

Agenda – day 1

When	What				
14:00	Welcome to C2Lab				
14:20	Review of challenges: Topics for the project creation				
14:30	Pitching of project ideas				
14:45	Before we get started: What is needed for a good project? Insights on the elements of a project				
15:00	Applying for concrete funding opportunities? Presentation of calls inspirations from Input Papers				
15:30	Coffee break				
15:45	Presentation of the group members. Discussion on project goals guided by facilitators				
17:15	End of Day 1				
17:20	Transport by bus to Hôtel de Région Grand Est				
18:00	Award ceremony "Pôles for Europe"				
19:00	Networking Cocktail after award ceremony				









WELCOME

Christian Deleuze President, Association Française des Pôles de Compétitivité







WELCOME

Hervé Floch CEO, ALPHA-RLH







WELCOME

Christophe Guichard, DG GROW, European Commission







Review of challenges: Topics for the project creation

Antonio Novo President, European Clusters Alliance







Presentation of the ECCP







Insights on the elements of a project

Athanasios Konstandopoulos Chief Scientific Advisor, CHORUS Professor of Chemical Engineering, Aristotle University Thessaloniki, Greece



Before we get started: What is needed for a good project? Insights on the elements of a project

Athanasios G. Konstandopoulos PhD, KLH

Chief Scientific Advisor, CHORUS Cluster
Co-Founder & Senior Partner SYNEST PC
Professor of Chemical Engineering, Aristotle University
Thessaloniki, Greece

agk@auth.gr, agk@sy-nest.com

https://www.linkedin.com/in/athanasios-g-konstandopoulos-b42565a/





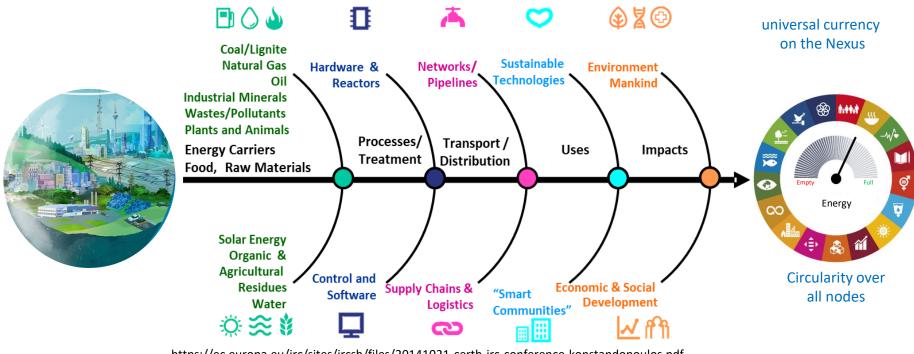
Global Considerations

- Nexus nature of the challenges / Interdependencies
- Need for a holistic/synergetic framework:
 - ✓ Unified view of raw materials, increase local sourcing
 - ✓ Distributed processing, "edge manufacturing", scale-up by modularity
 - ✓ Resilience exploiting network & complexity science for latent potentials /criticalities
 - ✓ Exploit **synergies** to foster sustainable use within **symbiotic** ("smart") communities
 - ✓ Assess multidimensional impacts on environment, society and economy





The Resource NEXUS: sustainability, resilience and project building



https://ec.europa.eu/jrc/sites/jrcsh/files/20141021-certh-jrc-conference-konstandopoulos.pdf

- Unified view of raw materials, increase local sourcing
- **Distributed** processing, "edge manufacturing", scale-up by **modularity**
- Networks & complexity science, latent potentials /criticalities, resilience
- Exploit synergies to foster sustainable use within symbiotic ("smart") communities
- Assess multidimensional impacts on environment, society and economy







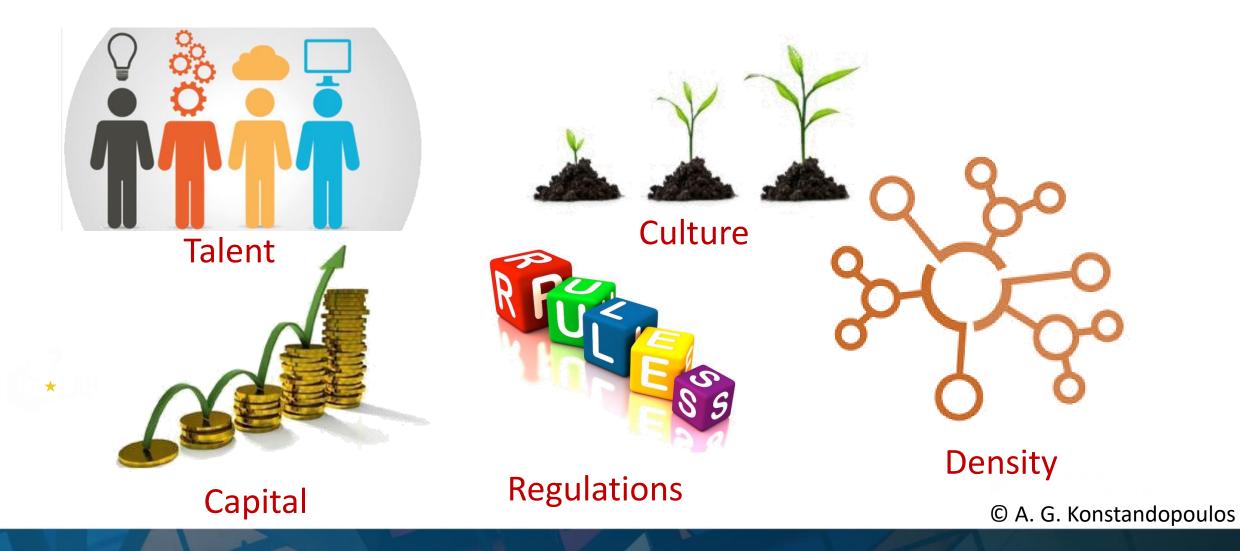
From Idea to Project

"valley of death" € Project Amount Invested Idea Time



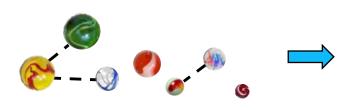


Determinants of Success...

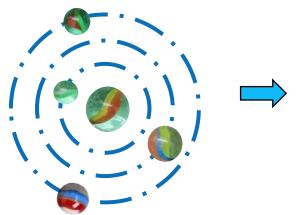


Transitions/Evolution of Organizations

Stage 1: Islands of Excellence (driven by individuality)



Stage 2: Centers of Competence (driven by specialization)



- Clusters
- Industrial Associations



Municipal Authorities

Stage 3: Co-Evolving Ecosystems (driven by synergy)



Meta-organizations (e.g. Cluster Networks)



- Regional Authorities
- Government

© A. G. Konstandopoulos



Companies



Public Sector

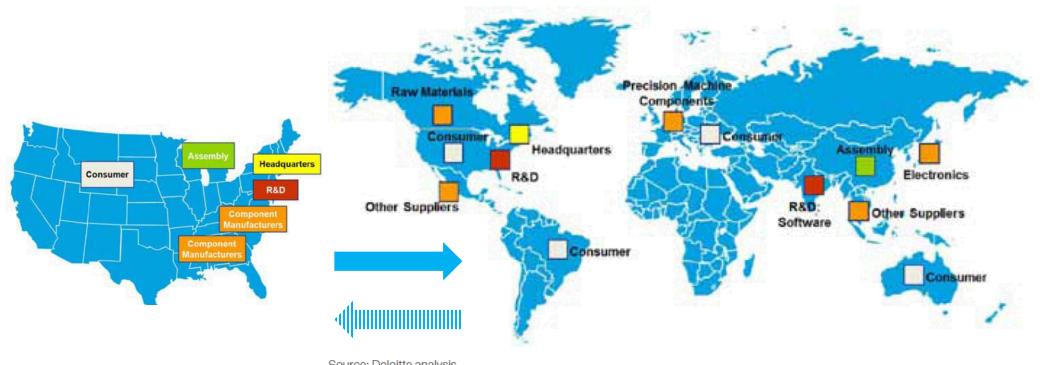
Individual Agencies/Offices





Globalization Reversing...

Global Sourcing of Value Chain Used to Offer Opportunities to All Countries but Trend is Reversing...



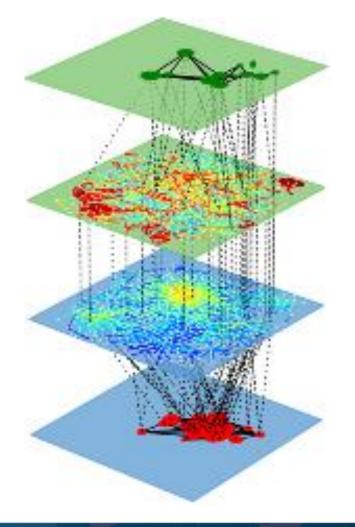
Source: Deloitte analysis

© A. G. Konstandopoulos





Synergies over Multiple Domains



Entrepreneurship

Innovation

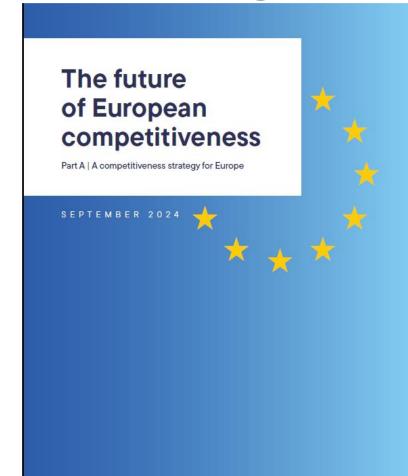
Research

Education





The Draghi Report Recommendations



Horizontal Policy	Cluster Contribution
Accelerating innovation	Facilitate collaborative research and development (R&D) across industries to foster cross-border innovation.
Closing the skills gap	Provide training and reskilling platforms that align with sector-specific needs for both digital and green skills.
Sustaining investment	Develop investment ecosystems that bring together financial institutions and businesses within clusters to drive private investment.
Revamping competition	Encourage partnerships between large companies and SMEs to foster innovation while maintaining competitive dynamics.
Strengthening governance	Establish cluster-led governance models that streamline decision-making and foster efficient collaboration across industries.





The Draghi Report Sectoral Policies



Sectoral Policy	Cluster Contribution
Energy	Clusters drive the development of local renewable energy projects and foster cross-industry collaboration for energy efficiency solutions.
Critical Raw Materials	Clusters help establish regional value chains for critical raw materials, supporting recycling, sustainable mining, and innovation.
Digitalisation and Advanced Technologies	Clusters support digital technology development and adoption across sectors, including AI, IoT, and cloud computing, improving efficiency and competitiveness.
Semiconductors	Clusters foster collaboration between semiconductor manufacturers and research institutions, driving innovation and expanding Europe's semiconductor industry.

The Draghi Report Sectoral Policies



Sectoral Policy	Cluster Contribution
Energy-intensive industries	Clusters unite industries to innovate in reducing carbon emissions, sharing best practices in energy-efficient technologies and processes.
Clean Technologies	Clusters facilitate the commercialization and adoption of clean technologies, helping innovators connect with manufacturers to scale up solutions.
Automotive	Automotive clusters lead the transition to electric vehicles and smart mobility, promoting innovation in sustainable transport technologies.
Defence	Defence clusters enhance R&D, manufacturing, and cooperation in critical defence technologies, boosting Europe's security and autonomy.

The Draghi Report Sectoral Policies

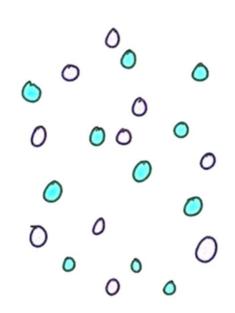


Sectoral Policy	Cluster Contribution
Space	Space clusters facilitate collaboration in satellite technology and space exploration, driving advancements in Europe's space industry.
Pharma	Pharma clusters promote cooperation between biotech companies and research institutions to drive innovation in drug development and production.

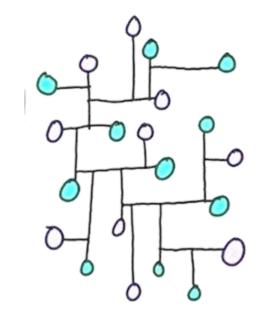
Actors, Roles, Resources, Relations



Actors and Roles



Resources (aka "Data")



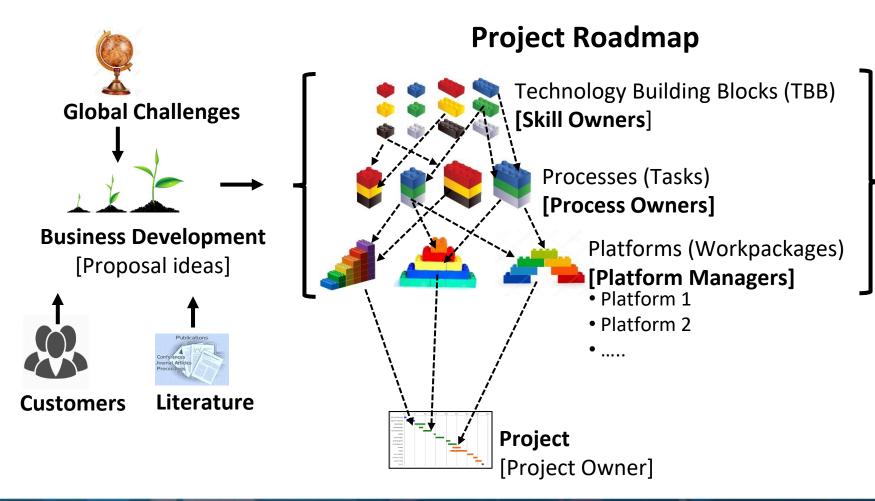
Relations (aka "Knowledge")

© A. G. Konstandopoulos





Project Creation Methodology



Operations

- Engagement of Actors
- Procurement of Resources
- Define Metrics/KPIs
- Funding sources

© A. G. Konstandopoulos





Project Creation Methodology

- Initial interactive discussion on questions posed by the moderator
- Writing and visualisation of the ideas and proposals in a large screen
- Search of points of convergence, synergies, syntheses and new proposals (mapping on the resource nexus)





Project Canvas

C2Lab STRASBOURG Project Canvas

Project:	Motivatio	n:	

Participants:	Goals:	Users:	Activities & Delivera	Assumptions:	Single innovative Ch	Economic Impact:
List the team	Indicate the primary	List the users of the	List the types of	Indicate the general	Also known as	Also known as
members,	objectives of the	product or service	tasks and actions	assumptions the	Unfair Advantage.	Revenue Streams.
		User Benefits:				Environmental,
		Show the overall				Where exactly the

Constraints:

Risks:		
Identify possible future events		
without unknown outcomes		
that could have a negative		
impact on the project. Also		
indicate posssible mitigation		
measures for each if nossible		

Milestones:List the key dates and events that frame the overall timeline of the project.

Identify the limits and conditional requirements that directly affect the deliverables, activities or project as a whole.

Indicate the breadth of the product or service to be included for considration for this project, including what is out of scope.

Scope:









Pitching of project ideas



TOPICS (first approach)

- Meta clustering
- Interregional investments:
- Mobility
- Health
- Construction
- Your own project idea







Presentation of calls inspirations from Input Papers

Romain Bouttier EISMEA, European Comission





C2LAB STRASBOURG FUNDING OPPORTUNITIES

Romain Bouttier

Project adviser - EISMEA



innovation made in Europe



EISMEA in numbers

EISMEA



From ideas to global markets: Innovation made in Europe

EISMEA IN NUMBERS







Implements parts of **3 programmes**:

- · Horizon Europe: European Innovation Council (EIC) and European Innovation Ecosystems (EIE)
- Single Market Programme (SMP): Consumer Objective, SME Pillar and Internal Market & Support to Standardisation
- European Regional Development (ERDF): Interregional Innovation Initiatives (i3)

Responsible for managing:

Responsible for selecting:

2000 projects

77 companies that will receive

EUR 2 billion of EU funds

up to EUR 521 million of investments



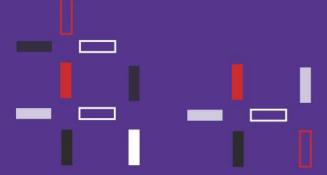


The EIC aims to identify and support breakthrough technologies and game changing innovations to create new markets and scale up internationally

European Innovation Council

Horizon Europe Pillar III

Innovative Europe





EIC PRIZES

- Women innovators •
- Capital of innovation •
- Innovation procurement
 - Social innovation o
 - Horizon o
- Humanitarian Innovation o







SEAL OF EXCELLENCE

Fast track to other funding





EIC ACCELERATOR SERVICES

- Mentors, coaches
- Global partners
- Innovation ecosystems
- EIC Community Platform

EIC ACCELERATOR

- For single companies
- o Grants up to €2.5 million
- Equity up to €15 million or above
- To enter the market & scale-up (TRL 6-9)













- For consortia & single companies
- Grants up to €2.5 million
- To develop business cases (TRL 4-6)





- For consortia
- o Grants up to €4 million
- To research technology breakthroughs (TRL 1-4)





EIC main calls in 2024 - overview



Open and Challenges Accelerator ~€375m Open 13 March 2024 (~grant/equity) ~€300m 3 October 2024 Challenges



(~grant/equity)

Open Transition 18 September 2024 ~€94m

EIC Accelerator - Calls



١		

Human Centric	Generative AI made in Europe	€ 50 million
I Iuliiali Cellulc	deficiative Al Illade III Ediobe	

Enabling virtual worlds and augmented interaction in high-impact € 50 million applications to support the realisation of Industry 5.0

Enabling the smart edge and quantum technology components € 50 million

Food from precision fermentation and algae € 50 million

Monoclonal antibody-based therapeutics for new variants of € 50 million emerging viruses

Renewable energy sources and the whole value chain including € 50 million materials development and recycling of components

Indicative call budget

€ 300 million

EIC BUSINESS ACCELERATOR PROCESS

Step 1



IDEA PRESENTATION

 Applicants have a disruptive / deep tech idea with a potential to scale up.
 Submissions of short proposals are possible at any time. Evaluation by remote evaluators within 4 weeks.



Step 2

SUBMISSION

- Successful step 1 applicants submit their full proposal to regular cut-off deadlines, to be assessed by remote evaluators.
- To help you draft your full proposal, you will be entitled to receive 3 days of remote coaching from the EIC Business Acceleration Services.





PITCH

- Successful Step 2 applicants will pitch their innovation in front of EIC Jury Members. If selected, applicants will be awarded funding.
- If not selected, applicants will be awarded a Seal of Excellence to help you secure funding from other sources as well as get support from EIC Business Acceleration Services.



European Innovation Ecosystems (EIE)

Connect

- Enhancing cross-border network connectivity and inter-regional collaboration.
- Creating regional innovation valleys and stimulating experimentation practices to advance the New European Innovation Agenda.

This destination includes WomenTechEU, Startup Europe initiative and more.

Scale up

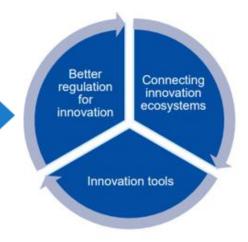
- Accelerate the scalability potential in Europe and boost network connectivity within innovation ecosystems.

This destination is part of the 2021-2022 EIE Work Programme.

Innovative SMEs

 Help innovative SMEs increase their R&I capacity and productivity.

Supporting SMEs to embed in global markets through the European Partnership on Innovative SMEs.





EIE WP23-24 overview



Connected & efficient innovation ecosystems

- Support the scaling of companies
- Encourage innovation
- Stimulate cooperation among national, regional & local innovation actors



Expected impacts

- ✓ Interconnected, inclusive & efficient innovation ecosystems across Europe
- ✓ Elevated scalability potential of business
- ✓ Innovative SMEs growth accessing markets & embedding in global value chains



Mostly CSAs and Co-fund actions, biannual WPs



EUR 527 million (2021-2027)



All ecosystem actors



EIE actions in support of the New European Innovation Agenda (NEIA)

Funding for deep tech scale-ups

- Startup Europe

Improving policy making tools

- The EIC Forum

Fostering, attracting and retaining deep tech talent

- Organisation of the Women TechEU Scheme
- Expanding academiaenterprise collaboration

Enabling deep tech innovation through experimentation spaces and public procurement

- -Stimulating Experimentation Practices
- -Specialist Advisory Services to build capacities on innovation procurement

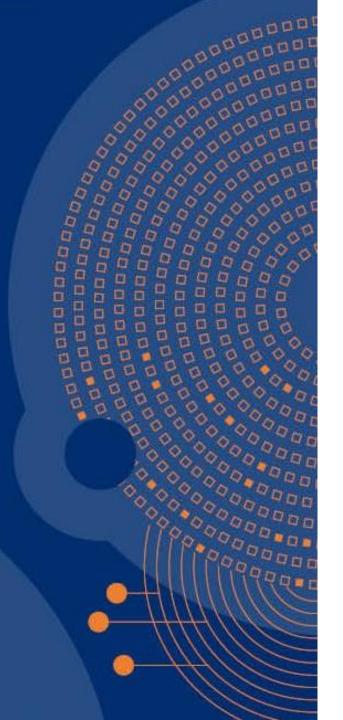
Accelerating and strengthening innovation in European Innovation Ecosystems across the EU and addressing the innovation divide

- -Preparatory action for setting up joint programmes among innovation ecosystems actors
- Regional Innovation Valleys initiative
- -The AU-EU Innovation Platform





Strengthening Innovation in Europe's regions #EU_I3



Interregional innovation investment pillar (European Regional Development Fund)

- Supporting interregional innovation projects in their commercialisation
- Scale-up phases giving them the tools to overcome regulatory and other barriers
- Bring their project to investment level.



2021-2027

Cohesion Policy: € 392 billion

Smarter Europe PO1: € 73 billion for innovation and digital transition

INTERREG

€ 10 billion

I3 INSTRUMENT

€ 570 million



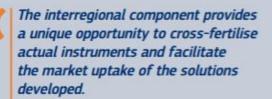
Interregional Innovation Investments (I3) Instrument



INTERREGIONAL

Creating links between EU regions around shared or complementary smart specialisation (S3) areas and involving all components of the regional or national innovation ecosystems

Supporting the development of value chains in less developed regions



Myriam Martin, HealthChain project

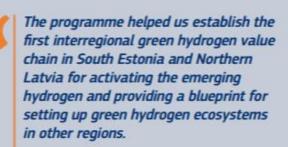


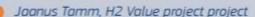
INNOVATION

Testing, demonstration, piloting, large-scale product validation and market replication, adaptation of existing prototypes

Accelerating innovation, bringing innovative solutions and new products in:

- Digital transition
- Green transition
- Smart manufacturing





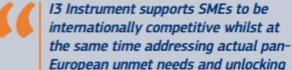


INVESTMENTS

Financial and advisory support for joint innovation projects

Smart economic transformation by moving from investment ideas to actual implementation

Direct investment to companies (mainly SMEs)



cross-sectoral and inter-regional markets.

Magnus Wallengren, Digit Pre project



Smart Specialisation Thematic Platforms and Partnerships

S3 Thematic Platforms

Agri-food

Industrial modernisation

Energy

Sustainable Blue Economy

- Mission: To initiate and explore new value chains in specific priority areas.
- Actors: committed regions, cluster organisations, innovation agencies, businesses and innovation actors as well as civil society (quadruple helix).
- Building on a range of concrete initiatives and interregional collaborations (e.g. I3 projects)
- Partnerships (TSSPs): Initiate and explore new value chains in specific priority areas





THEMATIC AREAS

STRANDS



Strand 1 | support for investments in interregional innovation projects in shared smart specialisation areas



Strand 2a | support for investments in interregional innovation projects for the development of value chains in less developed regions



Strand 2b | Capacity building for the development of value chains in less developed regions

Technical assistance & experimentation



13 Instrument Overview & Achievements

Calls Launched:

- **Nov 2021:** Innovation Support 2 calls: Strands 1&2a
- **Dec 2022:** Capacity Building Strand 2b
- **May 2023:** Innovation Support 2 calls Strands 1&2a



III Upcoming Calls:

- **2024**: new calls for Strands 1&2a, closing: 5 December 2024
- **2024**: second cut-off for Strand 2b, closing: 14 November 2024

Achievements:

- **34 running projects:** Granted from the 2021 & 2022 calls (with an average consortium size exceeding 14 partners)
- **€133M:** Funds allocated for innovation investment projects
- €13M: Funds allocated for interregional innovations capacity-building (9 projects)
- >800 participants from almost all EU countries applied for May 2023 calls, with nearly 50 proposals submitted





The Single Market Programme supports a well-functionning, sustainable internal market

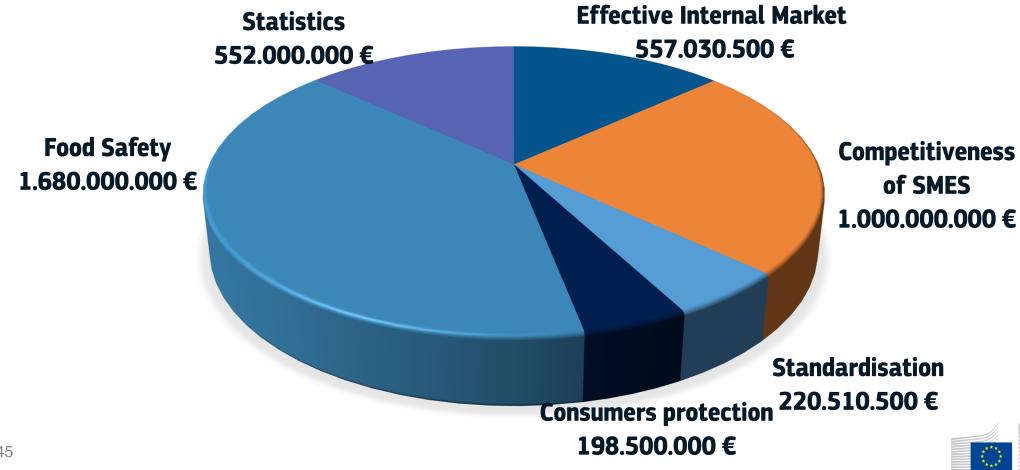
Single Market Programme (SMP)

Better access to markets and a business environment, entrepreneurship, standardisation, sustainability of enterprises, consumers, with actions including:



SMP budget

Total budget: **EUR 4 208 041 000** (2021-27)



SME Pillar

The SME pillar aims to provide various forms of support to businesses and especially SMEs:

- Facilitate market access and reduce administrative burden;
- Support the uptake of innovation and addressing global and societal challenges;
- Foster a favorable business environment and entrepreneurial culture.



SME Pillar flagship initiatives













European Commission

Clusters

Cluster conference

2-days conference and side events in Brussels, Q2 2024

No. of participants: more than 500

European Cluster Collaboration Platform ECCP

The European online hub for industry clusters. Our services aim to help strengthen the industrial ecosystems from all different angles

COLLABORATION

Strengthening of the network, and increase in the exchange of knowledge and information amongst the European clusters

CAPACITY

Increasing awareness by gaining knowledge from experts and peers and sharing experiences

DATA & POLICY

Enhancing the ECCP website functionality, support in green transition and access to the national Cluster policies globally

PLATFORM & COMMUNITY

Marketing, outreach and promotion

Euroclusters

What

30 projects that will help in the implementation of the updated industrial strategy (**green**, **digital**, **resilient**)

Who

Consortia of cluster organisations or their EU networks teaming up with other types of organisations supporting green and digital transition and building social and economic resilience

How

Through creating **vital collaboration networks** at EUlevel and developing and
implementing supporting
measures for SMEs

How much

Total Budget: EUR 42M

Max. grant amount: EUR 1,4M

Duration: up to 3 years

Start: 1 September 2022



SMP WP2024 Euroclusters II call

Objective

Support implementation of the Green Deal Industrial Plan for the Net-Zero Age as well as REPowerEU Plan

For whom

Consortia of cluster organisations teaming up with Qhelix actors

When

- Publication: Q3-Q4 2024
- Start of action: Q3 2025

How

Activities:

- improve the resilience of EU industrial ecosystems;
- build industrial capacity to ensure that strategic dependencies do not put the green and digital transition at risk;
- foster up- and reskilling;
- reconnect and boost access to global supply and value chains.

How much

Total call budget is 42 000 000

90% co-funding + 100% for FSTP

Funding & Tenders Portal: EU calls and EU funded cascade calls

- All calls for proposals are published in the <u>F&T portal</u>
- Each call has a dedicated webpage in the F&T Portal
- The Online Manual contains all the guidance needed to apply to a call.
- The <u>IT Helpdesk</u> can be contacted to solve issues related to the submission tools.
- Before applying, your organisation needs to be registered in the <u>Participant Register</u> and receive a Partner Identification Code (PIC)



Application through Funding & Tenders Portal

Step 1: Visit the Funding & Tenders Portal



Discover the funding & tenders opportunities

Find out how to participate by following these key steps.

Find calls for proposals

Explore the available EU funding opportunities by searching for calls for proposals within your topics of interest, find partners and submit a proposal.

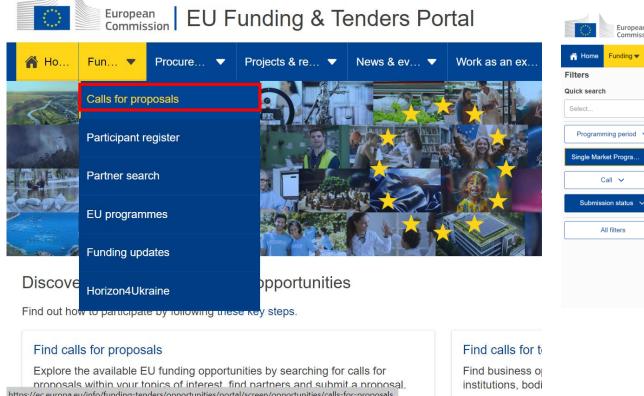
Find calls for tenders

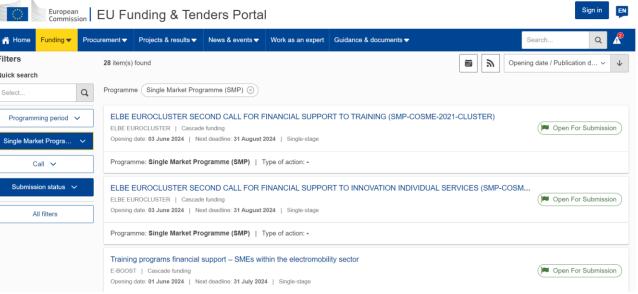
Find business opportunities in the calls for tenders managed by EU institutions, bodies and agencies.



Application through Funding & Tenders Portal

Step 2: Go to Funding and select Calls for proposals

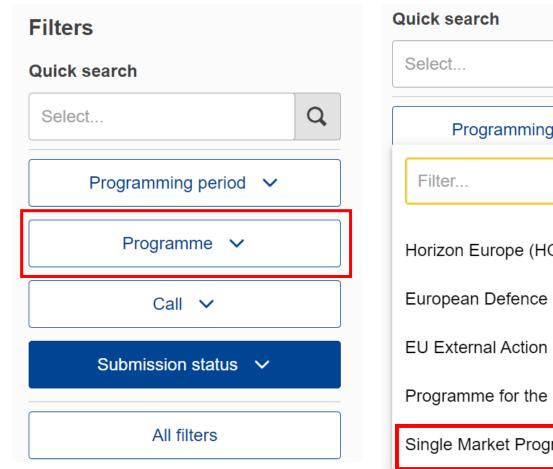


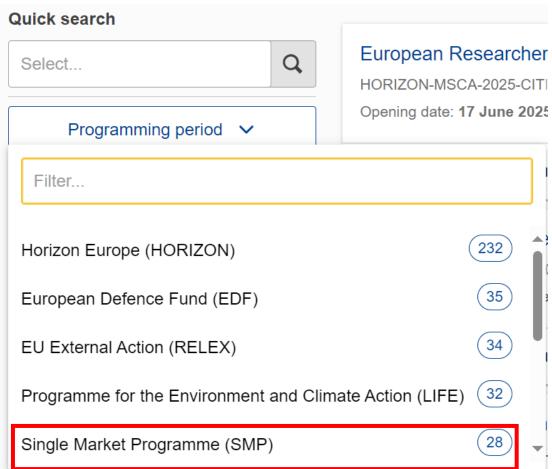


European Commission

Application through Funding & Tenders Portal

Step 3: Select Single Market Programme under Programme







Funding opportunities

Step 1: Visit EISMEA website

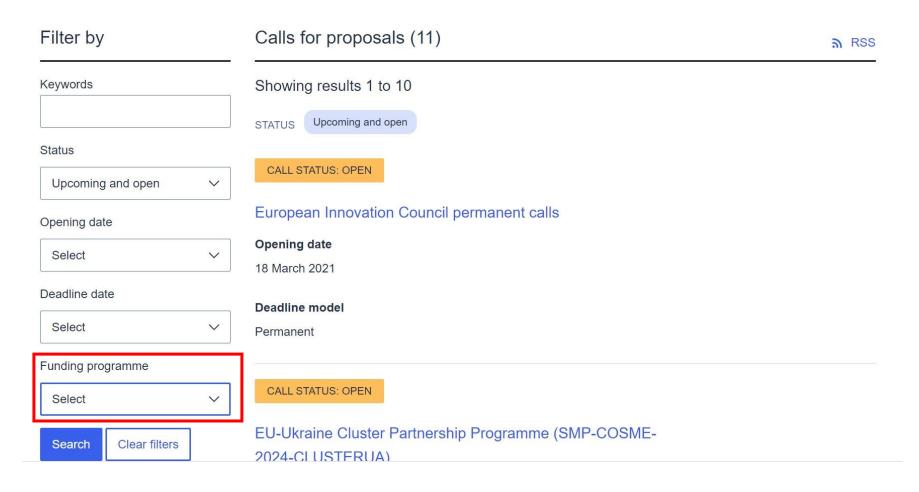


Step 2: Select Funding Opportunities and Calls for proposals



Funding opportunities

Step 3: Use the filter options to find the programme suited for you





Using the ECCP Platform most effectively

- Share your updates in the <u>latest news</u> section
- Discover other clusters & expand your network using the <u>cluster mapping tool</u>
- Explore upcoming ECCP & Community events



- Learn about open calls & funding opportunities
- Access the knowledge hub (publications, policy toolkit, Green Transition Support)



ECCP Cluster Booster Academy

Objective

Opportunity to further develop cluster manager skills and learn from each other's experiences

For whom

For cluster managers

Format

- 3 days of online training sessions:
- o November 06: from 10 AM to 2 PM CET
- o November 11: from 10 AM to 2 PM CET
- November 15: from 10 AM to 2 PM CET
- 1 coaching session to be scheduled individually
- 2 days of in-person training sessions: March 03-04, 2025, hosted at the Warsaw University of Technology,

Link to apply: Call for Applications: 4th Cluster Booster
Academy | European Cluster Collaboration Platform

Deadline to apply: 17/10/24

Communications Tools

Newsletter

- EC DG GROW Newsletters
- <u>ECCP newsletters</u> (success stories, interviews, latest activities, calls for collaboration)
- EIC newsletters

Social Media

- EISMEA Social Media: <u>Twitter</u> & <u>LinkedIn</u>
- ECCP Social Media: <u>Twitter</u> & <u>LinkedIn</u>





Thank you for listening





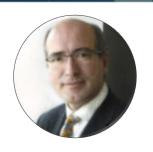


COFFE BREAK





Facilitators for the working groups



Antonio Novo, European Clusters Alliance



Athanasios Konstandopoulos, CHORUS FREE GROUP



Clotilde Nadé, Vehicule du Futur

MOBILITY



Cyril Momplot, BUILD&CONNECT

CONSTRUCTION



Daniel Cosnita, InPulse

METACLUSTERING



Kristina Šermukšnytė-Alešiūnienė, AgriFood Lithuania **METACLUSTERING**



Géraldine Quetin, AFPC **CAFEIN**



Laura Leydinger, Pôle BioValley **HEALTH**



Laure Quintin, Minalogic

METACLUSTERING



Pauline Capus, AFPC *CAFEIN*





WORKING GROUPS

FACILITATOR	GROUP	ROOM	FLOOR
Antonio Novo	13	TOP FLOOR	2
Athanasios Konstandopoulos	FREE GROUP	ZELL	1
Clotilde Nadé	MOBILITY	SIMONE VEIL - RIGHT	-1
Cyril Momplot	CONSTRUCTION	SIMONE VEIL - LEFT	-1
Daniel Cosnita	METACLUSTERING	ZELL 2 1	1
Kristina Šermukšnytė-Alešiūnienė	METACLUSTERING	ZELL 2	1
Géraldine Quetin and Pauline Capus	CAFEIN	TULLIO VINAY	1
Laura Leydinger	HEALTH	SIMONE VEIL – LEFT	-1
Laure Quintin	METACLUSTERING	ZELL 2	1



WORKING GROUPS







Agenda – day 2

When	What
9:00	Welcome to day 2 and review of previous day's discussions
9:15	Working groups guided by facilitators
11:00	Coffee break
11:15	Working groups guided by facilitators
13:00	Lunch break
14:00	Presentation of working group results
15:30	Filling in feedback survey Closing remarks
16:00	End of Day 2









WELCOME

Antonio Novo President, European Clusters Alliance





First day's summary



LAB













COFFE BREAK

















LUNCH BREAK







PRESENTATION OF WORKING GROUPS RESULTS







FEEDBACK SURVEY









CLOSING REMARKS

Hervé Floch & Laure Quintin Association Française des Pôles de Compétitivité







Closing remarks

Romain Bouttier EISMEA, European Comission



Stay in contact via the C2Lab group



C2Lab Community Discussion Group

Boost your collaboration with other clusters to stimulate and scale-up inter-regional cooperation in new cross-border value chains.

This group is open to everyone who is registered on the ECCP platform and interested in C2Lab.

Join now!

LinkedIn: C2LAB - ECCP Discussion Group







www.clustercollaboration.eu

















