short term upskilling and reskilling initiatives through industry partnerships



The image shows a policy brief card with a header 'POLICY BRIEF' and a star icon. The main image is a worker in a yellow safety vest and orange hard hat working on solar panels. Below the image is a green hexagonal icon with a white wind turbine symbol. The title is 'Skills for the energy transition' and the text discusses the need for skills for the energy transition at local and regional levels to encourage clean technologies and energy-efficient applications to reach the European Union's climate targets. The date is '24 February 2021' and the author is 'By Platform'.

POLICY BRIEF

Skills for the energy transition

We need to foster skills for the energy transition at local and regional levels to encourage clean technologies and energy-efficient applications to reach the European Union's climate targets.

24 February 2021 | By Platform

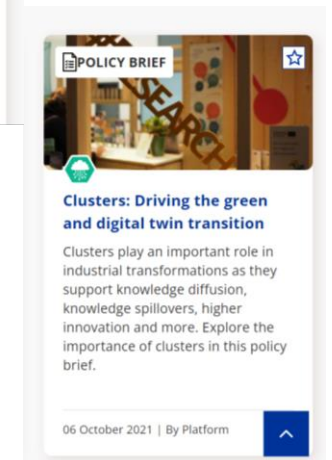
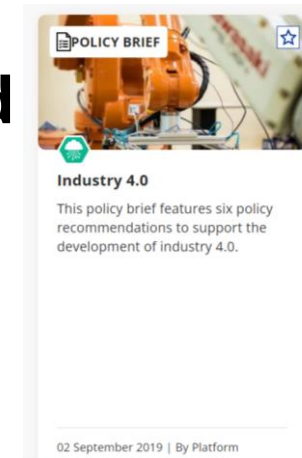
PLP – Example of relevant resources for Industrial Transition



Policy briefs – showcasing IRE projects and policy trends

Industry 4.0

Clusters Driving the Green and Digital Transition



Other resources

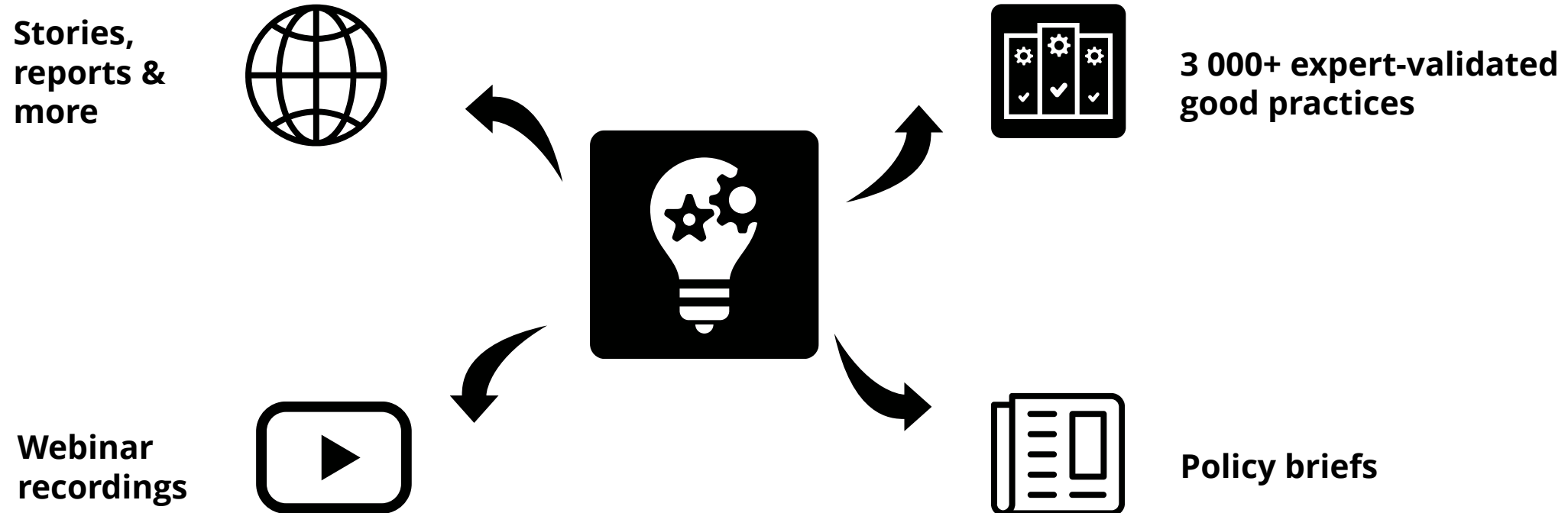
E Workshop recording : Industry 4.0

E workshop recording : How to turn the theory of Industry 5.0 into Practice

Part Two

- INTERREG programmes have different objectives ... Cross border cooperation, macro region initiatives and **Interreg Europe** with a strong policy change and impact dimension ... learning and capitalising from each other and support the implementation of policy and programme changes.
- Over 250 projects in 2017-21 period and some 72 new projects for Call 1 projects are just starting – some 50% are focused on the Green Thematic – including 3F Green Model led by **Asturias** and Call 2 has just closed with some 145 applications
- IRE Projects are extremely complementary for policy makers to connect with other programmes ... already seen via S3 and now Regional Innovation Valley via I3 and EIE
- The capitalisation actions of PLP are very relevant to help connect partners, create policy and funding synergies and help build better policies ... notably through Peer Reviews.

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