

EUCLUSTERS TALKS ★

From Lab to Market:

The role of collaboration between technology centres and clusters

12 February 2025

08:30-09:45 CET

Online

Agenda

1. News from the European Cluster Collaboration Platform
Ángela Negrete Benedí, *Team Member European Cluster Collaboration Platform*
2. An insight into the technology centres mapping
Els Van de Velde, *Senior Expert Competitiveness & Innovation, Idea Consult*
3. Co-location of technology centres and cluster organisations
Vincent Van Roy, *Expert Innovation, Competitiveness & Sustainability, Idea Consult*
4. Panel debate
Inge Arents, *Managing Director, Flanders Foo*
Michal Zemko, *Executive Director, COMTES FHT and President Klastr Mechatronika*
Kateřina Podaná, *Executive Director, Klastr Mechatronika*
Braz Costa, *General Manager, CITEVE*
5. Funding opportunities
Ángela Negrete Benedí, *Team Member European Cluster Collaboration Platform*

Housekeeping rules

Chris Burns, presenter

- We will use **slido** to launch polls. Please scan the QR code to answer.
- Please use the **Zoom Q&A function to ask questions**, and the **chat function** to comment or share links.
- If you want to speak: Please **raise your hand** and we will give you the floor.
- Please note that the session is being **recorded** and that the recording will be **published** on the European Cluster Collaboration Platform.

NEWS FROM THE EUROPEAN CLUSTER COLLABORATION PLATFORM

Save the date! EU-Ukraine Business Summit



The the EU-Ukraine Business Summit will take place in **Brussels on 10-11 April 2025.**

The summit will feature engaging panel discussions, interactive workshops, and hands-on sessions designed for businesses looking to **explore opportunities** in Ukraine. Discussions will also focus on **Ukraine's reconstruction** within the broader framework **of European reindustrialization**, highlighting key reforms aimed at unlocking investment and improving the business climate.

Stay tuned for more details on **panels, workshops, and speakers!**

European Business Summits website:

<https://ebsummits.eu/our-summits/future-of-ukraine/>

Be part of the next C2Labs!



The European Cluster Collaboration Platform, in collaboration with the Government of Aragón, organises the next edition of the [Cluster Collaboration Labs in Zaragoza, Spain, on 19-20 March 2025](#). This C2Lab has a special focus on **Artificial Intelligence (AI) solutions**.

[REGISTER HERE](#)

Proposed project topics (C2Lab Zgz)

- AI for Net Zero Technologies
- AI for Industrial Transformation and Competitiveness
- AI for Healthcare Innovation
- AI for Dual Use Technologies
- AI for Smart Cities
- Collaborative AI Infrastructure
- AI for Crisis Management
- Your own project idea



The Cluster Collaboration Labs (C2Labs) are **interactive workshops** for cluster organisations, companies, research organisations, actors from civil society, and other interested entities. The **purpose** of these events is to bring and find collaboration partners, mature your project idea, and build the business case for your idea.

Save the date and register for the next ECCP events!

Clusters Meet Regions

- **Register now:**

- [Eindhoven, Netherlands, 27-27 March](#)

- **Save the date:**

- [Heilbronn, Germany, 9-10 April](#)
- [Alentejo, Portugal, 29 April](#)
- [Palma, Spain, 14-15 May](#)
- [Rzeszów, Poland, 3-4 June](#)



The infographic features a map of Europe with regions highlighted in light blue and yellow. The light blue regions correspond to 'Clusters Meet Regions' events, and the yellow regions correspond to 'C2Lab' events. The text on the left lists the events with their respective dates and locations, each accompanied by a small flag icon. The top left corner has the ECCP logo and the text 'EUROPEAN CLUSTER COLLABORATION PLATFORM'. The top right corner has the text 'An initiative of the European Union' and the European Union flag.

EUROPEAN CLUSTER COLLABORATION PLATFORM

An initiative of the European Union

ECCP Events to Kickstart 2025

-  **Biweekly Online EU Clusters Talks**
19 February - 26 February at 8:30 CET
-  **Zaragoza, Spain**
Cluster Collaboration Labs | 19-20 March
-  **Eindhoven, The Netherlands**
Clusters meet Regions | 26-27 March & EU Matchmaking
-  **Heilbronn, Germany**
Clusters meet Regions | 9-10 April & EU Matchmaking
-  **Alentejo, Portugal**
Clusters meet Regions | 29 April
-  **Esbjerg, Denmark**
Cluster Collaboration Labs | 6-7 May
-  **Palma de Mallorca, Spain**
Clusters meet Regions | 14-15 May & EU Matchmaking
-  **Rzeszów, Poland**
Clusters meet Regions | 3-4 June

■ Clusters Meet Regions ■ C2Lab

Discover the EMI Technology Centre Mapping Tool and Newsletter

The [European Monitor of Industrial Ecosystems \(EMI\)](#) is an initiative by the European Commission designed to provide data-driven insights, mapping, and analysis of Europe's industrial ecosystems. Under this initiative, the [EMI Technology Centre Mapping Tool](#) has been launched. This platform allows SMEs, start-ups, and other stakeholders to explore the services offered by approximately **400 technology centres across**.

Also, a **quarterly newsletter** aimed at:

- Technology centres
- SMEs adopting or commercialising innovations
- Investors & business support organisations

Does your cluster work with technology centres? Encourage them to **apply for the Technology Centre Mapping and [share their success stories!](#)**

[Subscribe now to the Newsletter!](#)

Filter by

Keyword

Countries

Select

Industrial ecosystems

Select

Technology Centre Activities

Select

Technology Readiness Level

Select

Search

Location of Technology Centres



More info:

<https://www.clustercollaboration.eu/content/discover-emi-technology-centre-mapping-tool-and-newsletter>

An insight into the technology centres mapping

Els Van de Velde

Senior Expert Competitiveness & Innovation, Idea Consult

European Monitoring of Industrial Ecosystems

Els Van de Velde

12 February 2025

An insight into the technology centres mapping



European Monitor of Industrial Ecosystems (EMI)

The ‘**European Monitor of Industrial Ecosystems**’ (EMI) project was initiated by the European Commission, Directorate General for Internal Market, Industry, Entrepreneurship and SMEs and the European Innovation Council and SMEs Executive Agency (EISMEA).

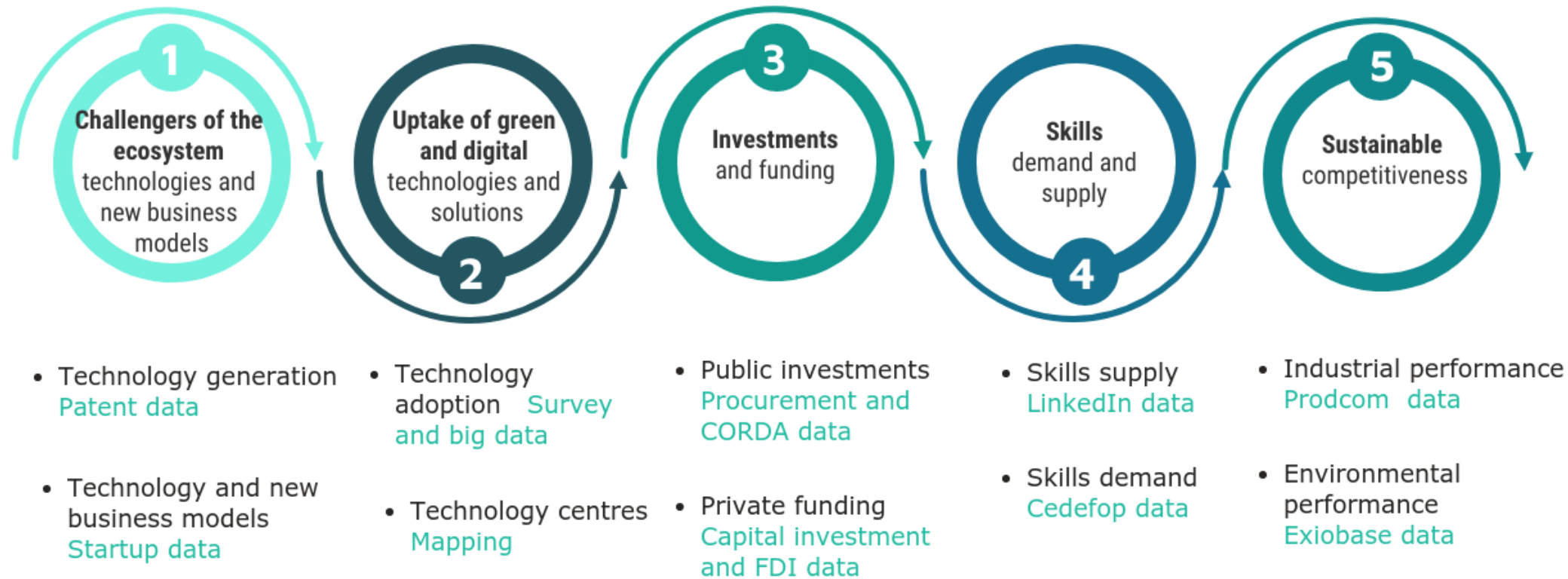
Monitoring the performance of EU Industry and EU industrial ecosystems, including progress in the green and digital transformation for the monitoring of

- **Green, digital and resilient** transitions of the industrial ecosystems
- Focus on **change** over time
- Produce **recent, real-time** indicators whenever possible

Industrial ecosystem specific **reports** that interpret the data collected and provide further qualitative industry insights

Industrial Ecosystem Monitoring

A framework to monitor progress towards the **green and digital transition** of Industrial Ecosystems



Technology centre mapping

Technology centres help SMEs cross the 'Valley of Death' and go from lab to market to develop and produce new technology-based products. They help companies reduce the time-to-market for new innovation ideas.

Technology centres are public or private organisations carrying out applied research and close-to-market innovation (active in TRLs 3 to 8) in digital, green and other advanced technologies

Inclusion criteria

Qualitative criteria

- Provide services to industry and SMEs
- Active in at least one advanced industry technology
- Be active in the higher TRLs (TRLs 5 to 8)

Quantitative criteria

- More than 10 projects with SMEs in the last 2 years
- More than 2 major investment in equipment in the last 3 years
- At least 15% from industrial funding in the total annual funding in the last 2 years
- At least 7% from projects with SMEs in total turnover in the last 2 years

Technology centre mapping website

Technology Centres

What are "Advanced Technologies for Industry (ATI)" Technology Centres?

What are the criteria for inclusion in the mapping?

Please note that by "Adding/Updating your technology Centres" the Technology Center consents to the processing of its personal data, including the publication of contact information on the public online database. Technology Centres are invited to read and accept the [Privacy Policy](#) if they agree to such processing.



Filter by

Keyword

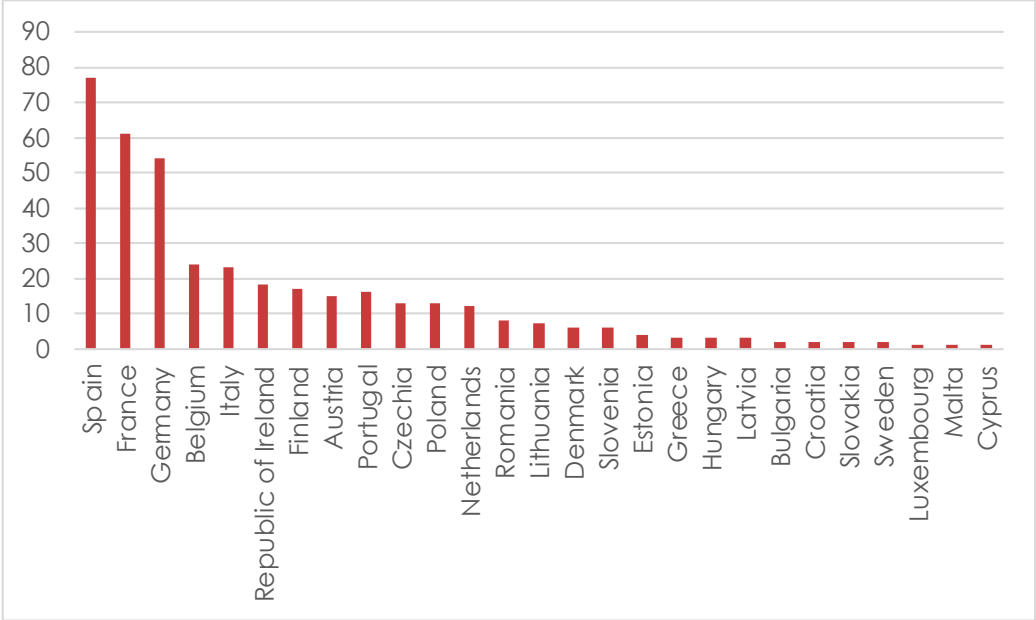
Countries

Industrial ecosystems

Technology Centre Activities

Technology Readiness Level

Search



395 technology centres present on the mapping

<https://monitor-industrial-ecosystems.ec.europa.eu/technology-centre/mapping>

Technology centre profile

Description

NAITEC is the Technology Center specialized in mobility and mechatronics. It aims to be a center of excellence in sustainable mobility and mechatronics of international reference, contributing to the technological drive of both sectors, improving the competitiveness of companies.

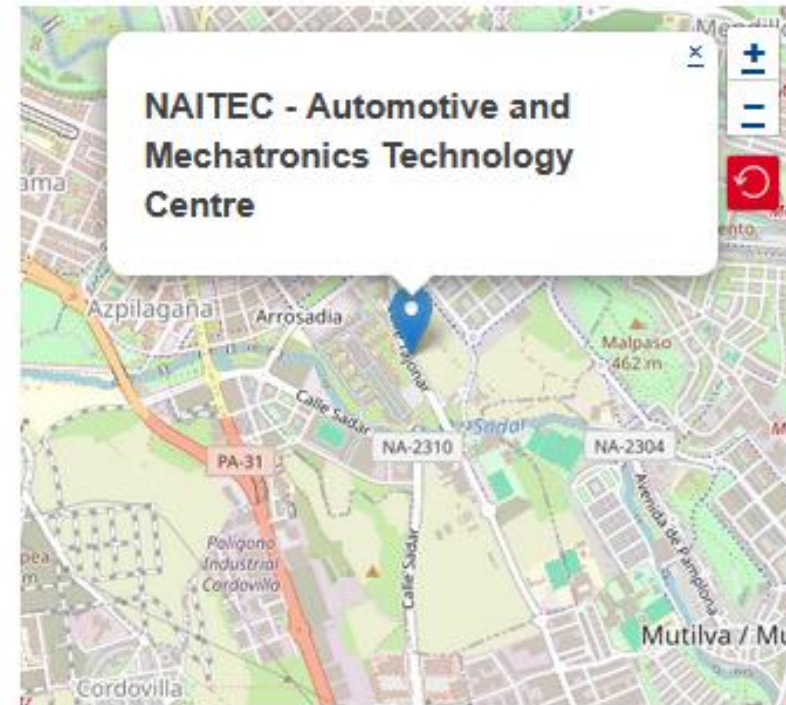
NAITEC provides innovative and environmentally friendly solutions through the generation and transfer of differential knowledge, oriented to a global market.

Main activities:

- **Mobility:** Sustainable and smart solutions for safer, more comfortable and environmentally friendly mobility.
- **Mechatronics:** Smart products and processes, with greater automation and connectivity, sensorization and embedded technologies.
- **Technological Services:** Before marketing a product, companies must ensure that such a product complies with applicable regulations, quality standards and can perform the function originally designed for. Hence, products must be subjected to different tests.
- **New businesses:** Technological applications for new horizons

NAITEC is associated to ADItech, it is a private non-profit foundation. ADItech acts as coordinating agent for the Navarra R&D&I System and represents NAITEC, among other European partnerships, in the European Factories of the Future Research Association (EFFRA) and in the Sustainable Process Industry through Resource and Energy efficiency (SPIRE) – PPP.

At the same time, NAITEC is associated to the Spanish mobility platform MOVE2FUTURE, to OE-A (Organic and printed electronics association) and is member of the Advisory Group of IEC TC-119 for printed electronics. Recently, NAITEC joined the Spanish Center for Industrial Cybersecurity (cci-es.org)



Contact Person

Martín Flores

Business and Operations Director
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is SME contact

Technology centre profile

Equipment

NAITEC operates six main groups of equipment, distributed in these laboratories:

- Electronic product testing and validation laboratory
- Electronic development laboratory
- Test benches and validation of mechanical components
- Materials laboratories
- Functional printing plant
- Nanotechnology laboratory

Equipment Link <http://www.naitec.es/en/infrastructure-and-equipment/>

Services

Industry solutions: <http://www.naitec.es/en/industry-solutions/>

- Mobility
 - Connected and autonomous systems
 - Efficiency and sustainability
 - High-tech manufacturing
- Mechatronics
 - Smart mechatronic product
 - Digital transformation of industrial processes
- New businesses
 - Diversification
 - Entrepreneurship

Technological Services: <http://www.naitec.es/en/technological-services/>

- Materials
- Components and mechanical systems
- Electronic product testing and validation
- Computational simulation

Services Link <http://www.naitec.es/en/industry-solutions/>



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Co-location of technology centres and cluster organisations

Vincent Van Roy

Expert Innovation Competitiveness & Innovation, Idea Consult

European Monitoring of Industrial Ecosystems

Vincent Van Roy

12 February 2025

Co-location of technology centres and cluster organisations



Co-location of technology centres and cluster organisations

Analysis of the regional co-location of technology centres and cluster organisations in the EU

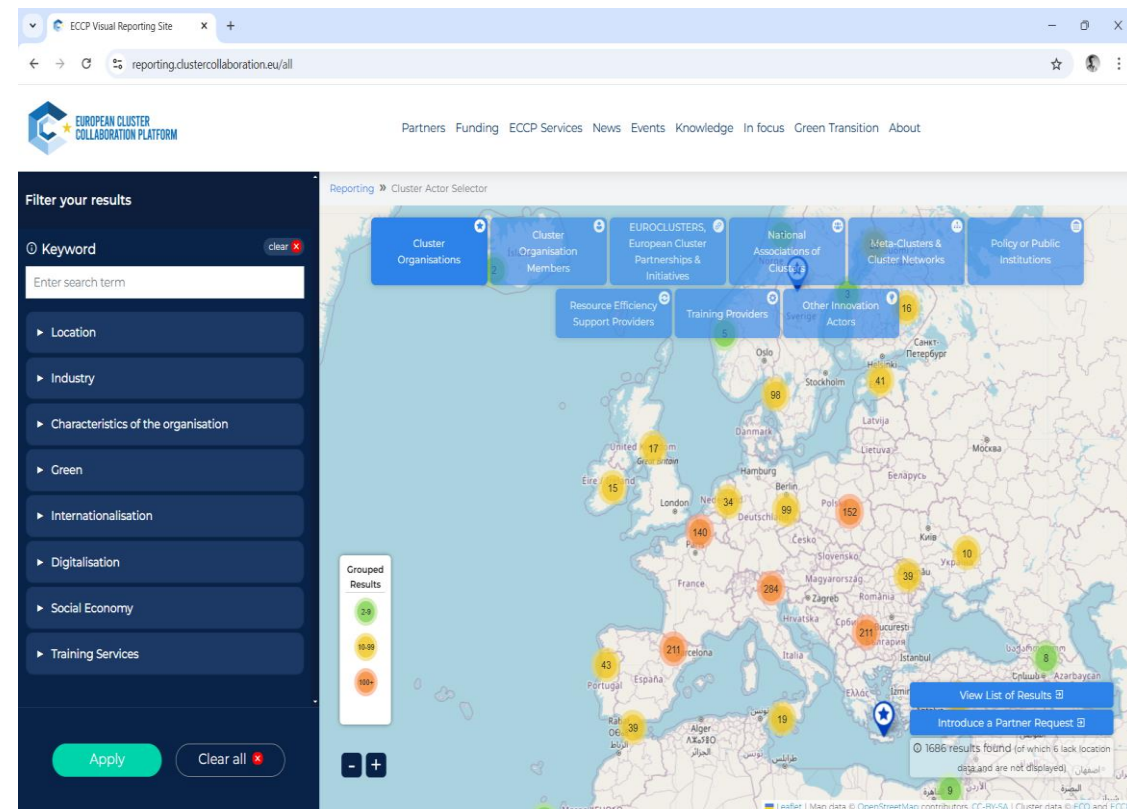
- Identifying regional hotspots and mutual benefits of co-location for 8 industrial ecosystems

Technology Centres

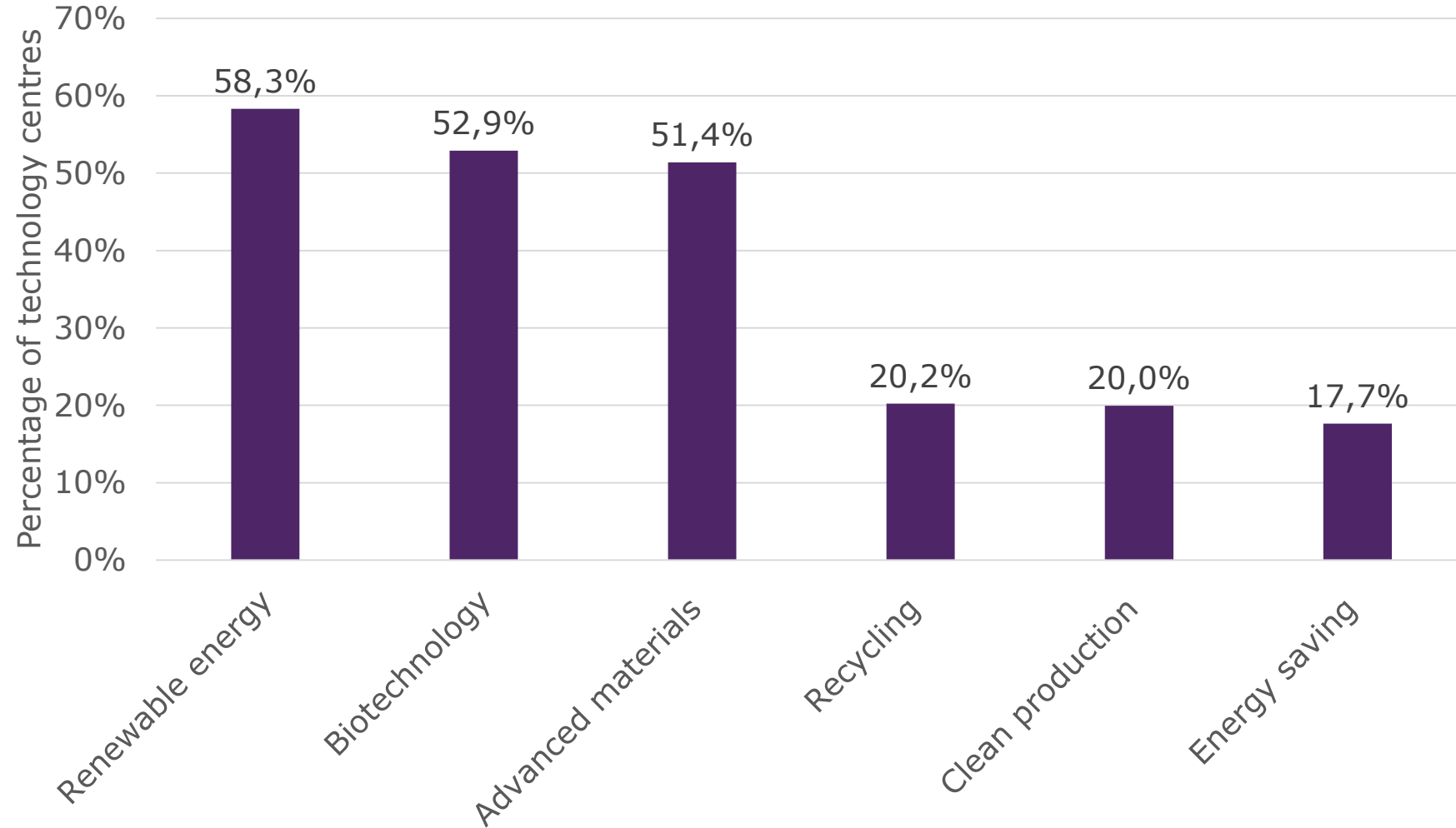
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Distribution of technology centres by green technology



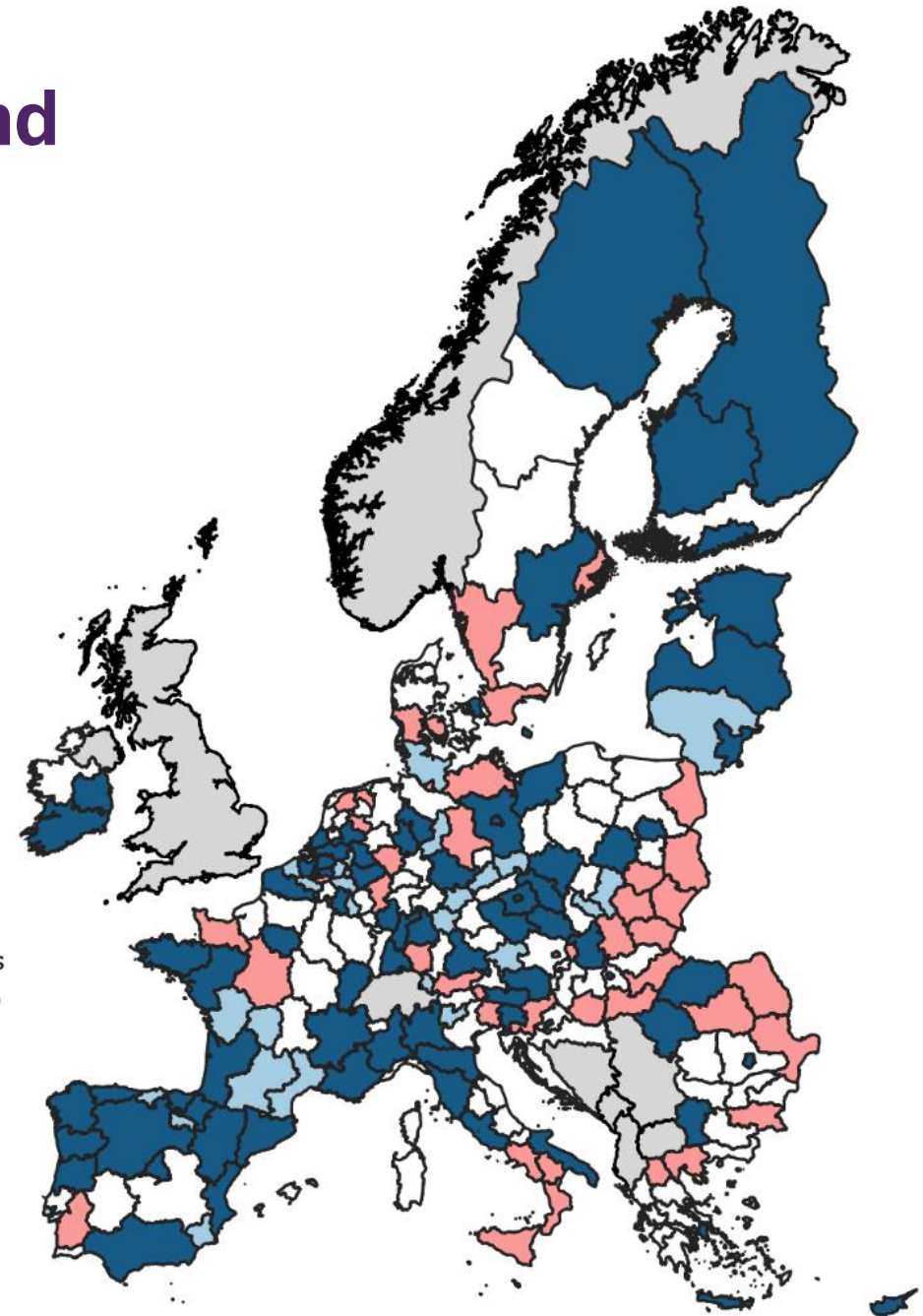
Co-location of technology centres and cluster organisations active in green technologies at regional level

Highest concentrations of technology centres are observed in:

- Basque Country (Spain)
- Rhône-Alpes (France)
- Catalonia (Spain)
- Emilia-Romagna (Italy)

Technology centres and cluster organisations in green technologies & present in TC mapping and ECCP

- None
- Only cluster organisations
- Only technology centres
- Both technology centres and cluster organisations



Construction industrial ecosystem – Denmark



We Build Denmark is the Danish cluster for the building and construction ecosystem providing support on:

- Business development
- Matchmaking
- Funding
- Upskilling
- Projects
- Export and internationalisation

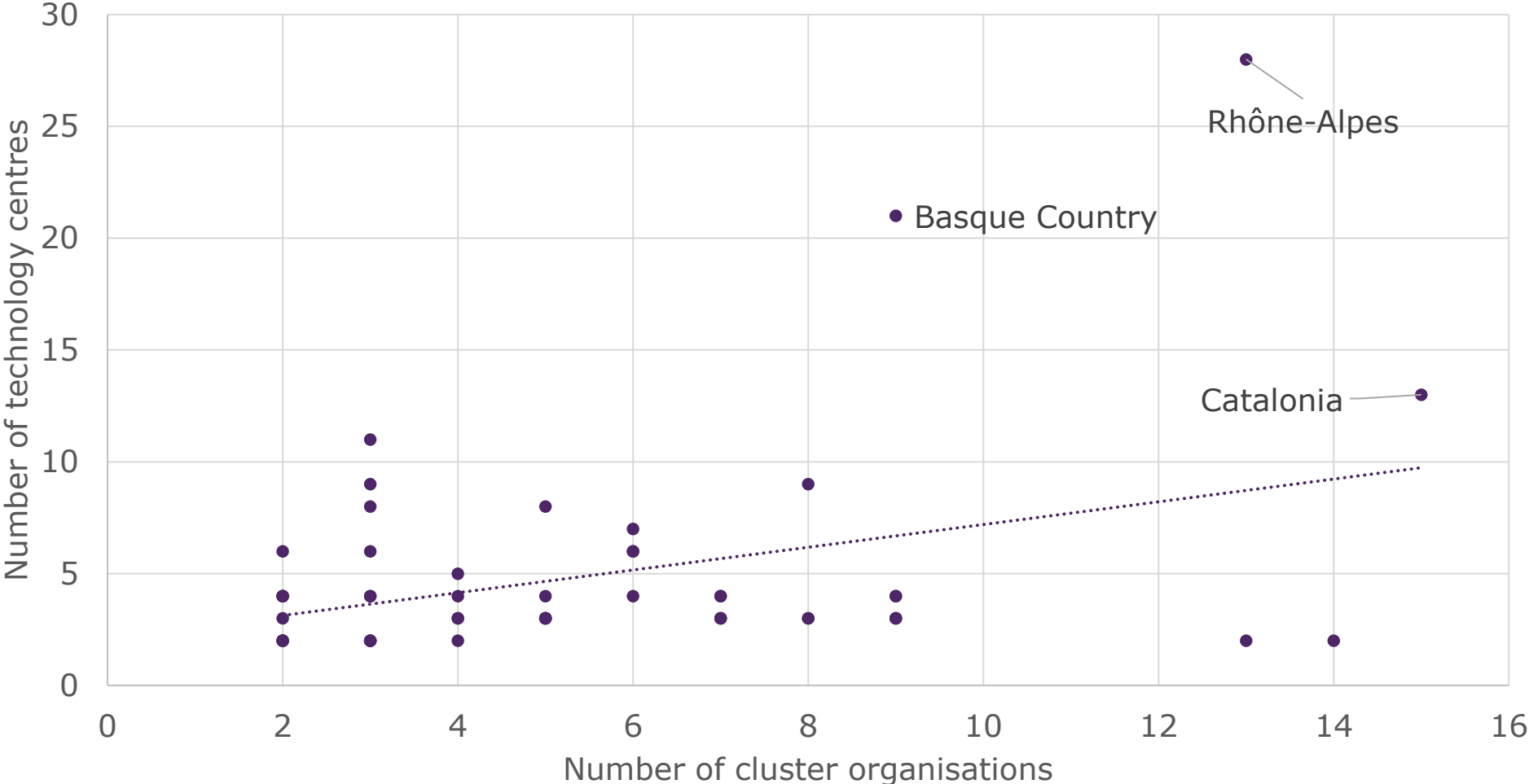


Force Technology is one the largest technology centres in Denmark with expertise in 3D Printing, IoT, photonics and materials, among others.

Collaborative partners in a project on advanced sensor technology systems and photonics funded by the Danish Agency for Higher Education and Science

Benefits of regional co-location

Selected number of technology centres and cluster organisations by region



Mobility industrial ecosystem - Lithuania

Baltic Automotive Components Cluster (BACC) established in 2013 to foster the Lithuanian automotive industry

Continental Automotive Lithuania and KTU:

- Both members of BACC
- Continental signed an **official cooperation agreement** with KTU in 2019

Active collaboration between BACC and the Center for Physical Sciences and Technologies on a project to **foster STEAM education** in Lithuania



Aerospace & defence ecosystem – Italy



Aerospace Technology District (DTA) focuses on advancing aerospace technologies, including unmanned aerial systems (UAS), satellite systems, propulsion and advanced materials

The **European Research Center for Technologies Design and Materials (CETMA)** specialises in materials engineering, computer engineering and industrial design

DTA and CETMA collaborate in following projects:

- **Structural architectures and innovative wing processes:** Optimizing composite materials and manufacturing for regional aircraft wings.
- **Innovative aeronautical supporting structures:** Enhancing aircraft tail structures with advanced materials and smart factory production



Co-location of technology centres and cluster organisations active in mobility ecosystem at national level

Countries such as Germany, France, and Spain that promote knowledge valorisation of digital and green technologies through strong co-location patterns also showcase a strong performance in the mobility, transport, and automotive ecosystem in terms of production, trade and patents

Co-location of technology centres and cluster organisations in mobility, transport, automotive & present in TC mapping and ECCP

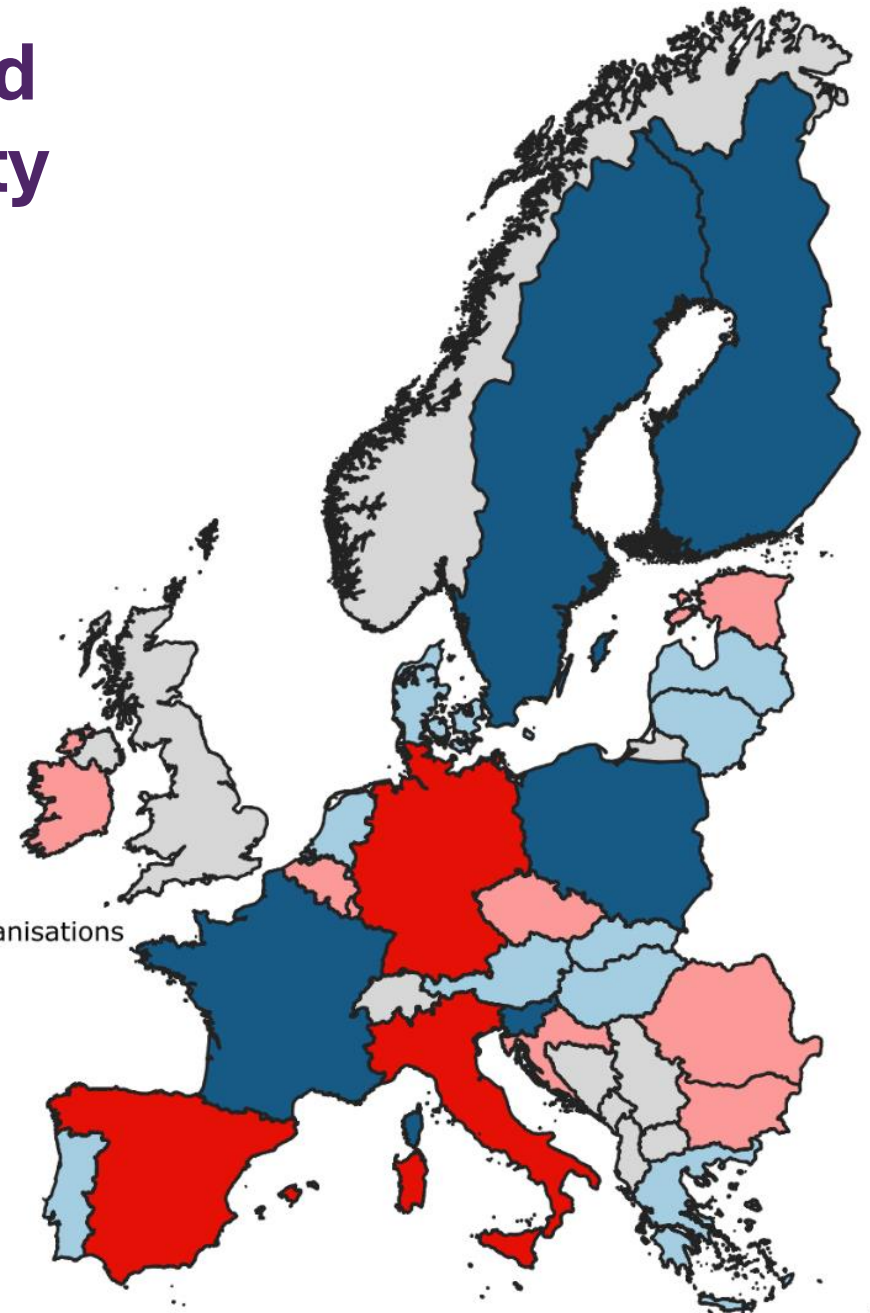
■ No co-location

Co-location with:

■ 1 cluster organisation

■ 2-3 cluster organisations

■ >4 cluster organisations



Mobility ecosystem - France

The **European Cluster for Mobility Solutions** supports the development of passenger and freight transport in the Rhône-Alpes region



Example of collaborations with technology centres include:

- **CEA at CARA Mobility Tech Days:** The French Alternative Energies and Atomic Energy Commission (CEA) showcases its innovations in low-carbon energy, digital technology, and mobility solutions at this event, which brings together technology providers from various transportation sectors
- **Centum TS & CARApower Project:** Centum TS collaborates with CARA on the CARApower project, developing an experimental platform for power electronics to enhance secure and efficient energy production and usage in mobility



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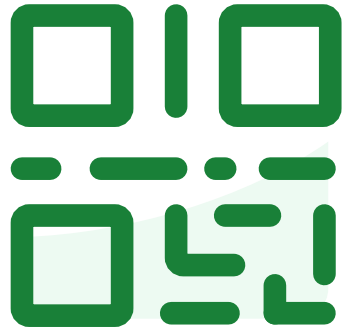
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To what extent do you believe technology centres and clusters are effectively collaborating at present?

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Which technological advancements, industrial challenges, or innovation areas should clusters and technology centres prioritise in their collaboration efforts?

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Panel debate

Inge Arents, Managing Director, Flanders Food

Michal Zemko, Executive Director COMTES FHT and President of Klastř Mechatronika

Kateřina Podaná, Executive Director, Klastř Mechatronika

Braz Costa, General Manager, CITEVE

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Why did you establish your cluster organisation in its current location?

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How important is the geographical proximity between clusters and technology centres?

① Start presenting to display the poll results on this slide.

Panel debate

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In what way do technology centres support your cluster organisation and your members?

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Have you encountered specific challenges when collaborating with technology centres, such as different objectives (e.g., applied versus basic research, infrastructure constraints, etc.)?

① Start presenting to display the poll results on this slide.

FUNDING OPPORTUNITIES

Digital label: one source of comprehensive information for medical technology products

- The aim of this call is to **establish a consensus-based digital labelling framework** for all types and classes of medical devices and in vitro diagnostic medical devices (IVDs).
- **Digital labels** will supplement printed labels, providing structured and interactive information via barcodes, QR codes, RFID, etc. **Digital solutions** should help overcome issues such as limited label space, costly physical updates, regulatory fragmentation, and environmental concerns.
- The project will focus on:
 - **Mapping data elements** that must remain on printed labels vs. those that can be digital.
 - Developing a standardised format for digital medical device information.
 - Conducting usability studies to validate **digital solutions**.
 - **Engaging key stakeholders** (healthcare professionals, patients, regulators) to ensure wide adoption.
 - Generating **policy recommendations** for future EU and international standards.
 - Disseminating knowledge through training materials and **global awareness efforts**.
- Topic ID: HORIZON-JU-IHI-2025-10-01-two-stage
- Deadline: 23 April 2025 and 14 October 2025
- Published on [EU Funding & Tenders Portal](#)

Development and Deployment of Advanced Key Technologies

- The objective of this call is the implementation of **state-of-the-art cybersecurity technologies** to improve threat detection, network monitoring, data protection and incident response and the **development of advanced tools** that leverage automation and artificial intelligence to enhance security capabilities.
- The **Key Digital Technologies** of the project are:
 - Artificial Intelligence (AI) (including generative AI and adversarial AI)
 - Big Data Analytics
 - Quantum Computing
 - Blockchain Technology
 - High-Performance Computing (HPC)
 - Software-Defined Networking (SDN)
- This initiative seeks to **fortify Europe's cybersecurity landscape**, ensuring strategic autonomy, regulatory compliance, and resilience against evolving cyber threats.
- Topic ID: DIGITAL-ECCC-2024-DEPLOY-CYBER-07-KEYTECH
- Deadline: 27 March 2025
- Published on [EU Funding & Tenders Portal](#)

EIC Accelerator 2025 - Short application

- The EIC Accelerator supports SMEs and **start-ups in scaling up high-impact innovations** that have the potential to create new markets or disrupt existing ones. It offers:
 - Funding between €0.5 million and €12.5 million.
 - Business Acceleration Services to facilitate growth and investment.
- The programme particularly targets deep tech innovations that require **long-term funding** ('patient capital') and struggle to secure private investment due to high risks and long return periods.
- Applicants to EIC Accelerator can submit proposals through the following topics:
 - **EIC Accelerator Open** – Open to all fields of technology and application.
 - **EIC Accelerator Challenges** – Focused on strategic and emerging technologies in predefined priority areas.
- The EIC Accelerator looks to support companies where the **EIC support will act as a catalyst** to crowd in other investors necessary for the scale-up of the innovation.
- Topic ID: HORIZON-EIC-2025-ACCELERATOR-01
- Deadline: 18 December 2025
- Published on [EU Funding & Tenders Portal](#)

Opportunities for SMEs: Calls from Euroclusters

- CirInWater Internationalisation 2nd round: **Lump sum** grants offer to individual SME providing water-smart solutions, especially for the agrifood & energy-intensive industries; deadline 12 February 2025.
- INGENIOUS: Training grants to help SMEs improve their digital skills, green transition, resilience preparedness and reskilling and upskilling of the workforce; deadline 14 February 2025.
- POLREC 2nd Networking Open Call: Calls for **Polymer Recycling Industries**; deadline 14 March.
- POLREC 2nd Training Open Call: up to 31 SMEs that will obtain **support on training** in one or maximum 2 of the 3 different sub-topics; deadline 25 February.
- RESIST: 2nd Open Call to participate in **internationalisation activities**, fostering resilience and sustainability in the Automotive – Mobility – Transport ecosystem; deadline 19 February 2025.
- RESIST: **Networking and Marketing activities** to develop more sustainable production tools leading to economic success and resilience improvement in the Automotive – Mobility – Transport ecosystem; deadline 19 February 2025.

Opportunities for SMEs: Calls from Euroclusters

- BLUEDOTS: Open Call for Proposals for Financial Support targeting **Social Economy SMEs** and enabling organizations in the blue sector across Europe; deadline 21 March 2025.
- FRIEND CCI: Call for **providers** in the areas of digitalization and/or green transition and/or services for internationalization; deadline 01 August 2025.

All calls here:

https://www.clustercollaboration.eu/funding?f%5B0%5D=status%3A1_open&f%5B1%5D=type%3A101189

Register for the next Talks

Upcoming dates and topics!

- | | |
|--------------------|--|
| 19 February | <u>Sustainability reporting & sustainability requirements for SMEs</u> |
| 26 February | <u>Building cluster's capacities for developing critical technologies</u> |

Continue the discussion



<https://www.linkedin.com/groups/9503062/>

Visit the ECCP website and follow us on social media



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THANK YOU

