



4° PRI Plenary Interregional Cooperation event 1 - PRI & EU Industrial Policy

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EU Industrial Strategy Updated

https://ec.europa.eu/info/sites/default/files/communication-industrial-strategy-update-2020_en.pdf

Revised industrial policy
COVID recovery
Transition pathways



Need to:

1. Strengthen **Single Market resilience**
2. Analyse and address **strategic dependencies**
3. Accelerate the **twin green and digital transitions**



Transition pathways

Co-create jointly with industry and stakeholders, transition pathways to identify the actions needed to achieve the twin transitions, giving a better understanding of the scale, benefits and conditions required.



Multi-country projects

To support the recovery efforts and develop digital and green capacities, the Commission will support Member States in joint projects to maximise investments under the Recovery and Resilience Facility.



Analysis of the steel sector

To ensure a clean and competitive steel industry, the Commission analyses and addresses challenges for this sector.



Horizon Europe partnerships

Bringing together private and public funding to finance research and innovation on low-carbon technology and processes.



Abundant, accessible and affordable decarbonised energy

The Commission will work with Member States to accelerate investments into renewables, grids and address barriers.

What are Transition Pathways?



Goal: an actionable plan for the *transition of industrial ecosystems* that eventually will lead to project pipelines, co-created by the European Commission and relevant stakeholders

Building blocks:

- setting a vision: goals and milestones for greening and digitalisation + resilience
- looking at bottlenecks, gaps, enablers (including regulatory), monitoring mechanism
- making a business case for investments
- taking into account competitiveness, governance, R&I technology, infrastructure, skills
- Stress on social impact of the transition, international and SME dimension

Taking into account: relevant inputs such as **ecosystems analysis** (fiches), **digital compass and fit for 55 targets**, **industrial technology roadmaps** (ERA + Action Plan on Synergies between civil, defence and space industries) and inputs from stakeholders such relevant expert groups and the **Industrial Forum**

Priority ecosystems: given to ecosystems and sectors that urgently need to transition to remain competitive, **energy-intensive industries** and **construction**, as well as to sectors heavily affected by the crisis, **tourism** and **mobility**



Industrial Forum



ROLE

- Advise on the EU Industrial Strategy implementation
- Contribute to the Transition Pathways and follow up their implementation
- Speed up transition by bringing together key players and investors
- Transparent and inclusive, linking different initiatives

5

Task Forces

INPUTS

- Existing ecosystem analysis
- Technology roadmaps
- Members' input
- Draft transition pathways

LINK TO

- Alliances
- IPCEIs
- Networks
- Expert groups
- Skills Roundtables



How to identify areas of high potential for CB and CE investments?

Proposed criteria for prioritizing and selecting areas and initiatives for CB and CE investments

- Europe's competitive edge or high potential to achieve global leadership
- High growth potential
- Expected high impact on the sustainability goals
- A pressing need for cross-border and cross-ecosystem investments (including potential areas of high risk dependencies and unforeseeable complex problems)
- Technology readiness levels (TRL) mature enough for demonstration and piloting

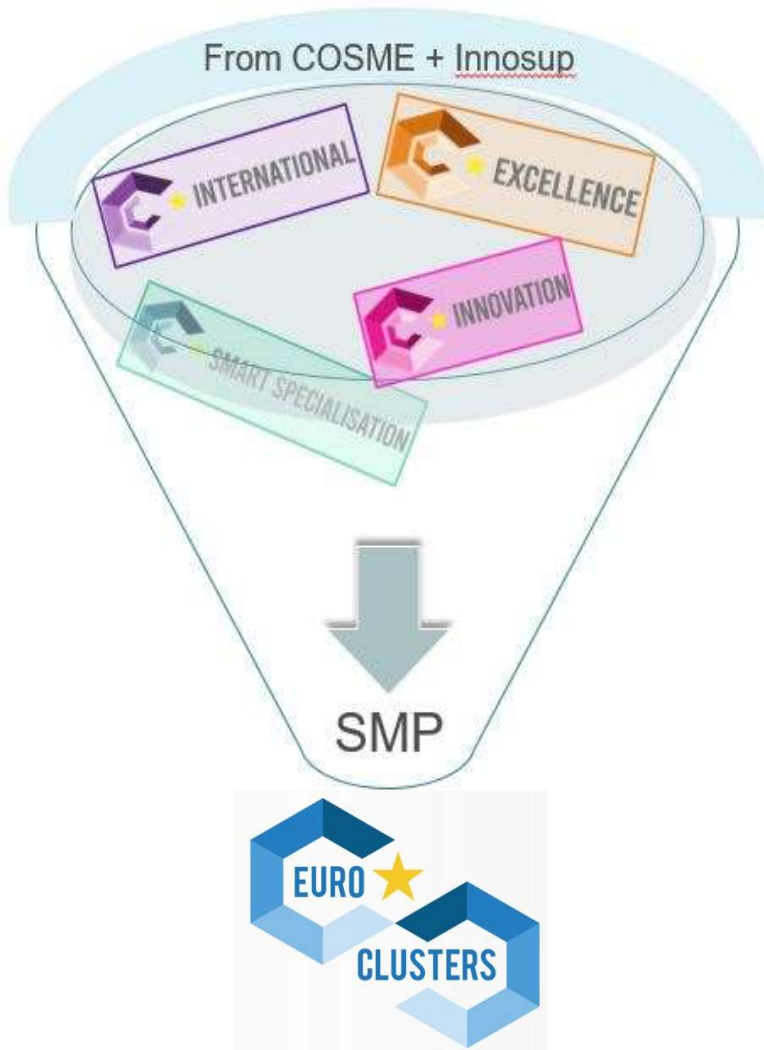
Proposed general principles for the same

- A transparent process
- Min. of 3 MSs committed to increase resource allocations for CB and CE initiatives in the area(s) concerned
- A strong commitment and leadership by businesses
- Maximising the impact (ref. recommended measures)
- Public funding based more on investment logic

3 areas of high potential for CB and CE investments to focus on

- A. Transition to the production and use of clean and renewable energies** with a focus on improving energy-sector integration and strengthening local/regional clean and renewable energy valleys and their CB and CE collaboration and investments;
- B. Environmentally friendly, circular goods and data-based services** piloting with industries and businesses that show strong commitment to implement their transition pathways involving also upstream and downstream companies, technology and service provides e.g., in advanced manufacturing, digital, design.
- C. Microelectronics** focusing on virtual design platforms and pilot lines where to design and test chips at a mature enough TRLs for future applications in fields like edge AI, automotive and manufacturing.

EUROCLUSTERS



42
Million
EUR

30
Euroclusters

75% of each
Eurocluster grant to
support SMEs

NETWORK

- Resilience preparedness/business continuity plans

ADOPT

- SMEs supported which undertook business process innovation

GO INTERNATIONAL

- Collaboration agreements signed with third countries
- SMEs benefited from internationalisation

INNOVATE

- New-to-firm products/services identified

TRAIN

- Cluster organisations which received training
- SMEs investing in skills development

COMMUNICATE

- Social media followers
- SMEs supported coming from countries/regions different from those of Euroclusters partners

30 Euroclusters
started work in
September 2022

171 partners

**23 different
countries**

- All 14 industrial ecosystems covered
- 20 Euroclusters focusing on a specific industrial ecosystem
- 10 Euroclusters working across industrial ecosystems



EU Cluster Policy Toolkit

Aim: Strengthen cluster policy practice and leverage clusters for the green and digital transition and for resilience



Database of around 200 practices from EU27 countries and beyond

Practices tagged

Geography

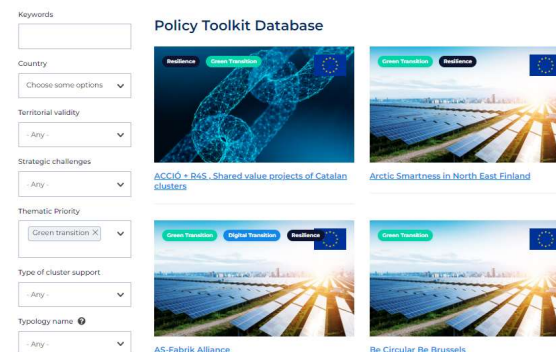
Thematic Priority

Strategic Challenge

Cluster function

EG Recommendations

Users can mix & match among the options on these 5 filters to return inspiring examples that correspond



An initiative of the European Union

<https://clustercollaboration.eu/policytoolkit>



Thank you



https://ec.europa.eu/growth/industry/policy/cluster_en
<http://www.clustercollaboration.eu>



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<https://www.linkedin.com/company/european-cluster-collaboration-platform-eccp/>
<https://www.linkedin.com/company/resource-efficient/>

European Cluster Panorama

https://clustercollaboration.eu/sites/default/files/2021-12/European_Cluster_Panorama_Report_0.pdf



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