



Innovate  
UK

# **EUREKA Programme: Information Webinar 9 November 2023**

# Welcome

Innovate UK

# WELCOME!

## EUREKA Network: UK Briefing on Eurostars & Clusters

### Housekeeping

- All participants will be muted.
- Remember to connect your audio by using the “Join Audio” icon at the bottom left of the screen.
- If you have any technical problems, use the chat to get advice from Michael Foster
- Slides and recordings will be distributed to delegates and available in the same page you register  
<https://iuk.ktn-uk.org/events/eureka-programme-overview-information-webinar/>

### Creating EUREKA! connections

- Use the chat to introduce yourself: name, organization, interest in the EUREKA Network activities and funding programmes
- Use the Q&A function. We will pick them up at “Q&A session”.

# Agenda

Time (UK timings)		Speakers
13:30	Welcome and aims of the day	Belen Rebollo - Knowledge Transfer Manager, Innovate UK KTN
13:40	Innovate UK - European portfolio and EUREKA	Ewa Bloch - Head of Europe, Innovate UK
13:50	Overview of Eureka and Clusters	Linden Farrer - Clusters Coordinator, EUREKA Network
14:05	Eurostars Programme	Teresa Sarametta, European Portfolio Specialist, Innovate UK
14:20	Q&A	
14:30	BREAK	
14:40	Support for UK applicants: Travel awards	Belen Rebollo - Knowledge Transfer Manager, Innovate UK KTN
14:50	EUREKA Cluster parallel sessions:	
	ITEA	ITEA: Linda Van den Borne & Ozgun Algin (for IUK: Teresa Sarametta & Belen Rebollo)
	SMART	SMART: Aritz Arteché (for IUK: Paul Bello)
	Xecs	Xecs: Patrick Cogez (for IUK: Iain Mauchline)
	Celtic Next	Celtic Next: Xavier Priem (for IUK: Tom Kirkham)
	Eurogia	Eurogia: Sinem Altuncu & Niccolò Cividini (for IUK: Clara King & Ben Morris)
15:35	Next steps & Key Dates	Ewa Bloch - Head of Europe, Innovate UK
15:45	CLOSE	





# WELCOME!

**EUREKA Network:  
UK Briefing on Eurostars &  
Clusters**

# BREAK

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# Innovate UK KTN – European Programmes Activity and support



**Belen Rebollo-Garcia**  
**Knowledge Transfer Manager**

[belen.rebollo-Garcia@iuk.ktn-uk.org](mailto:belen.rebollo-Garcia@iuk.ktn-uk.org)





# Global Alliance: European Programmes

We support UK organisations in **engaging with International R&I** initiatives:

- ◆ Horizon Europe
- ◆ EUREKA
- ◆ UK-European R&I Bilateral calls

Innovate UK KTN – European Programmes Team **activities**:

- ◆ Organising consortium building activities / events in selected topics
- ◆ Offering “Travel Grants” to attend selected European brokerage events and activities.
- ◆ Collaborating with European initiatives: European working groups, technology platforms, etc..
- ◆ Working with our sectors teams to embed internationalization in the UK innovation networks



We work closely with the National Contact Points (NCPs), Innovate UK EDGE and FCDO.





**Innovate UK KTN** exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.

## Cross-Sector Expertise

Agrifood

Biotechnology

Chemistry

Creative Industries

Design

Digital

Electronics

Energy

Geospatial

Health

Industrial Maths

Infrastructure

Manufacturing

Materials

Photonics

Quantum

Robotics & AI

Security & Defence

Sensors

Space

Transport

Water



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KTN

# Travel Support Awards: EUREKA POs

## Objectives:

- Support attendance of UK based R&D performing SMEs to the EUREKA PO Days
- Increase engagement with potential EUREKA partners

## Terms & Conditions:

- A maximum of £700 for attending the specific event. Only 1 representative per SME.
- Applicants awarded travel support must:
  - register for the event, book and pay for their travel
  - submit their “Travel claim” in line with KTN travel policy

## Participant’s Support:

Follow up with awardees:

- Follow up surgeries with KTN European Programmes Team to monitor progression to PO submission
- Awardees submit “Feedback Form” reporting on progress



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KTN

# Travel Support Awards: EUREKA POs

- Application
- Evaluation
- Support



— 31/08/2023

## Travel support for UK businesses to attend European events – Apply now!

Up to £700 is available for UK-based R&D SMEs to attend a European event!

[Read more](#) >

## Our Experts

### Jane Watkins

Regional Lead – European Programmes

[Contact Jane Watkins](#)



### Belen Rebollo-Garcia

Knowledge Transfer Manager – European Programmes

[Contact Belen Rebollo-Garcia](#)



### Veronika Barankova

Project Coordinator – Global Alliance

[Contact Veronika Barankova](#)



### Jo Gosling

Knowledge Transfer Manager – European Programmes

Horizon Europe  
[Contact Jo Gosling](#)



Innovate UK  
KTN



# Cluster Parallel Sessions

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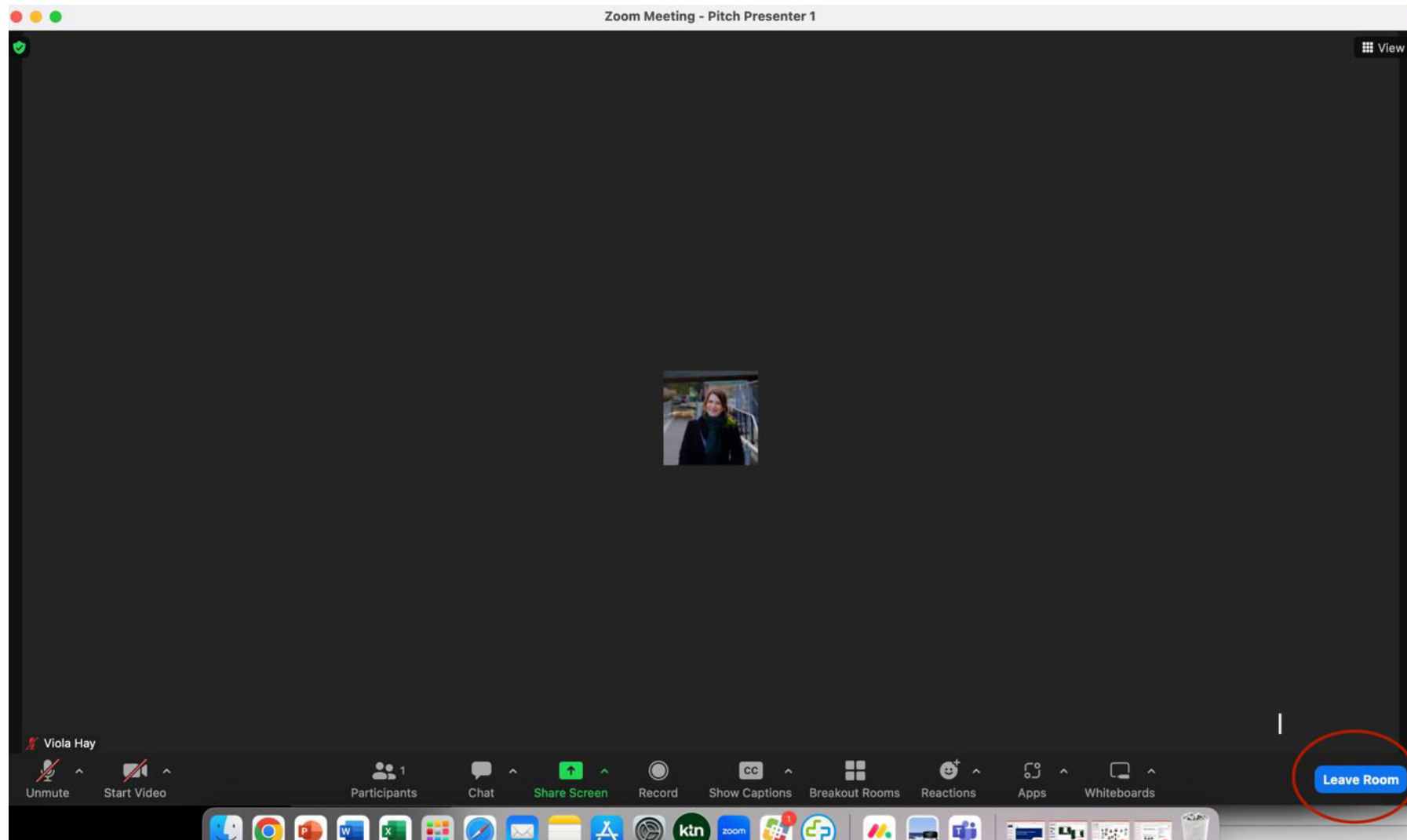
# How to JOIN a breakout room

The screenshot displays a Zoom meeting interface. A central panel titled "Rooms(12)" and "Participants(0)" lists several breakout rooms, each with a "Join" button. The "Join" button for "Pitch Presenter 1" is circled in red. At the bottom of the screen, a toolbar contains various controls, with the "Breakout Rooms" button (represented by a 2x2 grid icon) also circled in red. Other visible controls include Unmute, Start Video, Security, Participants, Chat, Share Screen, Polls/Quizzes, Record, Show Captions, Reactions, Apps, Whiteboards, and End.

Room Name	Participants	Action
Pitch Presenter 1	0	Join
Pitch Presenter 2	0	Join
Pitch Presenter 3	0	Join
Pitch Presenter 4	0	Join
Pitch Presenter 5	0	Join
Pitch Presenter 6	0	Join
Pitch Presenter 7	0	Join
Pitch Presenter 8	0	Join
SIN Team	0	Join
Conall McGinley	0	Join
Hydrogen Innovation Network	0	Join
Room 12	0	Join

# How to LEAVE a breakout room

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# Key Dates and messages

# EUREKA Clusters: Key Dates & messages

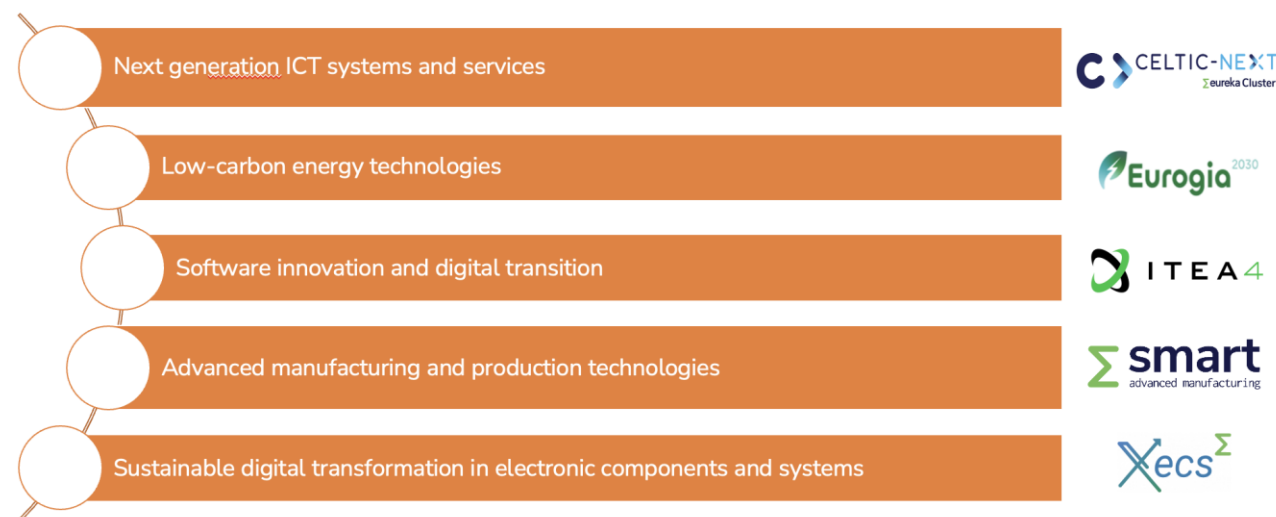
- **CELTIC-NEXT**
  - Autumn 2023 deadline: 10 Nov 2023
  - Spring 2024 Call opens: Dec 2023 / deadline: Apr/May 2024 (tbc)
- **Eurogia2030**
  - Call 24 deadline: 24 Nov 2023
  - Call 25 opens: Jan 2024 / deadline: Mar 2024 (tbc)
- **ITEA**
  - Call 2023 deadline: 13 Nov 2023
- **Smart**
  - 7<sup>th</sup> Call deadline: 22 Jan 2024
- **Xecs**
  - 3<sup>rd</sup> Call deadline: 18 Jan 2024

<https://www.eurekanetwork.org/open-calls/?programme=clusters>

Eureka support in the UK: [eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)

European Travel Awards for UK Innovative SMEs to attend PO Days (Matchmaking Days): <https://iuk.ktn-uk.org/news/travel-support-now-available/>


## The Clusters Programme - strategic technology areas







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**Innovation beyond borders**

We are the world's biggest public network for international cooperation in R&D and innovation, present in over 45 countries.


[Eureka in your country](#)

What we do for you

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[News/Blog](#) **[Events](#)**

### Event Listing




**Webinar for UK applicants**

FROM 9 NOVEMBER 2023 TO 9 NOVEMBER 2023

📍 Online

[Visit the website](#)

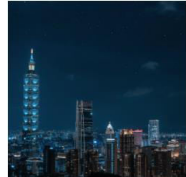


**Eureka Info Day Luxembourg**

FROM 14 NOVEMBER 2023 TO 14 NOVEMBER 2023

📍 Chamber of Commerce 7, Rue Alcide de Gasperi Kirchberg

[Visit the website](#)




**Webinar on Globalstars call for projects with Taiwan**

FROM 15 NOVEMBER 2023 TO 15 NOVEMBER 2023

📍 Online

[Visit the website](#)



**SMART PO Proposers' Day**

FROM 23 NOVEMBER 2023 TO 23 NOVEMBER 2023

📍 San Sebastian, Spain

[Visit the website](#)

# Aritz Arteche

SMART

# **7th Call EUREKA SMART Cluster In Advanced Manufacturing webinar**

09 november 2023

Aritz Arteche (Programme Coordinator)

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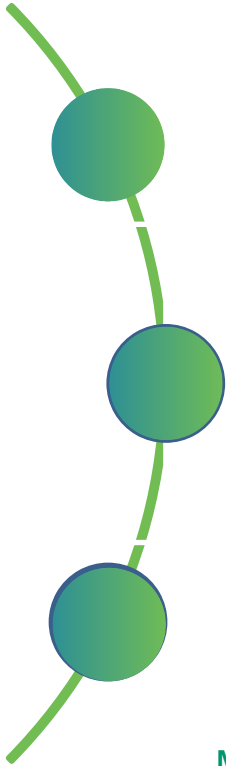
# Eureka

The world's biggest public network - over 45 countries also including Canada, Chile, Israel, Singapore, South Africa and South Korea

International RD&I collaboration enables Eureka countries to tackle global challenge and increase competitiveness

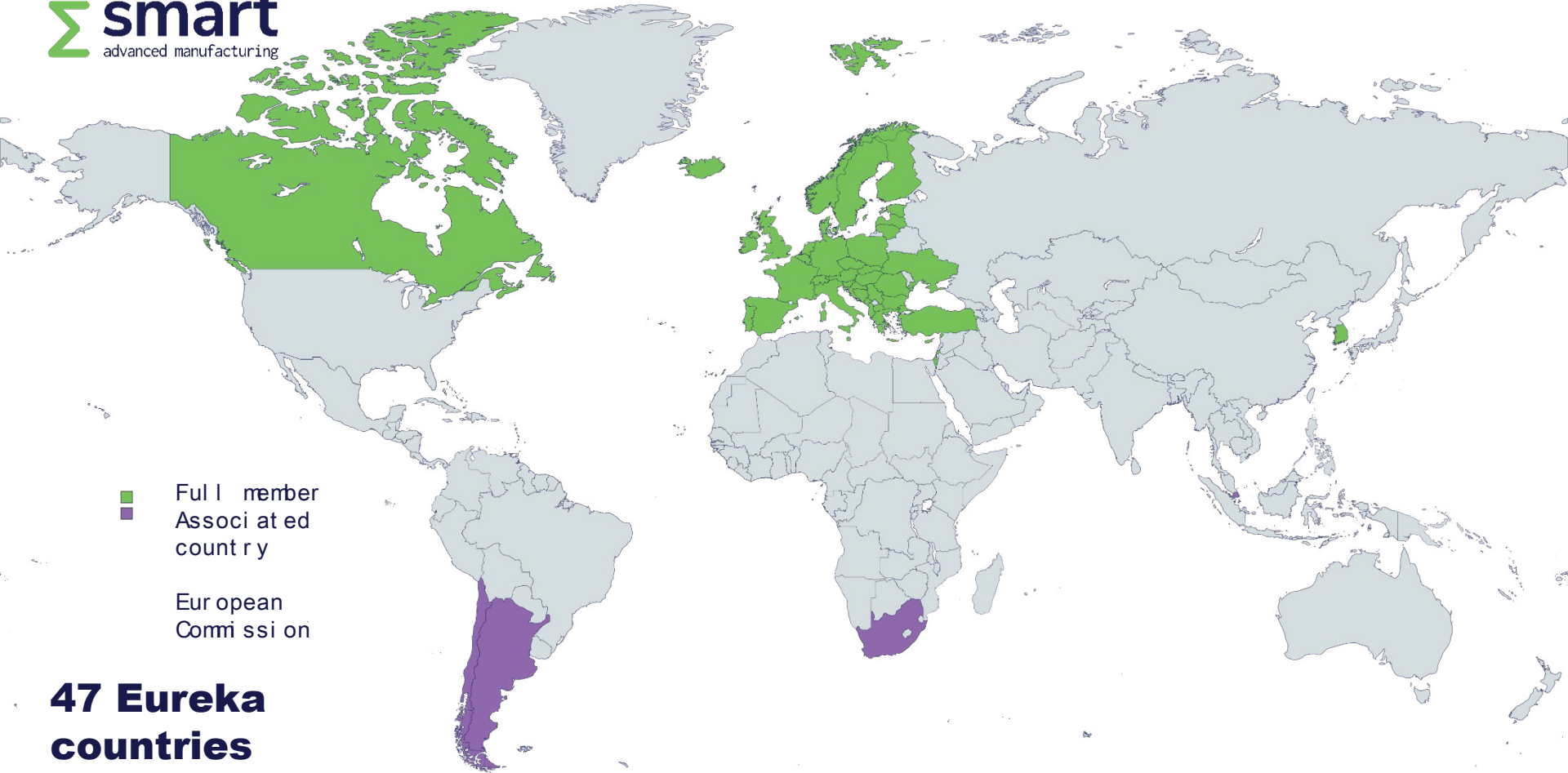
A transnational network facilitating the coordination of national priorities on innovation and providing access to national funding

More on: [www.eurekanetwork.org/](http://www.eurekanetwork.org/)



- Full member
- Associated country
- European Commission

**47 Eureka countries**



# Other Eureka Programmes

**Network projects** flexibility for international partners

**Globalstars** flexibility for international partners (non-Eureka countries)

**EU Partnership on Innovative SMEs / Eurostars** innovative SMEs aim higher

**EU Partnership on Innovative SMEs / Innowwide** supports research and business ventures in new markets

**Investment readiness** drives companies towards private investment

# The Eureka clusters



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Next-generation  
communications



---

Software innovation



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Sustainable energy  
solutions



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Electronic  
Components and  
Systems and  
applications

## Cluster projects are...



Industry-driven  
supported by Public  
Authorities



Open to global  
cooperation



Covering the full  
value chain to create  
innovative solutions



Bottom-up



Helping SMEs to scale  
up in consortia with  
large industry



Close to the market



# Clusters offer



**Opportunities to fund transnational RD&I consortia**



**Access to the best companies and knowledge institutes**



**Projects initiated by industry in line with national priorities**



**Global and trusted cooperation in the communities**

*“Are you looking to collaborate on an international and industry-driven RD&I project that covers a whole value chain?”*

**Support of experts with an industrial viewpoint**



# A typical Eureka Clusters project

3-5 countries



**usual duration**

36 months

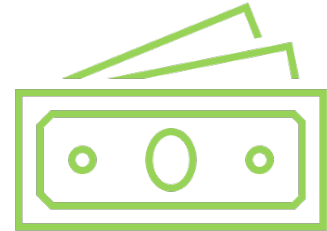


3-14 participants



**usual project cost**

2-20 Mio €



# Why to participate in Clusters

**To take advantage of trans-national RD&I cooperation**

**To benefit from the Cluster communities along the whole value-chain**

**To boost your competitiveness, accelerate growth, shorten time to market and access new markets**

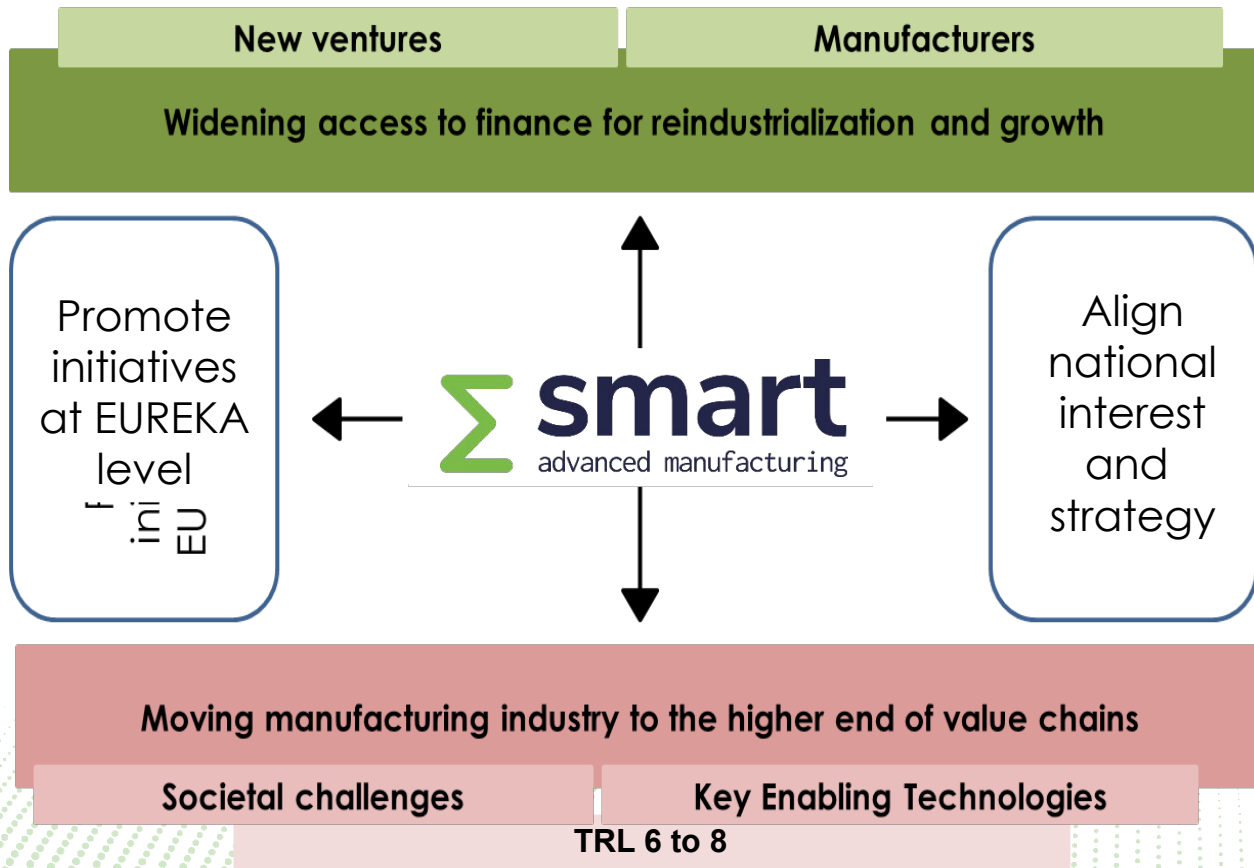
**To access expertise and get professional guidance coaching and mentoring**



**Σ smart**  
advanced manufacturing

## MISSION

SMART mission is **to boost the competitiveness, growth and attractiveness** of the **discrete manufacturing industries** through the promotion of R&D&I in an open community of large industries, SMEs, RTOs, academia and user organizations.



# Key thematic areas







## Technical domains

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-  Advanced Manufacturing Processes
-  Smart & Adaptive Manufacturing Systems
-  Digital, Virtual and Efficient Companies
-  Person-machine Collaboration
-  Sustainable Manufacturing
-  Customer-Based Manufacturing

## Key application areas

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-  Aerospace
-  Automotive
-  Railway
-  Consumer goods
-  Capital goods
-  Industrial Components

# SMART Board members

8 Core Group Members form the Board of the SMART EUREKA CLUSTER International Association

VICE-CHAIR



CHAIR



SECRETARY



**.AGORIA**

**AER**nnova

**sirris**



**RI  
SE**

# Supporting countries



\*In any case, whichever your country, contact your National Agency to explore funding options.





**CALL FOR PROJECTS**

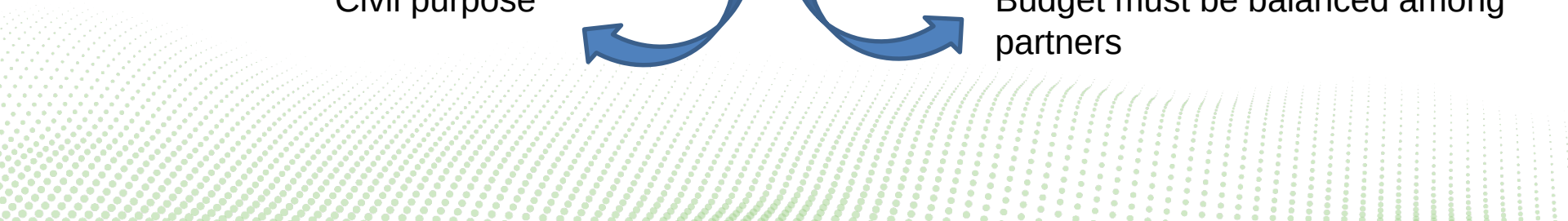
Consortium comprised of at least  
2 industrial companies from 2  
different EUREKA participating  
countries

Innovative and market oriented

## Eligibility criteria

Civil purpose

Budget must be balanced among  
partners



## 2 stage procedure

SMART Call will follow a 2-stage procedure, each of them having the following characteristics:

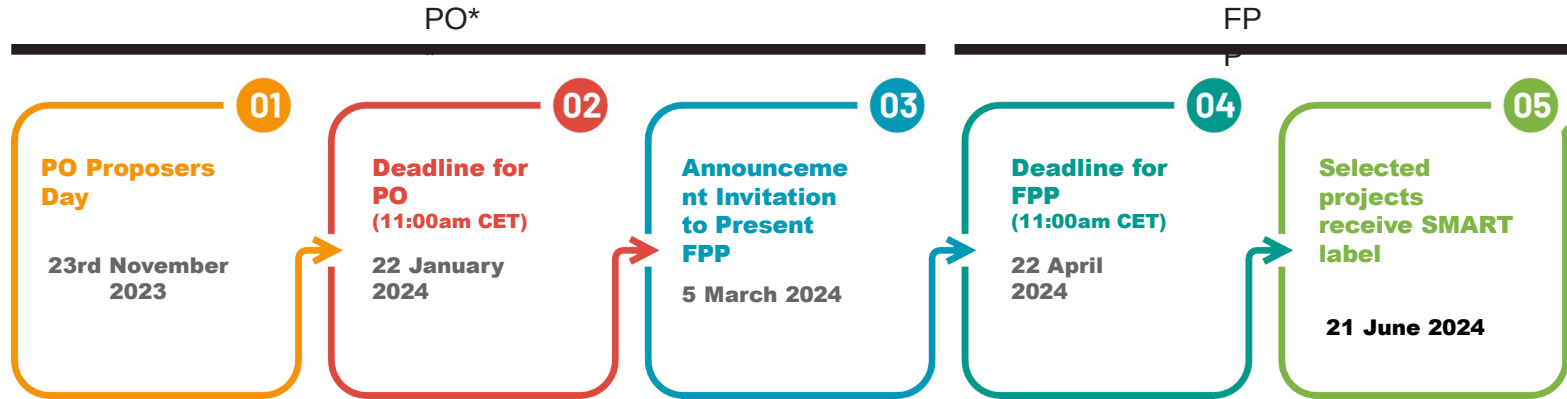
- **Project Outline (PO):** the intention of this short document (approx. 15 pages) is to provide an overview of the project, its main objectives, partnership and impact. Those POs positively evaluated are invited to the second stage.
- **Full Project Proposal (FPP):** describes the project implementation plan in detail, the advance beyond the state of the art and the exploitation and financial plan.

# Evaluation



- **Rationale of the project**
  - One-page description
  - Problem statement and market value chain
  - Project innovations and technology value chain
- **Technology**
  - State-of-the-art analysis
  - Technological Innovation regarding the SoA
  - Expected Project Outputs and quantified KPIs
- **Targeted impact**
  - Market analysis
  - Consortium market access
  - Impact of the project on the overall goals of SMART
  - Impact on sustainability
- **Consortium overview**
  - Cooperation added value: business level
  - Cooperation added value: technology level
  - Is gender balance considered?
- **Implementation**
  - Project structure and main milestones
  - Work-Package descriptions
  - Deliverables
  - Milestones
- **Writing quality**
  - Readability
  - Focus and conciseness

# Call process and timeline



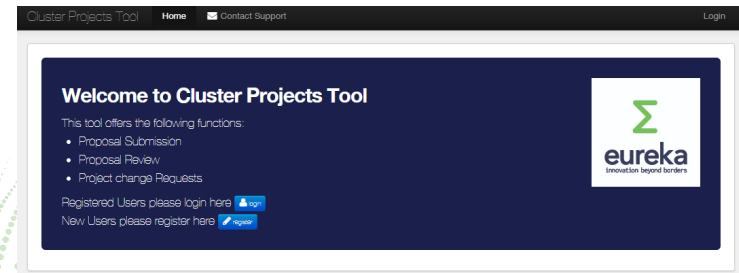
\* It's not mandatory to participate in the PO phase in order to submit a FPP; however, you will not benefit from feedback, etc to make a stronger FPP, check consortia makeup is eligible, etc.

# PO submission process

1. Download from our website
  - PO template
  - Confirmation letter
2. Fill the PO template
3. Enter the key data of the project in the Cluster Projects Tool
4. Upload the PO template and the confirmation letters in the Cluster Projects Tool

<https://cluster-projects.eurestools.eu/>

\* You can also download the PO Proposer's guide from our website



## Participation and fees

The participation in **SMART Cluster projects is open** to any interested entity from EUREKA countries.

Those entities that after obtaining a SMART labelled project, get public funding from their respective NFAs, will be invoiced from the SMART Office with a **1.5% fee of their final eligible budget.**



# Proposers' Day 2023 (23 November 2023): San Sebastian (SPAIN)



23rd November 2023  
23 November 2023  
San Sebastian, Spain

**SMART PO Proposers' Day - 7th Call**

Set up your project ideas on Advanced Manufacturing

Home Agenda Timeline for registration How it works FAQs Venue Contact

### SMART PO Proposers' Day - 7th Call

SMART's Seventh Call for Projects is already open.

If you have an **Innovative Project Idea** on Advanced Manufacturing and you want to form an International Consortium to develop it, come and join us at the **face-to-face event** we are organising on the 23rd of November.

The event will not be live broadcasted.

You will be able to meet people from:

- Industry; both Large Companies & SMEs
- Academia
- Research Centres
- National Funding Agencies

that will help you form the perfect consortium to **submit a successful project proposal**

**Register now**  
Open until 23 November 2023

LOCATION  
20009 San Sebastian, Spain

ORGANISED BY

 **smart**  
advanced manufacturing

 **enterprise  
europe  
network**



<https://smart-po-proposers-day-7thcall.b2match.io/>



# Projects looking for Partners

- ✓ You can see what other agents are looking for to develop their project idea
- ✓ You can publish your project idea to find partners

## ¿ARE YOU LOOKING FOR A PARTNER FOR YOUR PROJECT?

Fill in the SMART program file and the form below and we will help you to find partners for your project

1 First, download de SMART Project Idea Template, and fill it with your project data

[SMART Project Idea Template](#)

2 Then, fill the form below and attach your SMART Project Idea file


Project short description

Contact name  Contact E-mail

Partners Sought  Countries Sought

Seleccionar archivo  Ninguno archivo selec.

I have read and accept the legal conditions.

No soy un robot  reCAPTCHA  
Privacidad - Términos

**SEND**

<https://www.smarteureka.com/en/submit-your-proposal/projects-looking-for-partners/>

# Projects: new website section

Home / [Projects](#)

## PROJECTS

SMART labelled projects

Search...  [Statures of projects ▾](#) [Domains ▾](#) [Countries ▾](#) [Smart Call ▾](#) [Reset filters](#)

SMART Code	Acronym	Proposal name	SMART Call	Domains	Sector	Countries	Status
S0513	InnovPolymer	Process technologies for the novel advanced material based on in situ polymerization	05	Advanced Manufacturing Processes	Aerospace, Automotive, Capital Goods, Consumer Goods, Railway		Labelled
S0511	SD3DE	Scalable Digital 3D Printed Electronics manufacturing cell & process for Functionalizing Smart mechanical components	05	Advanced Manufacturing Processes   Intelligent and Adaptive Manufacturing Systems	Other		Labelled
S0507	Dynamic SALSA	Dynamic Scheduling of Assembly and Logistics Systems using Ai	05	Digital, Virtual and Efficient Companies   Intelligent and Adaptive Manufacturing Systems   Person-Machine Collaboration   Sustainable Manufacturing	Automotive		Labelled
S0503	VIABLE	innovative blobAsed Biodegradable gLovEs	05	Sustainable Manufacturing	Automotive		Labelled

# MINIMIZATION OF MACHINING DISTORTIONS DUE TO STRESS

Smart Call: 03  Smart Code: S0307  Acronym: MINDESTRESS  Start date: 01/01/2021  Duration: 30 months  Budget: 2,868,000

## ABSTRACT

During machining the accumulated bulk stresses induced by previous process steps such as forging or additive manufacturing and subsequent heat treatment, are released. This causes undesirable distortion and geometry errors of the final component. These distortions are difficult to predict and, in practice, wide tolerances and several machining steps are applied to avoid reprocessing or, at worst, scrap. This project will develop an innovative hardware and software Toolkit to predict residual stresses prior to machining, estimate the distortions after machining due to the material removal process, and to optimize the machining process in order to minimize distortions. The outputs of this project will allow the industrial project partners to reduce scrapping and reworking, tighten geometric tolerances on components and minimize variations as well as increase component quality. This will increase competitiveness and save millions of Euros for the European manufacturing industry.

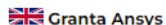
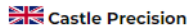
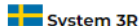
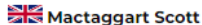
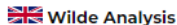
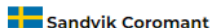
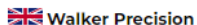
## CONSORTIUM

### COORDINATOR



Mats Werke  
mats.werke@rise.se  
www.effra.eu/rise-ivf

### PARTNERS



## Contact details



PATRICIA TAMÉS  
Office Director



ARITZ ARTECHE  
Programme Coordinator



JON NÚÑEZ  
Programme Officer

**Thank you for your  
attention!**



[www.smarteureka.com](http://www.smarteureka.com)



[info@smarteureka.com](mailto:info@smarteureka.com)



[+34 943 309 009](tel:+34943309009)

# Ben Morris

Innovate UK



Innovate  
UK

# EUREKA

The world's largest network for international co-operation in R&D and Innovation, present in over 47 countries





Innovate  
UK

# EUREKA – Key Facts

- Designed to drive international collaboration.
- Supports access to new markets.
- Flexible in design, but uses common criteria and platforms.
- Majority of funding is designed to support SMEs, with support for other entities.
- Multi stream funding opportunities of which there are 6.
- The UK participates in 4 of the 6 streams, with an average budget of £15m per year for calls.
- Each country has a National Project Coordinator who guides their entities through process on a one to one relationship.

[Eureka | Home \(eurekanetwork.org\)](https://eurekanetwork.org)

## EUREKA – Key Facts Continued

Eurostars 3 Statistics	Call 1	Call 2	Call 3	Call 4
Applications Total	1233	1013	854	1216
Applications Submitted	436	431	358	416
Applications UK	137	140	113	88
Submitted	51	60	53	31
Above Quality Total	158	162	141	173
Above Quality UK	30	22	26	16
Funded	16	16	19	11
Partner Countries	12	11	16	11
Partners	21	25	42	24
Most Partners	DE	NL	NL SE CH	NL
Sectors	6	5	6	4
Mosts Sectors	HLS & Man	Man	HLS	HLS



# VIDENTIFIER™

## Helping international police forces investigating crime and terrorism

**Programme:** Eurostars and E!InnoVest

### **Innovation:**

- Combines high-end computer vision techniques with blazingly fast database search
- Automatically compares huge amount of visual content in a fraction of the time it takes a human
- Identifies victims, perpetrators, and locations of crimes using large database
- Supports the process of scanning seized storage devices
- Uses visual fingerprints - a single point within an image that captures mathematical characteristics related to contrast and shape

**Partners:** Videntifier, Forensic Pathways, IRISA

**Countries involved:**    **Total R&D Investment:** €1,183,220

### **Impact:**

- Credibility of EUREKA helped Videntifier to be appointed main tech provider to Interpol's International Child Exploitation database
- The project led to securing private investment and the company has subsequently grown in staff
- Technology deployed to globally to major law enforcement organisations including Korean National Police Agency, EUROPOL and the UK Home Office
- The company has expanded beyond the law enforcement domain to copyright protection and content monetisation
- Sold licence to Facebook in the largest single company transaction to date in February

# Clara King

Innovate UK



Innovate  
UK

# EUREKA – EUROGIA 2030

## UK Scope & Eligibility

Clara King

Europe Partnership Manager  
Innovate UK  
[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



# Eureka Cluster EUROGIA Eligibility Criteria

- The consortium should include at least two companies from different EUREKA participating countries. The participation of research institutes/universities is welcome according to each country's funding regulations.
- The project partners must express their willingness to cooperate, on a win-win/fair basis in the development of a new product, industrial process Industry standard or service.
- The product, process or service must be innovative and there must be a technological risk involved.
- The project should benefit all involved partners in a well-balanced consortium. SME's are explicitly encouraged to participate in the proposals. (well-balanced means that one partner, or country, can hold at max around 70% of the project. This is not a strict eligibility criteria, but it will be considered in evaluation phase)
- The project should generate an obvious advantage and added value resulting from the technological cooperation between the participants (new technologies, standardization, prototyping, field trials, new or improves products, increased knowledge, access to R&D infrastructure etc.).
- Economic and Societal benefits to be obtained (where relevant) must be highlighted in the project proposal.
- A project consortium or cooperation agreement (PCA) must be signed between the project partners as soon as possible after the project starts. PCA templates are available for use if required.

# UK Scope & Eligibility

## Your project

- UK applicants can apply for total grant of up to £500,000 for each project partner.
- All types of UK registered organisations can apply for funding.
- Expected project duration 12 – 36 months.
- Your project must be collaborative.
- [Further guidance](#)

## Funding

We have allocated up to £5,000,000 to fund innovation projects in this call.

For industrial research projects, you could get funding for your eligible project costs of:

- up to 70% if you are a small enterprise
- up to 60% if you are a medium enterprise
- up to 50% if you are a large enterprise
- UK registered [research organisations](#) in your consortium can share up to 30% of the UK total eligible project costs. If your consortium contains more than one UK research organisation, this maximum will be shared between them.

Of that 30% you could get funding for your eligible project costs of up to:

80% of full economic costs (FEC) if you are a Je-s registered institution such as an academic

Je-S helpdesk

Email: [JeSHelp@je-s.ukri.org](mailto:JeSHelp@je-s.ukri.org)

Telephone: 01793 444164



Innovate  
UK

# EU SME definition

Enterprise category	Headcount: annual work unit (AWU)	Annual turnover	or	Annual balance sheet total
Medium-sized	< 250	≤ EUR 50 million	or	≤ EUR 43 million
Small	< 50	≤ EUR 10 million	or	≤ EUR 10 million
Micro	< 10	≤ EUR 2 million	or	≤ EUR 2 million

# Eureka Cluster EUROGIA

## Sample Project Cost Calculation (Max)

Maximum Grant = £750K per project partner or intervention rate per UK project partner, whichever is lower.

Example UK side consortium partners: 1 micro or small business, 1 medium-sized business, 1 large business, and 1 university,

Micro/Small - Eligible costs = £500K, then grant awarded = £350K.

Medium – Eligible costs = £800K, then grant awarded = £480K.

Large – Eligible costs = £1.8M, then grant awarded = £750K as 50% intervention is greater than max grant.

Total Business eligible costs = £3.1M so this is only calculated for business cost, excluding university/ ROs costs.

University can apply for 30% of total business eligible costs (£3.1M), hence £930K. This is greater than the max grant of £750K, therefore the university will receive £744K as they receive 80% of their total eligible costs (£930K).

- Contact the Je-S helpdesk
  - Email: [JeSHelp@je-s.ukri.org](mailto:JeSHelp@je-s.ukri.org)
  - Telephone: 01793 444164

# UK engagement in EUREKA

[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



Department for  
Science, Innovation  
& Technology



# Ewa Bloch

Innovate UK

# European Portfolio and Eureka

Ewa Bloch

Head of Europe and European Programmes



# Innovate UK

- ✦ We are the **UK's Innovation Agency**
- ✦ We support business-led innovation in all sectors, technologies and UK regions
- ✦ A key delivery body of the Government's **Innovation Strategy**

## Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



# Creating value for UK businesses through global engagement

*We help innovating businesses to succeed on the international stage*

**Through our international support we will deliver:**

## **Globally active, globally competitive businesses**

- supporting faster company growth and scale and UK competitiveness in the sectors/markets + supply chains of the future, by connecting more innovative UK businesses to knowledge, people, capabilities and markets across the globe.
- breaking down barriers hindering UK business ability to engage internationally and access opportunities.

## **Positive global impact through innovation**

- enabling more innovative UK business to contribute to reducing global inequality, creating prosperity and solving global challenges that society faces, as recognised by the UN Sustainable Development Goals.
- showing global leadership in delivering development impact through innovation.

## **UK as a global innovation partner of choice**

- strengthening our international relationships and playing an active role as a leader in global innovation groupings and associations to ensure we are at the forefront of innovation policy and delivery.
- strengthening the UK's reputation and attractiveness as an international innovation partner of choice and one of the most attractive places in the world to do innovation. Work across HMG to promote a coherent UK-wide innovation offer to the world.

**Inspire**

**Involve**

**Invest**

# Global delivery – products and services

Drive more UK businesses to grow and scale globally

The business

Support innovative business to grow and scale

Global Business Innovation Programme

Global Incubator Programme

Global Explorers

IUK EDGE support for Global Growth

The innovation

Access to innovation knowledge and funding through partnerships

Collaborative R&D Programmes

Bilateral R&D

Access to Horizon Europe

Eureka

# Europe portfolio

- Building on the legacy and long tradition of collaborating with European partners to share expertise, develop new knowledge, contribute to innovative solutions and access markets
- Unique combination of bilateral programmes, the Eureka network involvement and access to the Horizon Europe programme, supported by Global Explorer and Global Business Innovation Programme opportunities for businesses
  - ✓ Bilateral programmes – require collaboration with the partner country only
  - ✓ Eureka programmes – collaborations of 3+ countries, focus on SME participation
  - ✓ Horizon Programme – collaborations of 3+ countries, often large, multidisciplinary consortia and large projects
- Supported by the Knowledge Transfer Network and Innovate UK EDGE

# Europe portfolio – Bilateral relationships

- Germany
  - Transforming Foundation Industries, Hydrogen, AI, EV batteries, Semiconductors, Quantum
- Switzerland
  - AI, AMR, Semiconductors
- Israel
  - Renewable energy, Climatech
- Norway
  - Maritime transport, Carbon bioeconomy
- Sweden
  - Health and life sciences, EV batteries
- Ireland
  - Medicines manufacturing, Medtech
- Netherlands
  - Agritech, Quantum, Sustainable aviation
- France
  - Energy, Hydrogen, Agritech

# Europe portfolio – Eureka Programme

Eureka is an international network of 47 funding agencies with a focus on supporting innovation and business research, started in 1985

- 2,000 projects, 2,300 organisations and over €2.3bn UK project value
- Cooperated with 46 member countries
- Involved in a wide range of funding and support mechanisms
- Top collaborators: Germany, Netherlands, France, Spain, Sweden

For more information please contact [eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



# Europe portfolio - Horizon Europe

- The largest R&I programme in the world, UK-EU announcement to associate on 7<sup>th</sup> Sept 23
- Challenge driven – must solve the problem posed – not bottom-up idea driven
- Work Programme with one, or usually two, years' worth of competitions published annually, with specific Topics with own budget, scope and expected outcomes
- Collaborative projects with at least 3 different legal entities from 3 different eligible countries. One must be from an EU Member State (UK is an eligible country from 2024 Work Programme onwards)
- Project size varies from less than €1m to €10's m
- UK National Contact Points for Horizon Europe – appointed to support UK participants to Horizon - please contact <https://www.gov.uk/business-finance-support/horizon-europe-funding>

## Useful links

General support: [support@iuk.ukri.org](mailto:support@iuk.ukri.org)

Bilateral competitions: <https://apply-for-innovationfunding.service.gov.uk/competition/search>

Eureka support: [eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)

Horizon Europe support: <https://www.gov.uk/business-finance-support/horizon-europe-funding>

Innovate UK Knowledge Transfer Network: <https://iuk.ktn-uk.org>

Innovate UK EDGE: <https://www.innovateukedge.ukri.org>

# Iain Mauchline / Craig Sharp

UK XECS / UK National Contact Point Digital



Innovate  
UK



# EUREKA – Xecs Cluster

## UK Scope & Eligibility

Iain Mauchline - Innovation Lead, Electronics, Sensors & Photonics

Craig Sharp - National Contact Point for Digital in Horizon Europe

09<sup>th</sup> Nov 2023

# Who are Innovate UK?

- We are the UK's Research & Innovation agency
- A key delivery body of HMG's R&I policies and strategies
- We support academic research and business-led innovation in all sectors, technologies and UK regions



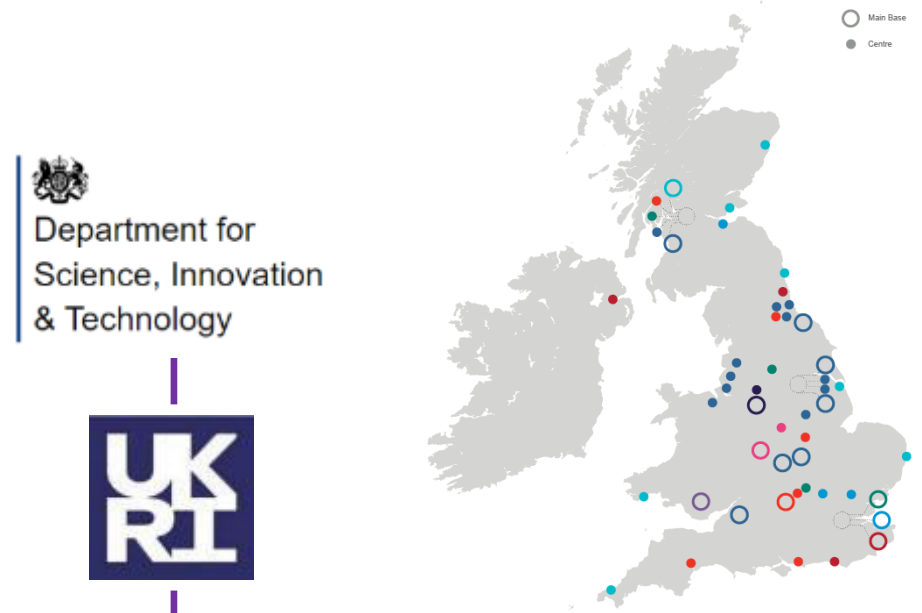
**Innovate UK mission**

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate

**Global Opportunities**

Global Opportunities is one of our key priority themes – focus on inspiring, involving and investing in innovative businesses

Innovate UK role in **Eureka** forms an integral part of our strategy to help UK organisations to collaborate internationally



# Xecs Cluster - Electronics Components and Systems

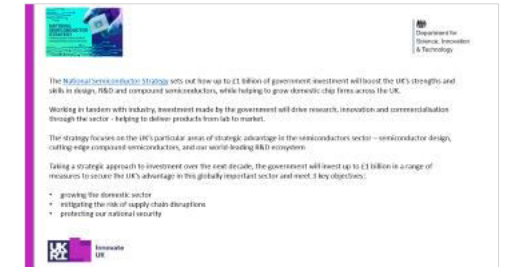
## Areas of particular interest

Aligning with recent UK strategies and the SRIA - we would particularly welcome proposals covering

- Semiconductor Processing & Manufacture
- Semiconductor design & IP
- Compound Semiconductors
- Advanced Packaging – Hybrid & Heterogeneous Integration
- Advanced & Emerging Materials
- Power electronics / Photonics / AI
- Net Zero / Environmental
- Electric Vehicles / Energy resilience
- Circular Economy / Critical Minerals
- Healthcare

# UK Semiconductor Strategy

- Semiconductors are 1 of the 5 technologies of tomorrow. They are critical to the UK's economic and national security and to the strategic advantage that the UK will secure on the global stage.
- The recently published (19<sup>th</sup> May 2023) UK semiconductor strategy has the stated vision.



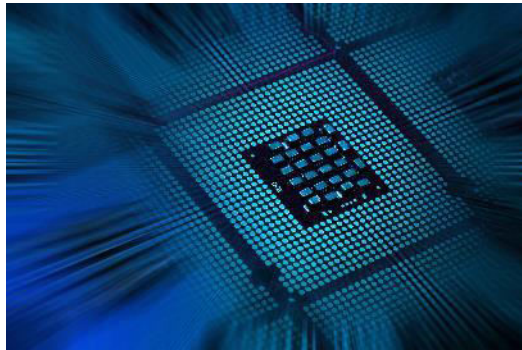
## Our vision

Over the next 20 years, the UK will secure areas of world leading strength in the semiconductor technologies of the future by focusing on our strengths in R&D, design and IP, and compound semiconductors. This will facilitate technological innovation, boost growth and job creation, bolster our international position in order to improve supply chain resilience, and protect our security.

## Key Themes

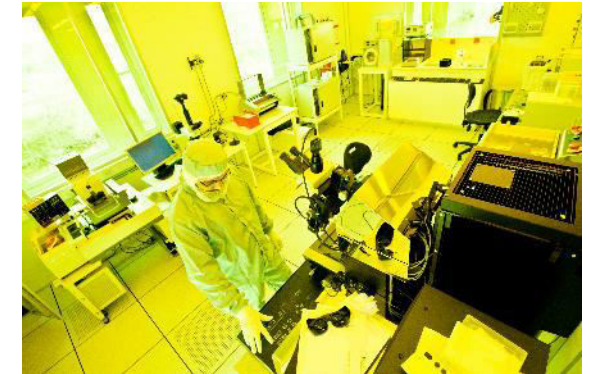
- Technological innovation in UK strengths
  - Growth & job creation in domestic landscape
  - International collaborations with aligned countries
- The government plans to invest up to £1 billion over the next decade.
  - And *“will announce plans by the autumn to further support the competitiveness of the semiconductor manufacturing sector that is critical to the UK tech ecosystem or the UK's national security”* – so watch for the autumn statement...

# What are the UK Strengths?



## Compound & Novel Material Semiconductors

- 8% share of the global compound semiconductor market
- Compound Semiconductor Cluster – CSconnected in South Wales
- World-leading companies such as PragmatIC and Paragraf, working with advanced materials

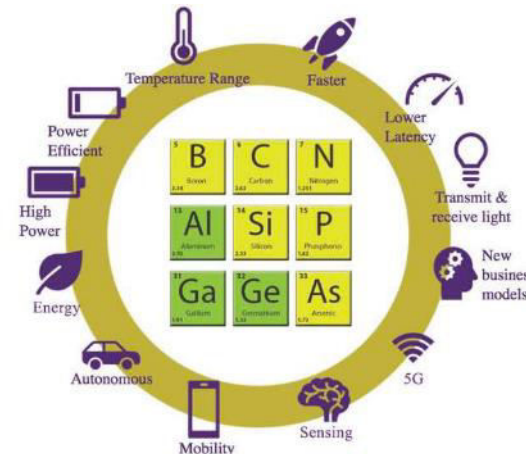


## Semiconductor Design/IP

- **Over 100** semiconductor design/IP companies,
- **Global companies** in IP, AI, SoCs, IoT, graphics
- **World leading chip-design sector with clusters** including Cambridge, Bristol and Edinburgh

## Research Strength

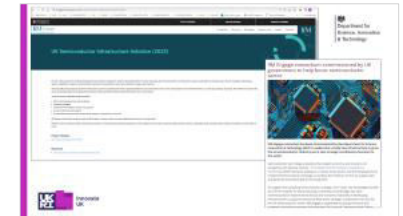
- Photonics / photonic systems integration
- Integrated circuit design
- Compound semiconductors
- Embedded security, on chip
- Polymer electronic materials
- New and advanced materials for devices (spintronics, magnonics, etc.)





# UK Semiconductor Strategy – In progress

- [UKSII Feasibility Study](#) – With results due in December 2023, this DSIT commissioned study is to understand the technical and economic feasibility of developing specific capabilities to support commercial R&D, grow the UK semiconductor sector and contribute to supply chain resilience. With five key capabilities under evaluation:
  - Silicon prototyping and low volume piloting
  - Advanced packaging
  - Compound semiconductor open-access foundry
  - Access to EDA tools and design IP
  - An institutional framework that would provide strategic coordination for the sector.
- The [Semiconductor Advisory Panel](#) was established by the DSIT to enable the government to work closely with industry to deliver the goals of the [National Semiconductor Strategy](#) on growing the UK sector, ensuring a stable supply of chips and protecting the UK from national security risks associated with semiconductor technology.
- [ChipStart](#) is a two-year pilot programme backed by the government that will provide early-stage companies involved in the design of semiconductors with the technical and commercial help they need to help bring new products to market – and ultimately improve lives and livelihoods in the long-term.



# Key conditions

- We have allocated up to £5,000,000 to fund innovation projects in this call.
- UK applicants can apply for total grant of up to £750,000 for each project.
- All types of UK registered organisations can apply for funding.
- Your project:
  - Must be collaborative
  - Expected duration 12 – 36 months
- If your project's duration falls outside of our eligibility criteria, you must provide justification by email to [support@innovateuk.ukri.org](mailto:support@innovateuk.ukri.org) at least 10 working days before the competition closes. We will decide whether to approve your request.
- [Further guidance](#) available on our Funding rules page.

# UK Funding rates

For industrial research projects, you could get funding for your eligible project costs of:

- up to 70% if you are a small enterprise
- up to 60% if you are a medium enterprise
- up to 50% if you are a large enterprise
- UK registered [research organisations](#) in your consortium can share up to 30% of the UK total eligible project costs. If your consortium contains more than one UK research organisation, this maximum will be shared between them.
  - Of that 30% you could get funding for your eligible project costs of up to: 80% of full economic costs (FEC) if you are a Je-s registered institution such as an academic

# UK contact points

## For general enquires and questions

Ben Morris/Teresa Sarametta Arumardi  
Eureka Programme Management

[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)

## For Xecs-related scope questions

Iain Mauchline  
Xecs Programme Contact

[iain.mauchline@iuk.ukri.org](mailto:iain.mauchline@iuk.ukri.org)

# Özgün Algın

ITEA

# ITEA

## Fostering international software innovation

Eureka Programme Information webinar  
Özgün Algın, ITEA Programme Coordinator

# ITEA

## The Eureka Cluster on software innovation

ITEA is the Eureka RD&I programme on software innovation. ITEA stimulates transnational and industry-driven R&D&I in the domain of **software innovation**. ITEA enables a large international community to **collaborate in funded projects** that turn innovative ideas into new businesses, jobs, economic **growth and benefits for society**.

ITEA is:

- Global and trusted cooperation in an industrial community
- Project financing through national public and own funding
- Commercialisation of research results
- Focus on high-quality process and support

# ITEA governance and main players

## Trustful relationship for software innovation

ITEA Board members:



Some of ITEA's other main (industrial) partners:





# ITEA Key challenges



Smart city



Smart communities



Smart health



Safety and security



Smart mobility



Smart industry



Smart energy



Smart engineering

# ITEA Yearly events

## Creating strong connections and close-to-market solutions

May

ITEA International customer workshops



September

ITEA PO Days - Yearly networking/brokerage event



June & November

ITEA Advisory Board meetings



Throughout the year

Thematic webinars

- Gathering customers and topic-relevant project (partner)s to share and discuss case studies, lessons learned, new tools, and innovative strategies to overcome challenges in the domain to:
  - Strengthen Project Outlines (POs) towards Full Project Proposals
  - Steer POs towards customer expectations
  - Dissemination of the recently completed / running project results

# ITEA Bottom-up Call 2023

## Call process and timeline

### 1. ITEA Project Outline Days event – 12&13 September 2023

- Consortium building / idea generation

### 2. Submit a Project Outline (PO) - 13 November 2023


- Short project overview

### 3. Submit a Full Project Proposal (FPP) - 19 February 2024

- Description of project, management & execution plan, finalisation consortium

### 4. Funding & Project Start-up - After labelling

- Apply for funding at national level



You can  
still join  
ITEA  
Call  
2023

# Countries supporting ITEA



Austria



Belgium



Canada



Czech Republic



Denmark



Finland



France



Germany



Hungary



Ireland



Israel



Luxembourg



The Netherlands



Portugal



Singapore



Slovenia



South Korea



Spain



Sweden



Switzerland



Türkiye



United Kingdom

Strong comeback of UK partners: involvement in 16 concept Project Outlines for Call 2023!

# 25 years of ITEA

## Some figures and milestones of ITEA's impact

- Almost 300 ITEA projects
- Over 30,000 person-years involved
- Over 2,000 unique project partners (>50% SME)



Digital Cinema	EAST-EEA	EPAS	SmartTouch	MODELISAR	Metaverse1	SoRTS	C <sup>3</sup> PO	ACOSAR	Reflexion	MOS2S	PARTNER
A revolution in the market	AUTOSAR, the global industrial initiative for automotive	ISO standards for European card payments	Secure NFC for our daily lives	FMI, a global standard for modelling and simulation	A standard to connect virtual and real worlds	Better treatments for cancer patients	Interactive engagement of citizens and cities	Standard on integration of distributed simulations	Full digital loop for high-tech manufacturing with high-quality data	Fast interaction between the Netherlands and South Korea (0.3-second delay)	'One patient, one team' approach for hospitals



# 25 years of ITEA

## Discover more about our journey



We invite you to check out:

- The ITEA Impact stream: <https://itea4.org/impact-stream.html>
- The ITEA Magazines: <https://itea4.org/magazine.html>
- The recently released ITEA publication: <https://itea4.org/itea-publication/itea-the-fast-track-to-software-innovation.html>



ITEA4

<https://itea4.org>

ITEA is the Eureka Cluster on software innovation

$\Sigma$  eureka

<https://www.eurekanetwork.org>

Questions?  
Contact us at  
[info@itea4.org!](mailto:info@itea4.org)

# Linden Farrer

EUREKA





# **Eureka & the Eureka Clusters programme**

**Linden Farrer – Clusters Coordinator**



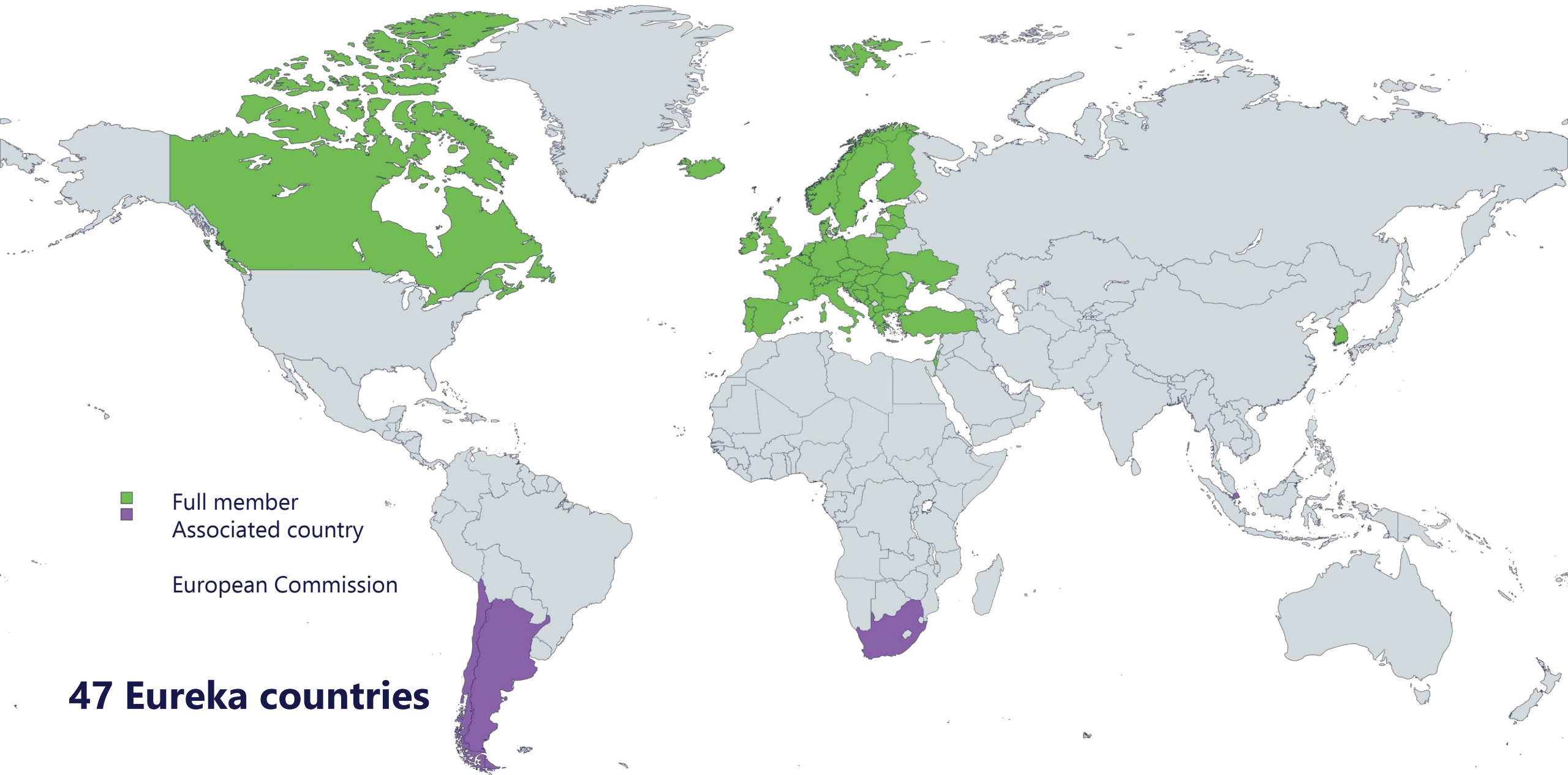
**Eureka is the world's largest public network for international R&D and innovation.**

**Organisations and companies can obtain national and regional funding and support for international R&D projects through Eureka programmes.**

## Since 1985

- €48+ billion public-private investment
- 7,000+ projects
- 35,000+ organisations supported





**47 Eureka countries**

# Eureka project characteristics

- **A civilian purpose**
- **Collaboration between organisations based in two or more Eureka countries**
- **R&D of a new product, process or service**
- **Market-oriented, where participating organisations decide the focus of their research**

# Eureka programmes

-  **eureka**  
clusters thematic industry-led communities
-  **eureka**  
eurostars innovative SMEs aim higher
-  **eureka**  
innowide supports research and business ventures in new markets
-  **eureka**  
network projects flexibility for international partners
-  **eureka**  
globalstars flexibility for international partners (non-Eureka countries)
-  **eureka**  
investment readiness drives companies towards private investment

## Average number of projects per year



## Public-private investment (in million euro)



**640 million euro  
public-private  
investment**



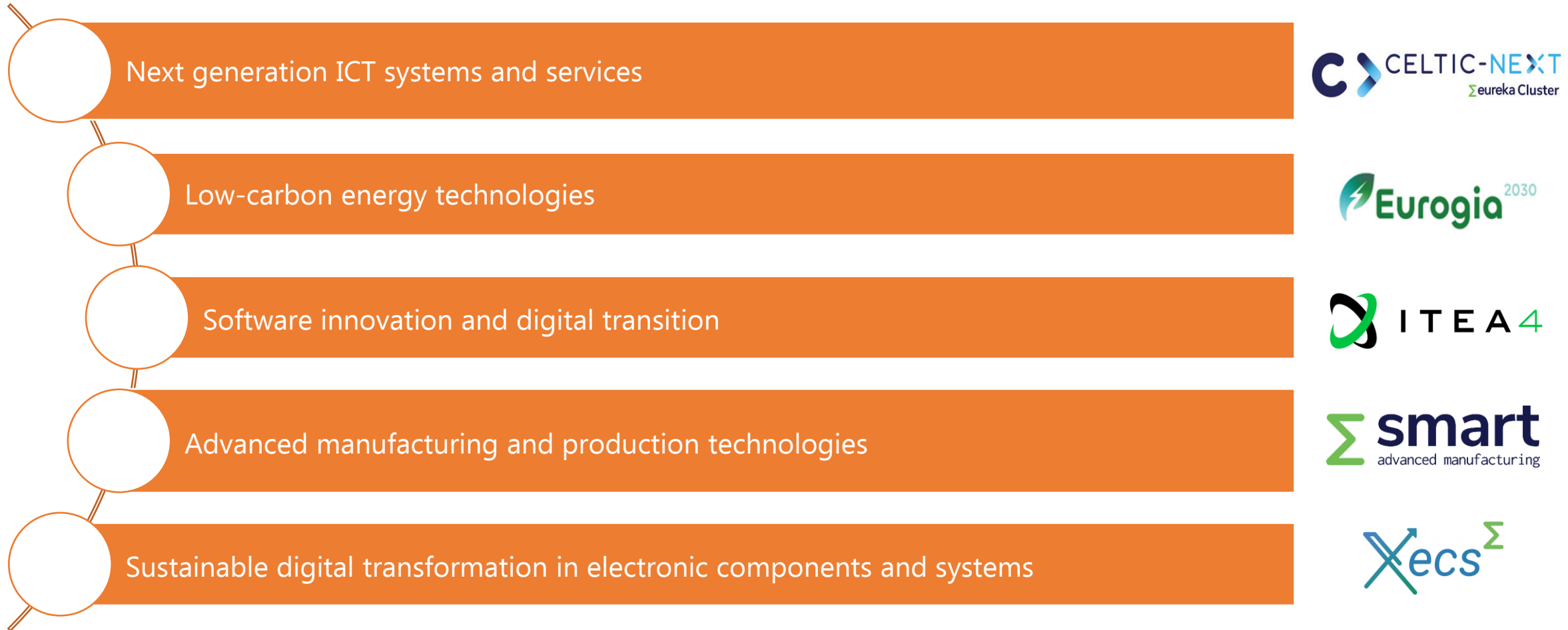


# Clusters

- Industry-led communities consisting of leading companies, knowledge institutes and end-user organisations
- Strategic technology areas
- Market-oriented, aiming to solve economic, technological and societal challenges



# The Clusters Programme - strategic technology areas



# Community

Adimec ADVA™ AERnova .AGORIA AIRBUS ASML Atos

BARGO Bittium BOSCH BT BUREAU VERITAS Canon cea cellnex driving telecom connectivity ENERJISA Energy of Turkey

ERICSSON EURESCOM esri Canada excillum FAGOR AUTOMATION Fraunhofer GRUPO RÉRRE ibs Innovative Ion Implant

İSKENDER BÜYÜKŞEHİR BELEDİYESİ İGDAŞ umec indra infineon IRISH MANUFACTURING RESEARCH ITALTEL IU.NET

KoçSistem muRata NETAS NOKIA NXP orange PayCore PHILIPS RAD Your Network's Edge®

RECIF Technologies reengen RI SE Royo SAAB SAAB TECHNOLOGIES SES SIEMENS sirris driving industry by technology software AG

soitec ST SVUM VÝskumné a testovacie centrum materiálu T.. Telefonica THALES TURK TELEKOM TURKCELL TEKNOLOJİ Volkswagen ZEISS

Σeureka

# Example community activities

- **Workshops on technological and market developments**
- **Contributing to strategic roadmaps and R&D and innovation agenda**
- **Pitching and brokering activities to share project ideas and support consortia formation**
- **Participation in 'one-off' – or a series of - projects to extend the state of the art**
- **Exhibitions and prize competitions to celebrate achievements**
- **Strategic collaborations, such as with the European Space Agency and EU joint undertakings**

**All are opportunities to engage and connect!**

# Support from Eureka countries

- Austria
- Belgium
- Canada
- Chile
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Hungary
- Ireland
- Israel
- Korea
- Latvia
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Singapore
- Spain
- Sweden
- Switzerland
- Türkiye
- United Kingdom
- South Africa

# Bottom-up calls for projects

INNOVATION IN KEY TECHNOLOGY  
AREAS

**1 call per year: ITEA,  
SMART, Xecs**

**2 calls per year +  
flagships every 3  
years: Celtic-Next**

**3 calls per year:  
Eurogia**

# Joint calls for projects

SPECIFIC ECONOMIC, TECHNOLOGICAL  
AND SOCIETAL CHALLENGES

**Artificial intelligence 2020**

**Artificial intelligence 2021**

**Accelerating sustainability  
2022**



## Typical Clusters projects

- Led by industry
- 3-14 participants
- 3-5 countries
- 2-20 million euro
- 36 months

### **Characteristics**

- Bottom-up idea generation
- Beyond the state of the art
- Can cover the whole value chain
- Clear market potential with wider impacts, closely aligned to national priorities

# Typical project lifecycle

- **Call opens** - proposal prepared in close liaison with public authorities; can involve companies of all sizes, universities and research organisations
- **Evaluation** - by industry experts for Clusters, and financial/administrative (and in some countries technical) evaluation by public authorities; feedback and possible modification requests
- **Award of the Eureka Label** - a signifier of R&D and innovation quality and which recommends national funding
- **Project starts** - close and on-going support from industry experts

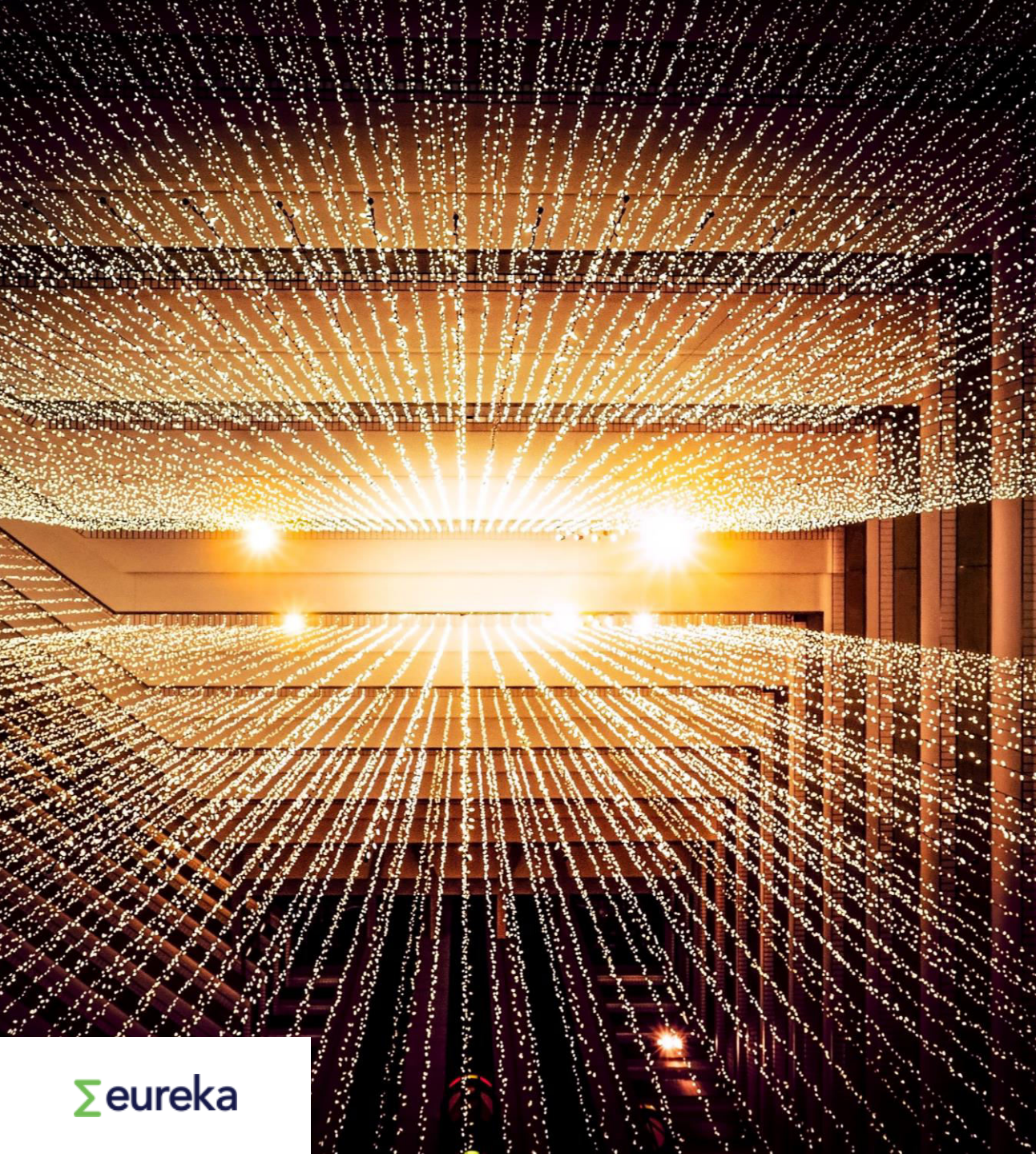
Note: ITEA 4, Xecs, SMART and Eurogia 2030 have two-stage evaluation processes, CELTIC-NEXT one-stage. Refer to specific Cluster websites for more detail and liaise with your national/regional authority.



## Benefits for companies

- A proven funding instrument with a decades-long and successful track record
- Industry leaders work with cutting-edge innovators while SMEs collaborate with industry leaders
- On-going and individualised support from experts covering the whole value chain
- High funding success rates
- Long-term international relationships and access markets across the globe
- Increase in turnover & headcount





# Example impacts

- Development of advanced microchips that have laid the technical foundations for e-ID documents in the EU
- Reducing the energy consumption of mobile phone networks
- More accurate MRI scanning for patients with multiple implants
- Enabling more efficient city planning through co-creation platforms
- Lighter and safer battery carriers on electric vehicles

# Open and forthcoming calls

- **CELTIC-NEXT**
  - Autumn 2023 deadline: 10 Nov 2023
  - Spring 2024 Call opens: Dec 2023 / deadline: Apr/May 2024 (tbc)
- **Eurogia2030**
  - Call 24 deadline: 24 Nov 2023
  - Call 25 opens: Jan 2024 / deadline: Mar 2024 (tbc)
- **ITEA**
  - Call 2023 deadline: 13 Nov 2023
- **Smart**
  - 7<sup>th</sup> Call deadline: 22 Jan 2024
- **Xecs**
  - 3<sup>rd</sup> Call deadline: 18 Jan 2024

<https://www.eurekanetwork.org/open-calls/?programme=clusters>



[www.eurekaneetwork.](http://www.eurekaneetwork.org)  
[org](http://www.eurekaneetwork.org)

# Sinem Altuncu / Niccolo Cividini

Eurogia

# EUREKA Programme: Information webinar

09 Nov 2023 | 13:30 - 16:00 GMT



 **Eurogia** 2030

*The Eureka Network Cluster on **Low-Carbon Technologies***



 eureka

**Sinem Altuncu**

*Eurogia2030 General Manager*

**Niccolo Cividini**

*Eurogia2030 Programme Manager*

# WHAT IS EUROGIA2030

Eurogia2030 is the Eureka Cluster addressing **Low Carbon Technologies R&D solutions**.

Eurogia aims to contribute for a sustainable environment, for the reduction of climate change and for a sustainable growth.

18-years Cluster History  
From **Fossile** to **Renewables**



## Outcomes 2019-2022

# 59 projects submitted

91 Milion € Budget



+230% Growth

# EUROGIA<sup>2030</sup> within



01

The EUREKA  
Cluster dedicated to  
Low-Carbon Energy  
Technologies

02

Includes  
the full energy mix and  
value chain

03

Labelled for the  
MAP 2021-2025

04

EUROGIA2030  
promotes and facilitates  
partnerships between  
Industry, Universities  
and Governments

# EUROGIA<sup>2030</sup> The Cluster of energy transition

a 19-year cluster history  
from fossile to renewables





## OUR VISION

Some of the Eurogia targeted challenges to achieve the sustainability goals are necessary, but not limited to:

- **Carbon-free energy supply**
- **Green mobility and Smart cities**
- **Smarter housings and constructions**
- **Bio resources and environment**

## The Eurogia2030 Purpose

EUROGIA2030 is on the front line in the Energy field to achieve **carbon neutrality goals**. Through low carbon technologies R&D solutions Eurogia2030 aims to contribute for a **sustainable environment**, for the **reduction of climate change** and for a **sustainable growth**.

# The Eurogia2030 5Ds Strategy



## *DECARBONIZATION*

- **Renewable Energy resources & integration with the existing grid,**
- **Electric vehicles and charging infrastructure,**
- **Green and zero emission buildings,**
- **H2 technologies and Storage.**

## *DECENTRALIZATION & DIGITALIZATION*

- **Microgrids**
- **Smart Grids**
- **ICT, AI**
- **IOT.**
- **IT&OT cybersecurity**

## *DEREGULATION & DEMOCRATIZATION*

- **Blokchain Technologies**
- **Flexibility Management**
- **Virtual Power Plants**
- **Network Stability**
- **Peer to Peer Energy Trade**
- **Demand Side Management**

# Eurogia <sup>2030</sup> Supporting Countries

**Europe**




Flags of supporting countries: Belgium, France, Denmark, Germany, United Kingdom, Netherlands, Poland, Czech Republic, Portugal, Spain, Switzerland, Israel, and Turkey.

**Americas**



Flags of supporting countries: Canada and Chile.

**Asia**



Flags of supporting countries: Singapore and South Korea.

**Africa**



Flag of supporting country: South Africa.



 **Eurogia** 2030  
Successful Projects

# Eurogia Successful Project

## SmartWind

SmartWind is an industry-driven demonstration project focused on the energy digitalisation that contributed to achieve a **reduction of the total costs of renewable wind power generation and the Levelized Cost of Electricity (LCoE)**, providing advanced and automated functions from data analysis for early fault detection and diagnosis, and Operations and Maintenance (O&M) planning at wind assets.

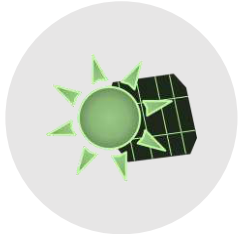


# Eurogia High Impact Labelled Project

## NZECSA

Nearly Zero Energy Concepts for Solar Apartment

The purpose of this project is to ecologically supply nearly zero-energy solar apartments with minimal cost using:



**Multi-functional building-integrated bi-facial PV with shading function**

**Self sustained Radiant cooling system & Radiant Heating system**



**Ecological, passive architecture to minimize the heating & cooling load**

South Korea  
Sehan University  
SGE



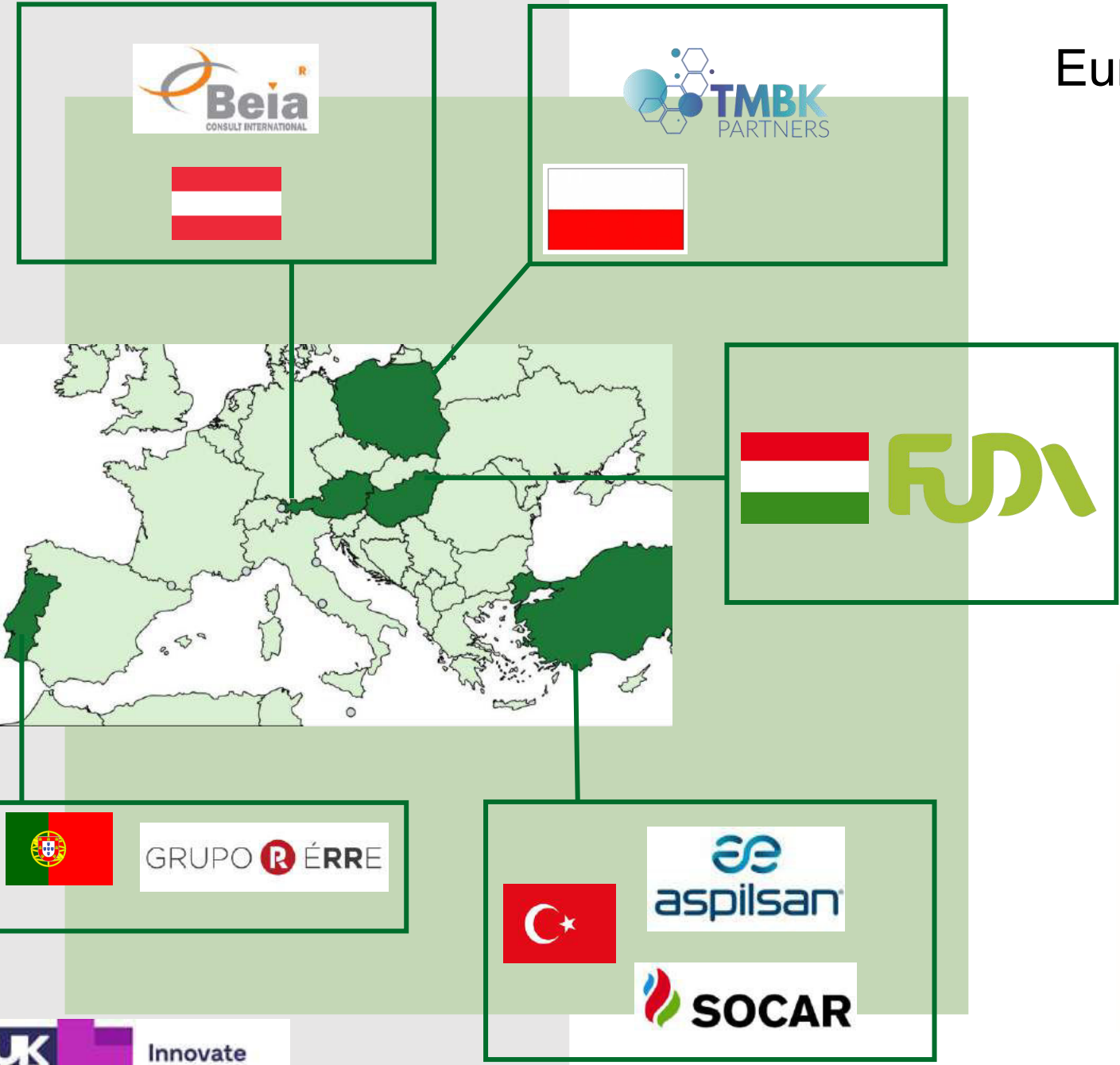
Portugal  
DIGITALMENTE  
isep  
Instituto Superior de Engenharia do Porto

Türkiye  
Elektro Med™  
iklim Teknik  
İstima & Soğutma Sistemleri

# Eurogia High Impact Labelled Project

## 4DHydrogen

Green Ammonia Production with 4D  
(Decentralization, Decarbonization,  
Derivation and Digitalization) Hydrogen





 **Eurogia** <sup>2030</sup> The Programme Call



# The Eurogia2030 Website

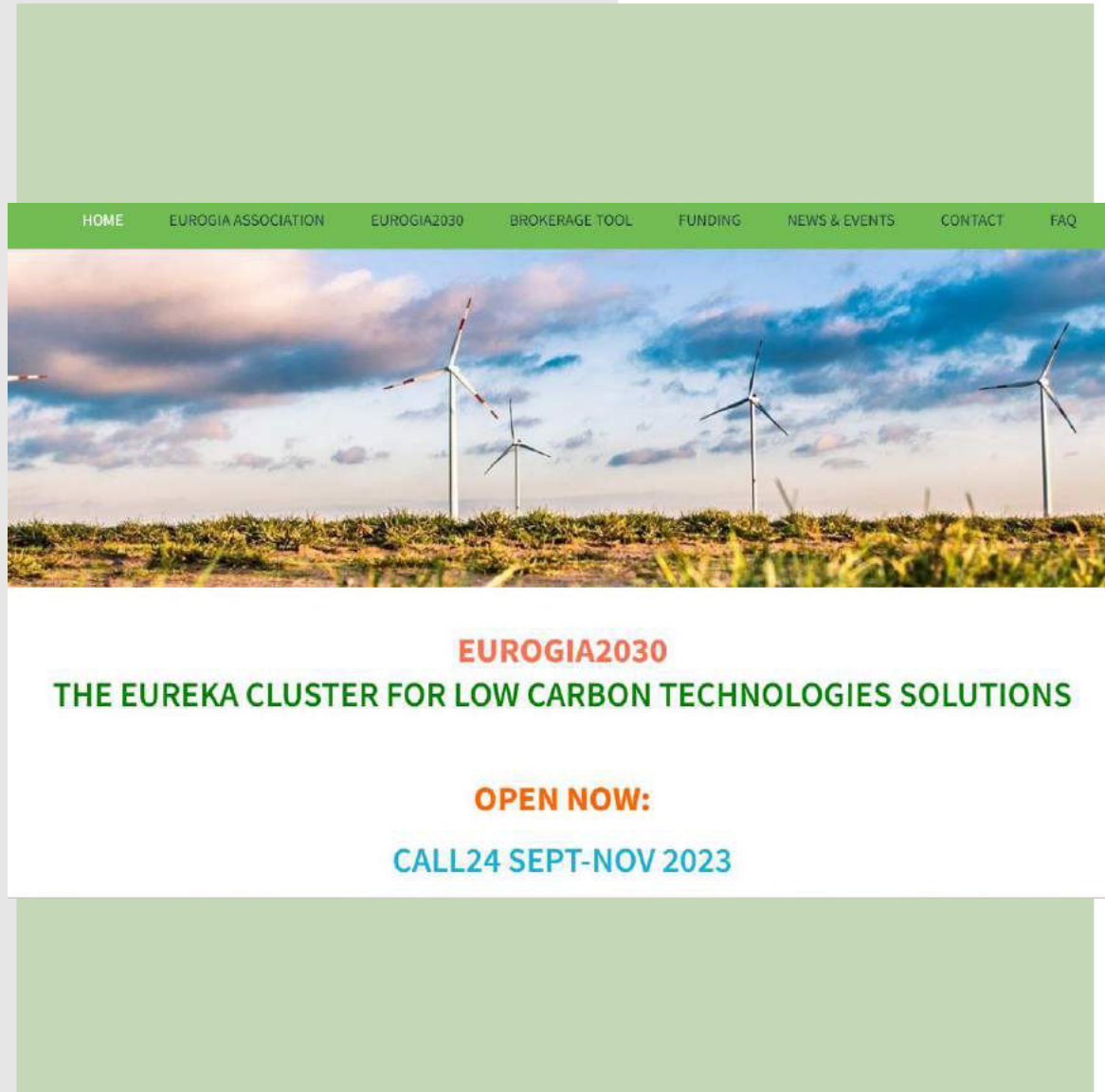
Project submissions will be based on the two steps process (1<sup>st</sup> step PO/ 2<sup>nd</sup> step FPP) accessed through the Eurogia Call Info website: <https://eurogia.eu/>

Call guidance is available on the website

Call submission support will be provided by the Eurogia cluster

It is essential for each partner to contact their supporting Public Authority at the earliest opportunity to verify eligibility

Funding rates/Rules of participation are subject to National policy



# Submit your Project Proposal

**Submission Deadline Call24: November 24th, 2023 17:00 CET**

01

**Log in the Tool:**

<https://cluster-projects.eurestools.eu/>

02

**Fill in the web forms in the Tool**

03

**Download the proposal templates in the Templates section of the Eurogia website (<https://eurogia.eu/templates/>)**

04

**Upload your proposal and all the relative documents in the Tool**

**If it is the first submission with Eurogia you have to present only the PO, Project Outline**

# Eurogia2030 Call Process (two steps)

- 1st Step: submission of a **Project Outline (PO)**

*Evaluation of the PO by the Eurogia Technical Committee + recommendation from Public Authorities*

- 2nd Step: Submission of a **Full Project Proposal (FPP)** in the following CALL
- Granting of the Eurogia2030 LABEL
- National Application to the Funding Bodies

**Open Now: CALL24**

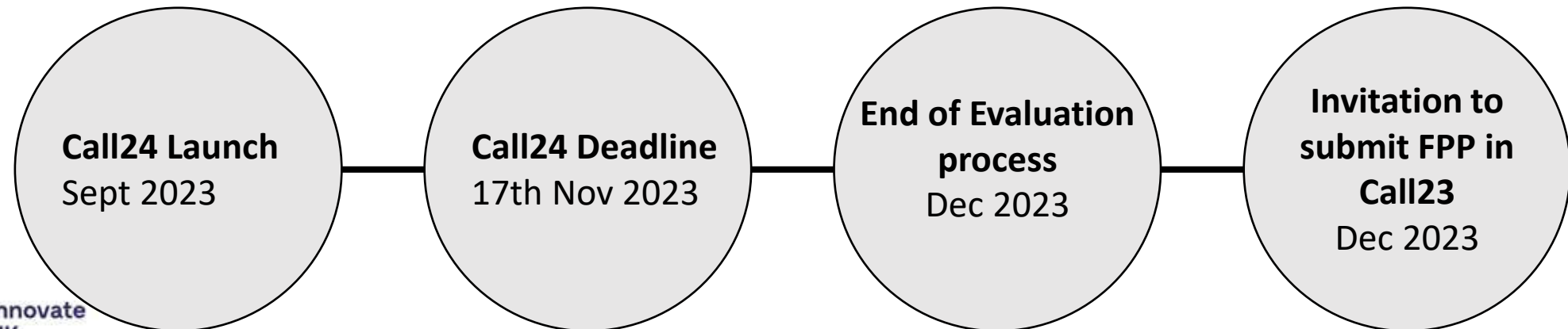
Deadline 17th Nov 2023

**Upcoming Call : CALL25**

Launch: Jan 2024

Deadline: Mar 2024

## CALL24 TIMELINE

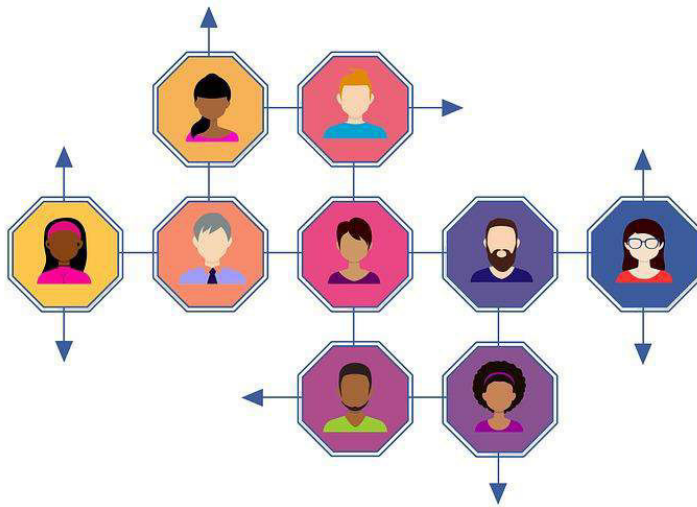


## EUROGIA BROKERAGE TOOL

<https://eureka-eurogia-green.eu/eurogia-brokerage-tool/>

*In order to support you in preparing your project proposal for EUROGIA Calls, we have created an online Brokerage tool. It enables you to:*

- ***Upload your Project idea***
- ***Upload your Expertise Offering***
- ***Look for partners via the Partner Expertise search***
- ***See the Project Ideas of others***
- ***Contact Project Idea owners or partners***



The logo features a stylized green leaf with a white lightning bolt inside, followed by the word "Eurogia" in a bold green font and "2030" in a lighter green font to its right.

# Eurogia 2030

**Thank you!**

**EUREKA Programme:  
Information webinar**

09 Nov 2023 | 13:30 - 16:00 GMT



**For more info:**

**Niccolò Cividini, Eurogia2030 Programme & Office Manager**

- [www.eurogia.eu](http://www.eurogia.eu)
- [contact@eurogia.com](mailto:contact@eurogia.com)
- +32468164766

# Patrick Coge

AENEAS



**Eureka UK webinar  
Xecs Call 3 introduction**

9 November 2023

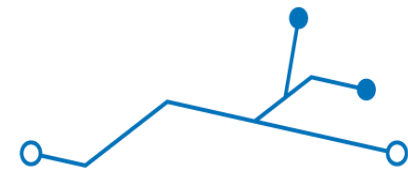
Patrick Coge, AENEAS Technical Director

**Aeneas**

**$\Sigma$ eureka**

For more information:  
[www.eureka-xecs.com](http://www.eureka-xecs.com)

Follow us  



# AENEAS association

**AENEAS is a not-for-profit Industrial Association representing its members in the Electronic Components and Systems (ECS) value chain:**

Large industries, Small and Medium Enterprises, Research institutes, universities and associated org.

## **AENEAS aims at:**

- ☺ Fostering **RD&I**
- ☺ Creating an effective funding landscape

## **Supporting the Sustainable Digital transition of Europe:**

- ☺ To maintain a competitive position
- ☺ To support its societal goals

## **AENEAS initiates and implements actions that:**

- ☺ Promote networking
- ☺ Encourage collaborative consortia work
- ☺ Facilitate access to funding support

Visit <https://aeneas-office.org/>

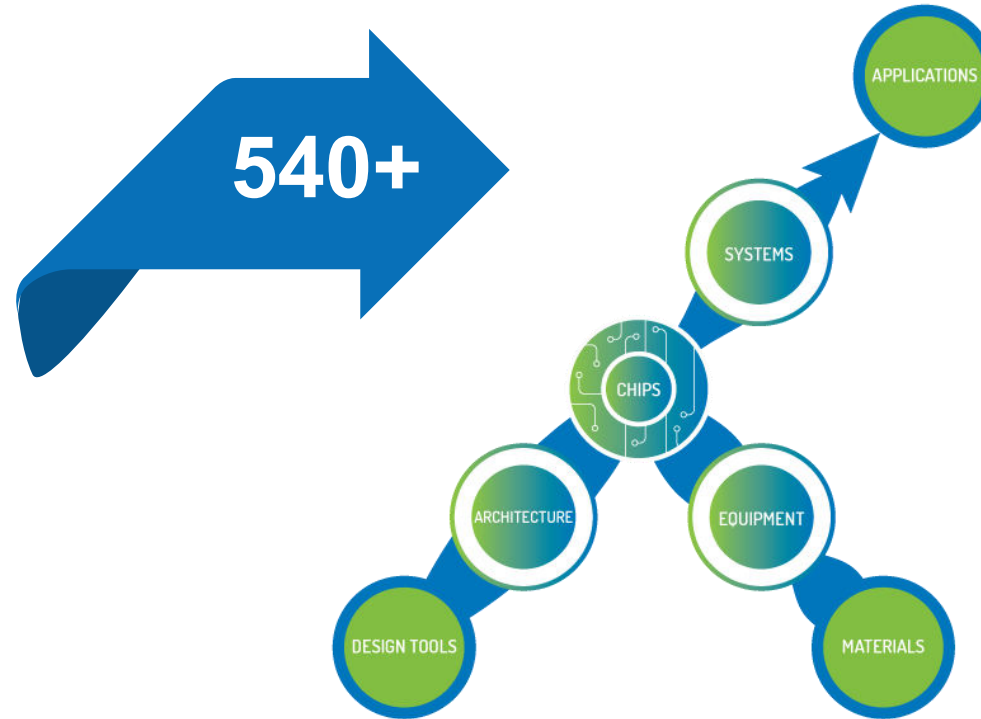
## **AENEAS synergies and partnerships with other communities**

- ☺ Agreement between **AENEAS, EPoSS & Inside** related to ECSEL, KDT and the Chips JU
- ☺ MoU with **SEMI Europe** in 2018
- ☺ MoU with **6G IA** in 2022
- ☺ MoU with **QuIC**, the Quantum Industry Consortium, in 2022
- ☺ **ICOS** CSA on International Collaboration On Semiconductors, 2023-2025
- ☺ **European Skills Chips Academy**, ERASMUS+ project, 2023-2027



# AENEAS members are key industrial players

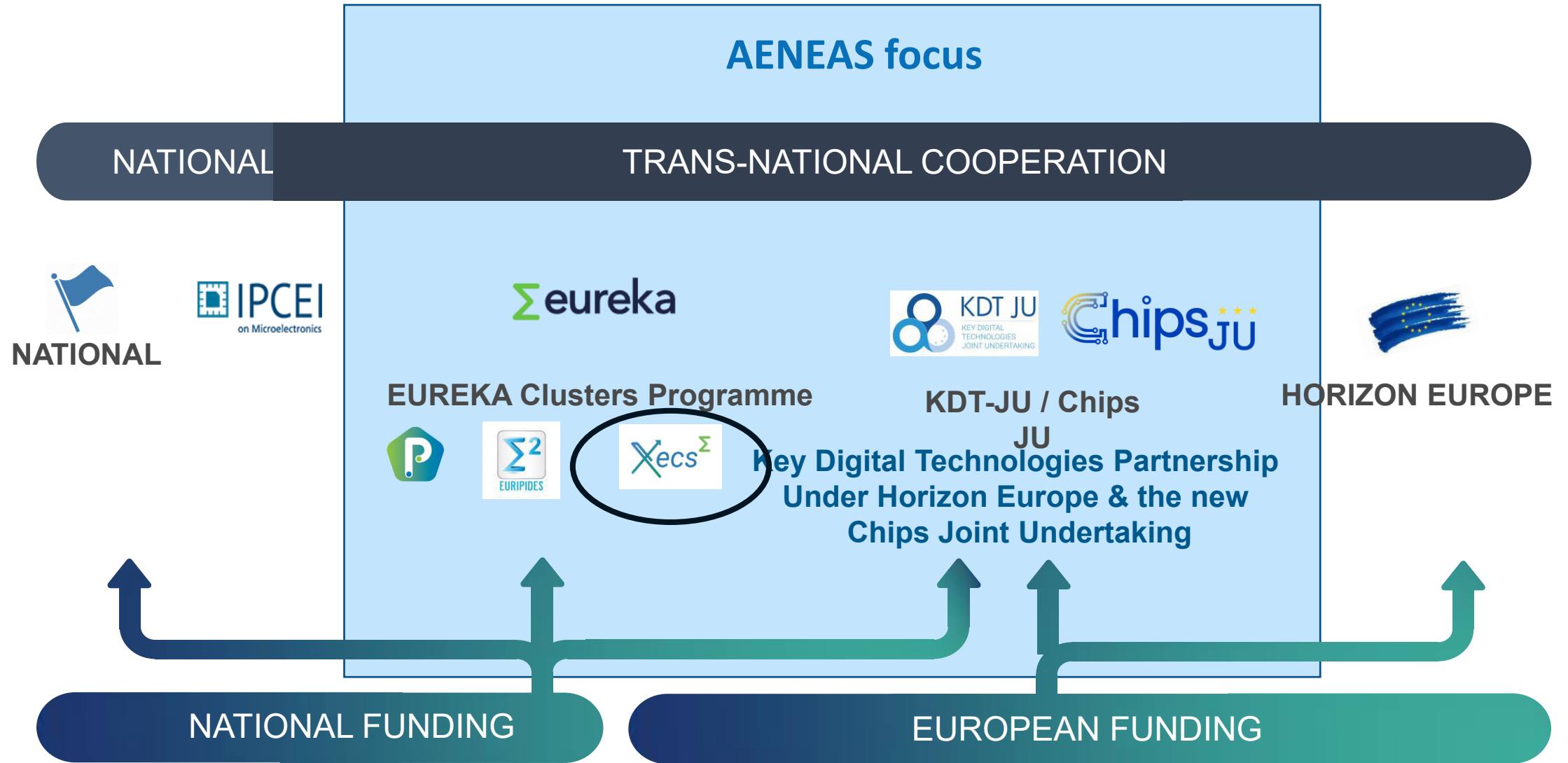
Kurt Sievers, President and CEO of NXP Semiconductors, is AENEAS President



See <https://aeneas-office.org/>

540 members at the end of June 2023:  
50% SMEs, 24% RTO, 23% Corporate, 4% Associate

# The EU RD&I funding landscape for the ECS industry



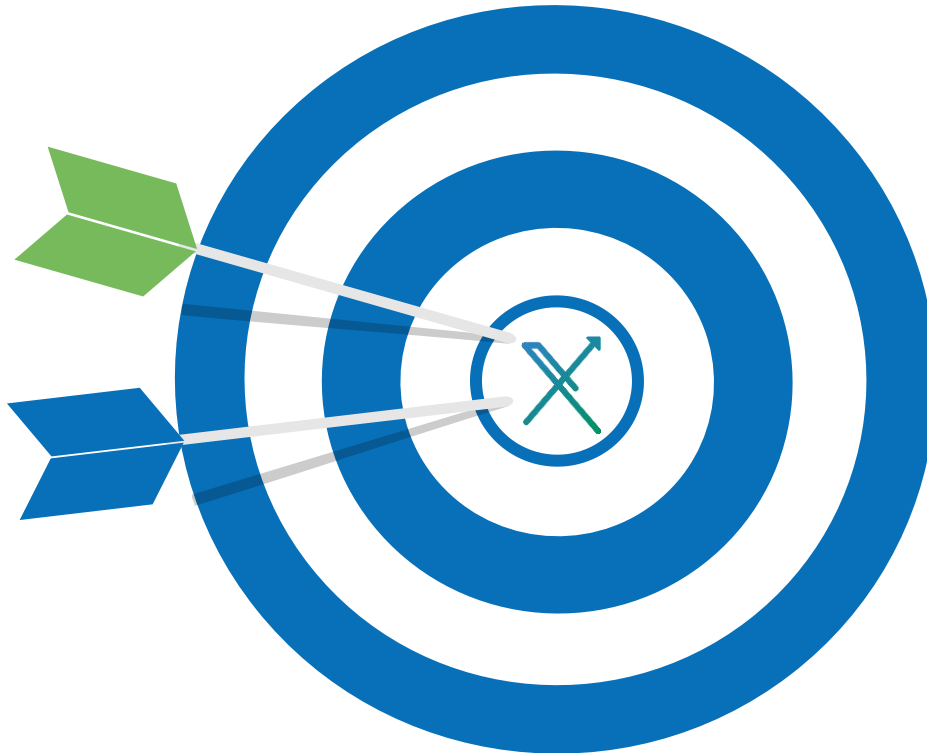


# Xecs - A Eureka Cluster

Public authorities

Private

- Large enterprises,
- SMEs,
- Universities,
- RTOs



Transnational RD&I

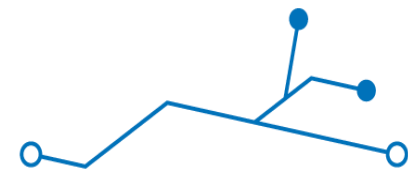
A Eureka Cluster supporting:

- ✕ RD&I in the field of Electronic Components & Systems

Xecs is managed and operated by the **AENEAS** Industry Association, benefiting from:

- ✕ Complementary activities within the ECSEL/KDT Joint Undertaking
- ✕ Direct experience from Catrene, Euripides<sup>2</sup>, Penta Clusters

**Supported also by EPoSS and Inside Industry Associations**



# Supporting countries

23 countries active in Xecs project submissions

*Austria*



*Belgiu*



*Canada*



*Czech*



*Denmark*



*Finland*



*France*



*Germany*



*Hungar*



*Ireland*



*Israel*



*Latvia*



*Luxembourg*



*Malta*



*Poland*



*Portug*



*South Korea*



*Spain*



*Sweden*



*Switzerlan*



*The Netherlands*



*Türkiye*

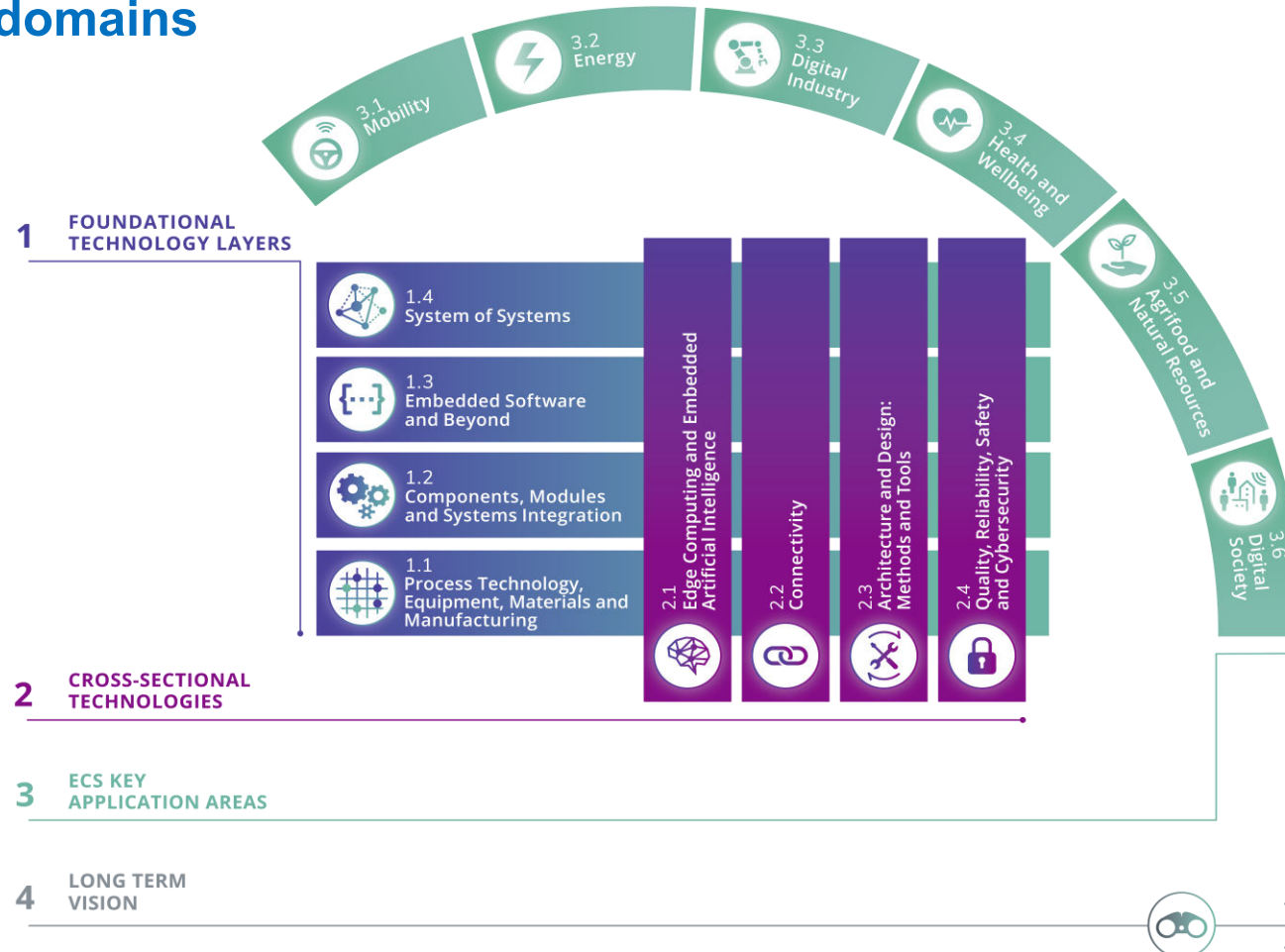


*United Kingdom*



# ECS SRIA

- Basis for RD&I activities in ECS in Europe (In particular, Xecs, KDT and the Chips JU)
- Coordinated by the AENEAS, EPoSS and Inside Industry Associations
- Adressing all ECS-SRIA domains
- Open to all to contribute
- See <https://ecssria.eu/>



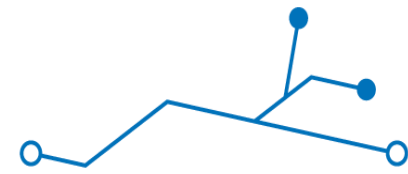
## Interesting challenges for Xecs Call 3



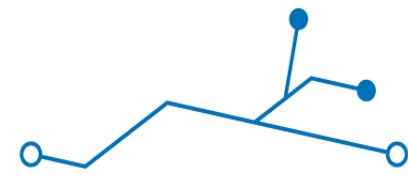
- ✕ Basic requirement: follow the ECS SRIA (<https://aeneas-office.org/strategy/ecs-sria/>)
- ✕ Complement other programmes, like KDT and IPCEI ME/CT
- ✕ Disaster recovery and resilience (earthquakes, storms, tsunami, floods, fire, etc.)
- ✕ Climate change, sustainability
- ✕ Work with adjacent communities: Photonics, Quantum, etc.



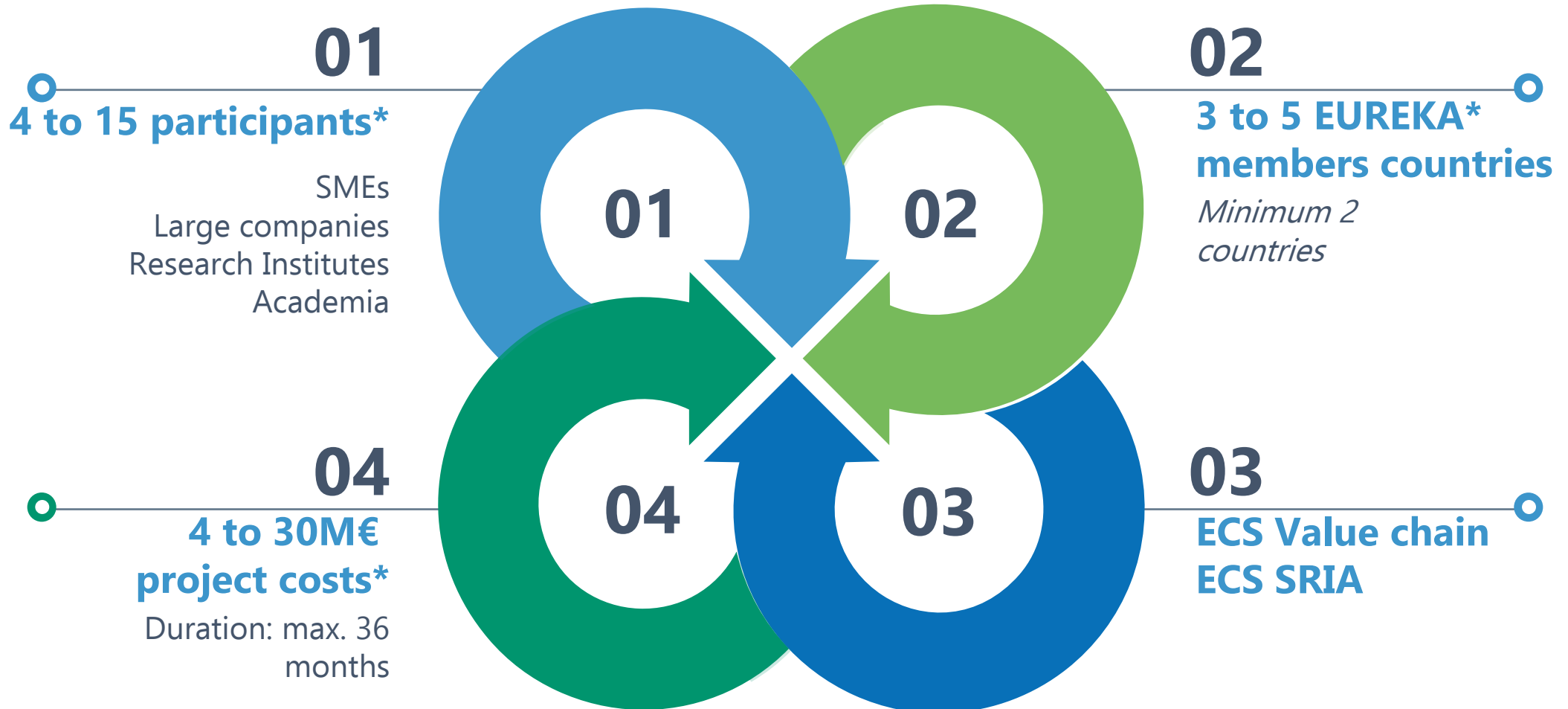
## Eligibility criteria



- ✘ Developing a product, process or service
- ✘ The project must have a civilian purpose
- ✘ At least 2 independent partners from 2 different Eureka countries
- ✘ Mid-sized projects - 35 person years (PY) minimum
- ✘ No single organisation or country can be responsible for more than 70% of the project budget
- ✘ Market oriented

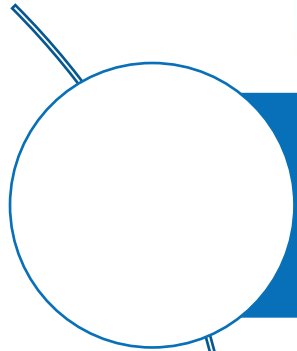


# Xecs typical project

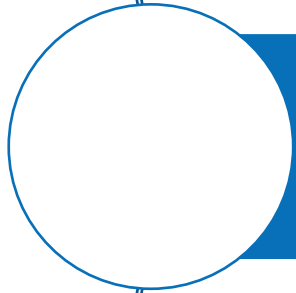


\* Figures represent a range of a typical project and are not limits

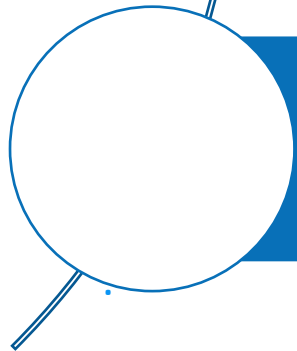




Gallium Nitride (GaN) GaN transistors are wide-bandgap compound semiconductor devices that revolutionize power electronic systems. They offer lower resistance, faster switching times, and reduced losses compared to silicon devices. GaN enables higher operation frequencies, leading to smaller passive components and more compact power electronic systems.



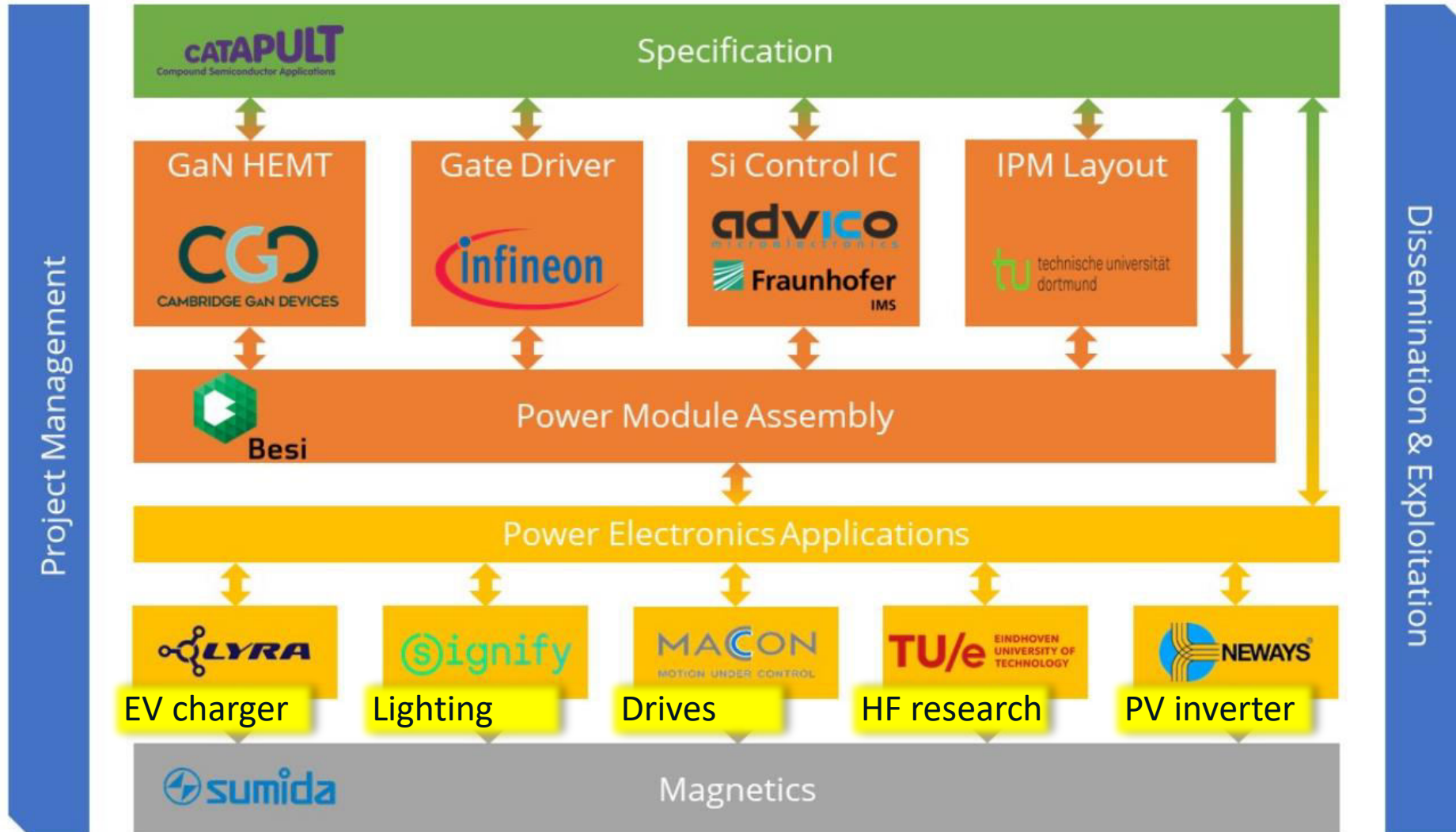
13 project partners, overall budget 10.4 M€, 72 Person-Years, 39 months  
Funded by Germany, The Netherlands and UK

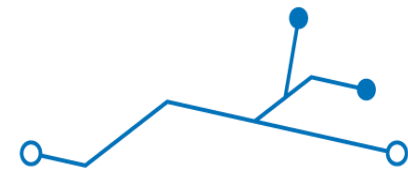


The project built a co-packaged intelligent GaN power module, which integrated GaN technology into a compact and efficient power module design. It successfully demonstrated the higher efficiency and compactness of GaN-based systems in a range of power systems

# GaNext

## Consortium and workplan






# Why participate?




To take advantage of trans-national RD&I cooperation, along the whole value chain and related national funding in a broad range of countries also beyond Europe



To access expertise and get professional guidance coaching and mentoring from industrial experts and the Xecs team




To boost competitiveness, accelerate growth and shorten time to market



Create disruptive ideas, get access to (new) markets and increase your international visibility




# How Xecs works



- ✕ Idea Generation
- ✕ Brokerage
- ✕ Consortium Building



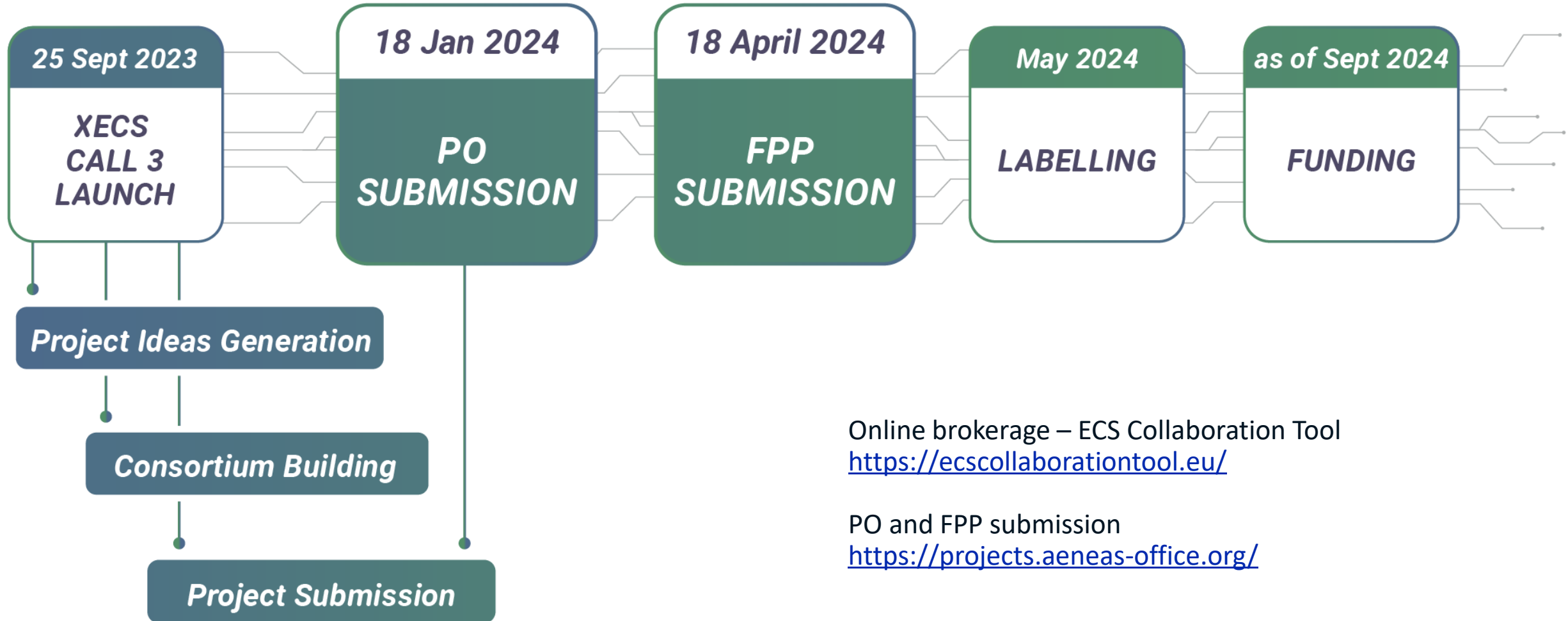
- ✕ Two step review process
- ✕ Project Outline submission
- ✕ Full Project Proposal submission
- ✕ Labelling & Funding decisions



- ✕ Project Start
- ✕ Change Request Process
- ✕ Project Monitoring
- ✕ Final Review
- ✕ Long-term impact analysis



# Xecs Call 3 timeline



Online brokerage – ECS Collaboration Tool  
<https://ecscollaborationtool.eu/>

PO and FPP submission  
<https://projects.aeneas-office.org/>

# Xecs Call 3 - webinars

To best benefit from the Xecs Matchmaking event and ease your Project Outline submission



WEBINAR  
"How to use  
the ECS  
Collaboration Tool"

7 September 2023  
11:00 - 12:00 CEST

Xecs  $\Sigma$   
eureka

MORE ON THE EVENT



WEBINAR  
"How to submit  
a Project Proposal  
in the Project Zone"

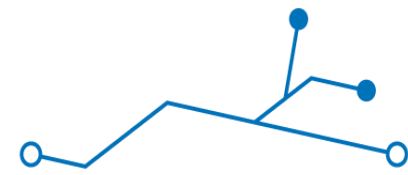
25 October 2023  
11:00 - 12:00 CEST

Xecs  $\Sigma$   
eureka

MORE ON THE EVENT

<https://www.youtube.com/watch?v=aAfrnfPRDlc>

[https://www.youtube.com/watch?v=\\_cjHBp6VxQc](https://www.youtube.com/watch?v=_cjHBp6VxQc)



## Follow us!

On twitter and LinkedIn

[@xecs\\_eureka](https://twitter.com/xecs_eureka)

Follow us on  
Twitter



[Xecs](https://www.linkedin.com/company/xecs)

**FOLLOW US ON  
LINKEDIN**

# Xecs Team



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office.org



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office.org





# Xeecs $\Sigma$

Aeneas

$\Sigma$ eureka

For more information:  
[www.eureka-xecs.com](http://www.eureka-xecs.com)

Follow us  

# Paul Bello

UK National Contact Point Industrial Biotechnology



Innovate  
UK

# Eureka Cluster Smart Advanced Manufacturing Call#7

**Briefing Webinar**

Date: 9<sup>th</sup> November 2023

**Paul Bello**

Innovation Lead and Associate NCP – Industrial Biotechnology, Bioeconomy  
Materials & Manufacturing Sector Team

# Innovate UK

- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

## Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



# Background, Scope



Innovate  
UK



## A programme of support for innovative UK companies to go global

- Innovate UK supports UK businesses to ‘go global’ in activities that will help their growth and may also help solve global challenges in partnership with other countries
- We do this through an ever-evolving toolkit of support
  - *Horizon Europe, Missions, Bi- & Multi-lateral CR&D funding programmes ...*

### A typical Cluster project is...



**EUREKA Cluster** is a nation co-fund programme\*, and only one of the tool kit’s international funding instruments

...

*\*Not Horizon Europe funding*

**EUREKA**



## The UK, a supporting country:

- **Up to £5MN** pledge to the current **Eureka Cluster smart advanced manufacturing Call#7**

## Eureka Eligibility Criteria (general):

- must follow standard Eureka Cluster consortia rules of country representation and 'balanced' budget allocation across all partners
- TRL ~5-8
- civil applications, not defense



## UK Eligibility Criteria:

- **must have FPP smart 'label' (21<sup>st</sup> June 2024)**
- must involve at least one UK-based SME
- collaborative with independent UK-based businesses of any size and UK-based research organisations
- majority (>80%) of the UK funded work within UK
- subcontractors & research organisations allowed, preferably UK-based, capped at shared 20% or 30%, respectively, of the total eligible project costs of the UK partners
- research organisations cannot lead on an application, must collaborate with UK-based SME
- research organisations must be able to show how they will exploit the results of the project to grow the wider advanced manufacturing sector in the UK

# EUREKA









## Eureka Scope Criteria (general):

- support & grow the entire advanced manufacturing value chain
- help the formation of innovation “ecosystems” with the potential of rapid exploitation
- a clear route to commercial markets within 2 to 3 years of project completion
- cover at least an essential section of the total value chain in addressing **any 6 essential technical capabilities** required to meet **any 6 key application needs**:

### Technical domains

-  Advanced Manufacturing Processes
-  Smart & Adaptive Manufacturing Systems
-  Digital, Virtual and Efficient Companies
-  Person-machine Collaboration
-  Sustainable Manufacturing
-  Customer-Based Manufacturing

### Key application areas

-  Aerospace
-  Automotive
-  Railway
-  Consumer goods
-  Capital goods
-  Industrial Components



**EUREKA**



## UK Scope Criteria:

- one or more innovation of products and solutions across;
  - *Net Zero and resource efficiency through smart design*
  - *Digitalisation*
  - *Increased Productivity*
  - *Flexible Manufacturing*
  - *Resilience and responsiveness in supply chains*



## UK Scope Criteria (cont.):

- emphasis on one or more **Sustainable Manufacturing Technical Domains** (Eureka);
  - *Cleaner processes, with less resource consumption: materials, energy, lubricants, etc. and reduction of generated waste*
  - *Improving the cost and weight of parts using additive manufacturing and other net-shape manufacturing techniques*
  - *Design aimed at manufacturing, assembly, disassembly, re-manufacturing, reuse and recycling*
  - *Processes with zero emissions and waste, towards zero defects*
  - *Industrial symbiosis: using, recovering and redirecting resources for reuse ('use/re-use')*
  - *Reduction of the carbon footprint of production processes*
  - *Recyclability of new materials, LCA, 'end-of-life'*

*Innovate UK will **not** consider projects where innovation resides primarily in software*

# Scope Q&A



Innovate  
UK



# Eligibility criteria



# Eligibility criteria

<b>Project eligibility</b>	<ul style="list-style-type: none"><li>• Eureka smart FPP 'label' (21st June 2024 notification)</li><li>• must be collaborative research under both Eureka 'smart' &amp; Innovate UK guidelines</li><li>• involve at least one UK SME</li><li>• must carry out &gt;80% your project in the UK, including subcontracting</li><li>• exploit the results from or in the UK</li></ul>
<b>Total grant</b>	up to £2 million
<b>Total project costs</b>	up to £700,000 per UK partner
<b>Project length</b>	24 to 36 months

# Eligibility Criteria: Funding Levels

Feasibility studies and industrial research	Experimental development	Research organisations
70% if you are a micro or small organisation	45% if you are a micro or small organisation	100% funding
60% if you are a medium-sized organisation	35% if you are a medium-sized organisation	
50% if you are a large organisation	25% if you are a large organisation	

For more information:

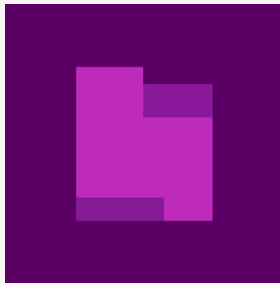
<https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/categories-of-research-and-development/#contents-list>

# Contact

## Customer Support Services

0300 321 4357 (Monday - Friday 9-5pm)

[support@iuk.ukri.org](mailto:support@iuk.ukri.org)



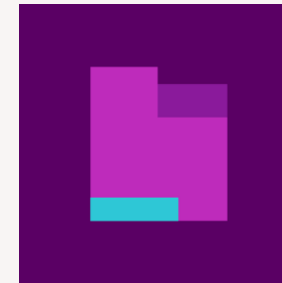
**Innovate UK**

[ukri.org/councils/innovate-uk](https://ukri.org/councils/innovate-uk)



**Innovate UK KTN**

[ktn-uk.co.uk](https://ktn-uk.co.uk)



**Innovate UK EDGE**

[innovateukedge.ukri.org](https://innovateukedge.ukri.org)

# Teresa Arumardi / Ben Morris

Innovate UK



Innovate  
UK

**EUREKA**   
innovation across borders

# EUREKA EUROSTARS

**Teresa Arumardi**

Europe and Global Portfolio Specialist  
Deputy National Programme Coordinator  
Innovate UK

**Ben Morris**

Eureka and Eurostars Programme Manager  
National Programme Coordinator  
Innovate UK

[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



# Overview

- Eurostars
- EU SME Definition
- Eurostars Typical Consortium
- Eurostars Eligibility Criteria
- UK Eligibility Criteria
- Next Eurostars Call
- Application Process
- Application Tips



# EUROSTARS

- Innovative SMEs as main project partners
- 1-billion-euro funding
- 2 deadlines per year
- 37 countries & the European Commission
- Centralised process, decentralised funding
- Non-sector specific

**NEXT EUROSTARS CALL  
DEADLINE:  
14 MARCH 2024**

Eurostars is part of the European Partnership on Innovative SMEs



Co-funded by  
the European Union

EUROPEAN PARTNERSHIP

eureka



# 37 Eurostars Countries

- |   |  |  |
|---|--|--|
|  Austria         |  Germany      |  The Netherlands  |
|  Bulgaria        |  Greece       |  Norway           |
|  Belgium         |  Hungary      |  Poland           |
|  Canada          |  Iceland      |  Portugal         |
|  Croatia         |  Ireland      |  Romania          |
|  Cyprus          |  Israel       |  Singapore        |
|  Czech Republic |  Italy       |  Slovak Republic |
|  Denmark       |  Latvia     |  Slovenia       |
|  Estonia       |  Lithuania  |  South Africa   |
|  Finland       |  Luxembourg |  South Korea    |
|  France        |  Malta      |  Spain          |
|   |  |  Sweden          |
|   |  |  Switzerland    |
|   |  |  Turkey         |
|   |  |  United Kingdom |

# EU SME definition

Enterprise category	Headcount: annual work unit (AWU)	Annual turnover	or	Annual balance sheet total
Medium-sized	< 250	≤ EUR 50 million	or	≤ EUR 43 million
Small	< 50	≤ EUR 10 million	or	≤ EUR 10 million
Micro	< 10	≤ EUR 2 million	or	≤ EUR 2 million

# A Typical Eurostars Project



**3-4**  
participants



**2-3**  
countries



average duration  
**30** months



average project cost  
**€1.4** million

# Eurostars Projects must meet 7 eligibility criteria



Led by **innovative SME** from Eurostars country



At least **two Eurostars countries**, with at least one organisation from EU or Horizon Europe Associated Country



At least **two independent entities**



Budget of **SMEs** from Eurostars countries (excluding subcontracting) must be at least **50%** of total project budget



No single **participant** or **country** is responsible for more than **70%** of total project budget



Maximum duration: **36 months**



**Civilian purpose**

# UK Eligibility

- Innovate UK will only fund SMEs, other types of organisation can participate but must self-fund.
- Innovate UK contribution is £2.5m per call.
- Grant is €360k or 60% of costs, whichever is least.
- UK subcontracting is capped at 20% of the UK partner eligible costs.
- Overheads are capped at 25% of Labour.
- The UK entity must have at least 12 months of trading history at point of submission deadline.
- [Cost Guidance](#) – Eligible costs for UK partners.

The project must be led by Innovative SME, one that:


- invests 10% or more of its turnover into research, or
- has 10% of its full-time equivalent staff working on research activities, or
- has 5 or more full-time staff working on research activities, if the SME has 100 or fewer employees, or
- has 10 or more full-time staff working on research activities, if the SME has more than 100 employees.

You must follow:

- [Eurostars eligibility criteria](#) link takes you to the UK page, you can change country on the Funding Information tab.
- [Innovate UK Criteria](#) at the competition application deadline and throughout your project.
- [Eureka Home Page](#).



# Eurostars 3 call 6



The image shows a screenshot of the Eureka website. The background is a textured brown paper. A white box with a dark blue border contains the Eureka logo (a green sigma symbol followed by 'eureka') and a 'Home' link. Below the logo, the text reads: 'Eurostars call for projects MAR 2024'. Underneath, it specifies the dates: 'FROM JANUARY 12, 2024 AT 24:00 UNITED KINGDOM TIME' and 'TO MARCH 14, 2024 AT 13:00 UNITED KINGDOM TIME', followed by 'THE CALL CLOSES ON 14 MARCH 2024'. Below the white box, a dark blue banner contains two lines of text: 'More information: [Eureka | eurostars-funding-programme-2023-call-6 \(eukanetwork.org\)](https://eukanetwork.org/eureka/eurostars-funding-programme-2023-call-6)' and 'Virtual Marketplace: [Eurostars 6th call Matchmaking Sustainability - Home \(b2match.io\)](https://b2match.io/eurostars-6th-call-matchmaking-sustainability-home)'.



# Application Process

- You will need an [EPMP](#) account in order to apply. Registration and application will only be possible when the call is live.
- Follow the [guidance](#) on completing the application.
- Further information, such as video recordings and an offline application form can be found in the [Library](#) tab on the Eurostars webpage.
- If you have questions, please contact us at [eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)
- If you have issues with the EPMP contact [applications@eurostars-eureka.eu](mailto:applications@eurostars-eureka.eu)

# Factors for Success

- Be available - Allow time for necessary preparation (especially for partner search, project proposal, consortium agreement, etc.).
- Don't allow yourself to be surprised by anything - Do your homework and if needed, speak to your National Project Coordinator (NPC) at [eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org).
- Be technologically ambitious while remaining realistic - define a methodical approach in line with partnership, budget and time limit set for the completion of the project and the marketing of its results.
- Point out the innovative nature of the proposal submitted - present new industrial applications and their impact on the sector and relevant markets.
- Set clear, measurable and verifiable objectives - Define success indicators for technological performance as well as the commercial and financial targets to achieve.

# Factors for Success

- **Build up a « win-win » cooperation** - Show complementarities and added value of trans-national partnership during and after the project.
- **Show partnership's ability to meet its commitments** - Demonstrate each party's management, scientific and technical skills as well as its available financial resources for the project.
- **Demonstrate clearly why the project should be financed** - Highlight the risks and the strategic character of the project in terms of expected commercial and financial impact, show value for money.
- Promote the key elements the evaluators are looking for and ask an objective party to read it. **Proof-read it** – this is the cheapest way of making it better.

[Eureka | Funding information](#)  
[eurekanetwork.org](http://eurekanetwork.org)

[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



Department for  
Science, Innovation  
& Technology

**EUREKA**   $\Sigma!$   
innovation across borders

# Teresa Arumardi

Innovate UK



Innovate  
UK

# EUREKA – ITEA 4

## UK Eligibility

**Teresa Arumardi**

Europe and Global Portfolio Specialist  
Deputy National Programme Coordinator

Innovate UK

[eurekanpc@iuk.ukri.org](mailto:eurekanpc@iuk.ukri.org)



# UK Eligibility

## Your project

- UK applicants can apply for total grant of up to £750,000 for each project partner.
- All types of UK registered organisations can apply for funding.
- Expected project duration 12 – 36 months.
- Your project must be collaborative.
- [Further guidance](#)

## Funding

We have allocated up to £5,000,000 to fund innovation projects in this call.

For industrial research projects, you could get funding for your eligible project costs of:

- up to 70% if you are a small enterprise
- up to 60% if you are a medium enterprise
- up to 50% if you are a large enterprise
- UK registered [research organisations](#) in your consortium can share up to 30% of the UK total eligible project costs. If your consortium contains more than one UK research organisation, this maximum will be shared between them.

Of that 30% you could get funding for your eligible project costs of up to:

80% of full economic costs (FEC) if you are a Je-s registered institution such as an academic

Je-S helpdesk

Email: [JeSHelp@je-s.ukri.org](mailto:JeSHelp@je-s.ukri.org)

Telephone: 01793 444164

# EU SME definition

Enterprise category	Headcount: annual work unit (AWU)	Annual turnover	or	Annual balance sheet total
Medium-sized	< 250	≤ EUR 50 million	or	≤ EUR 43 million
Small	< 50	≤ EUR 10 million	or	≤ EUR 10 million
Micro	< 10	≤ EUR 2 million	or	≤ EUR 2 million



# Eureka Cluster ITEA 4

## Sample Project Cost Calculation

Maximum Grant = £750K per project partner or intervention rate per UK project partner, whichever is lower.

Example UK side consortium partners: 1 micro or small business, 1 medium-sized business, 1 large business, and 1 university,

Micro/Small - Eligible costs = £500K, then grant awarded = £350K.

Medium – Eligible costs = £800K, then grant awarded = £480K.

Large – Eligible costs = £1.8M, then grant awarded = £750K as 50% intervention is greater than max grant.

Total Business eligible costs = £3.1M so this is only calculated for business cost, excluding university/ ROs costs.

University can apply for 30% of total business eligible costs (£3.1M), hence £930K. This is greater than the max grant of £750K, therefore the university will receive £744K as they receive 80% of their total eligible costs (£930K).

# Current Call Schedule

## Current Call

### Schedule

Find below the (preliminary) schedule of the ITEA Call 2023:

Opening of the Call	12 September 2023
<a href="#">ITEA Project Outline preparation Days</a>	12-13 September 2023
Deadline for submission of Project Outlines (PO)	13 November 2023 - 17:00 CET
Letter of Intent	27 November 2023
Announcement of POs invited for Full Project Proposal (FPP) submission & rejected POs	19 December 2023 (TBC)
FPP preparation	<a href="#">Check the FPP instruction videos here</a>
FPP briefing webinar	21 December 2023 - 15:00-17:00 CET
Deadline for submission of FPPs	19 February 2024 - 17:00 CET
Declaration of Acceptance (DoA)	4 March 2024
Announcement of labelled and rejected FPPs	25 March 2024
National funding applications	Q4 2023 - Q2 2024

# Key Challenges



Smart cities



Smart communities



Smart health



Smart mobility



Smart industry



Smart energy



Smart engineering



Safety and Security

[ITEA 4 · Home · Welcome](#)

[\*\*eurekanpc@iuk.ukri.org\*\*](mailto:eurekanpc@iuk.ukri.org)



Department for  
Science, Innovation  
& Technology

# Tom Kirkham

Celtic-Next

# CELTIC-NEXT UK FOCUS

Tom Kirkham

Innovation Lead Future Network Technology

[Tom.Kirkham@iuk.ukri.org](mailto:Tom.Kirkham@iuk.ukri.org)

# Benefiting everyone through knowledge, talent and ideas

UK Research and Innovation brings together the 7 Research Councils, Innovate UK and Research England.

As part of UK Research and Innovation, Innovate UK drives productivity and economic growth by supporting businesses to develop and realise the potential of new ideas including those from the UK's world-class research base.



**UK Research  
and Innovation**

# Innovate UK

- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

## Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.

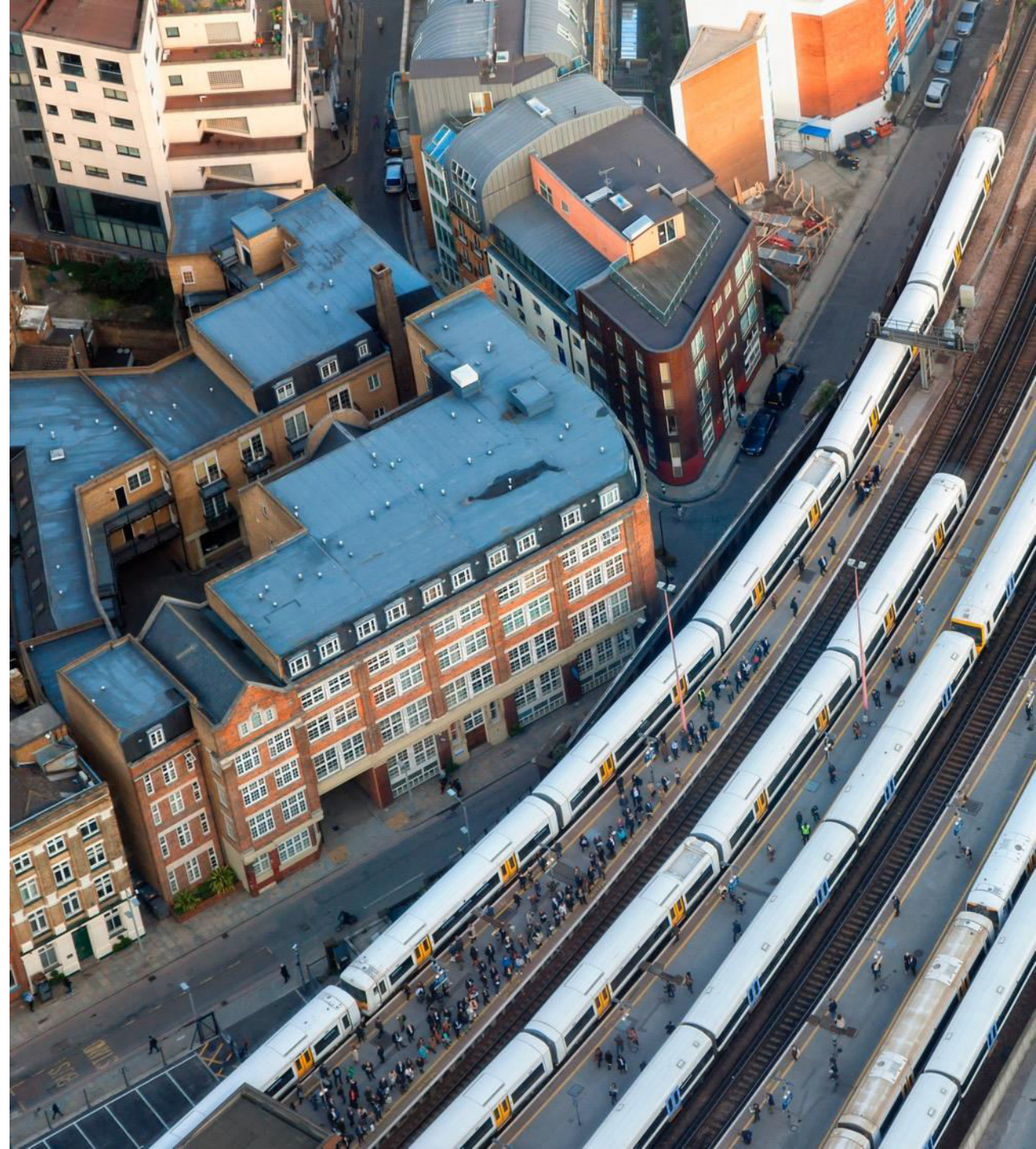




# UK Support

- Innovate UK Funding
  - Yearly Budget ~ **£5m**
  - Up to **700k** per project (UK funding)
- Innovate UK to administer the UK competition
  - **Usual IUK funding rates** i.e.
    - 70% SME Industrial Research
    - 80% Academia rate
- More info please get in touch

[Tom.Kirkham@iuk.ukri.org](mailto:Tom.Kirkham@iuk.ukri.org)



# Competition Process

1. Initial **submission to CELTIC-NEXT** as part of **wider project**
  - Projects **ranked** and successful projects notified
2. Projects with “Label” from CELTIC-NEXT UK **apply via Innovate UK**
  - Submissions open **early 2024**
3. IUK support to **live projects**
  - Help in forming collaboration agreements and project management
  - Assigned **monitoring officer** to help with reporting and claims

# Areas of Interest: Technology

- **OpenRAN** implementations, demonstrations and innovations
- Innovation within the **RIC** including development of Xapps/RApps
- **Energy** efficient networking
- **Open standards** and interfaces within network implementations including Mobile, IoT, Fog / edge computing.
- **Satellite / Non Terrestrial Communication** and technologies converging with mobile
- **Novel chipsets** and use of compound semiconductors

# Areas of Interest: Use Cases

- Projects need to have a **route to market**
- Wide ranging application areas to **align with wider CELTIC call**
  - Including by **not limited** to:
    - Smart City application of technology
    - eHealth Application
    - Industry 4.0 Manufacturing
    - Circular Economy
- **Public and private** deployments are valid
  - Would like to see use of **open standards** and contribution to standards development i.e. linking to organisations such as ETSI



UK Research  
and Innovation

**Thank you**  
**Tom.Kirkham@iuk.ukri.org**



**Twitter:** @UKRI\_News

**LinkedIn:** UK Research and  
Innovation

**YouTube:** UK Research and  
Innovation

# Xavier Priem

Celtic-Next

# **CELTIC-NEXT** Σ eureka Cluster

## EUREKA - UK briefing webinar, 9th Nov 2023 CELTIC-NEXT Introduction

Xavier Priem, CELTIC-NEXT Director



## Who is CELTIC-NEXT?



[www.celticnext.eu](http://www.celticnext.eu)



CELTIC-NEXT is the world industry-driven ECP\* ICT\*\* not for profit **cluster** involving major ICT\*\* industry players, service providers, many SMEs, and research institutions & academia to enable a secured, trusted, and sustainable digital society.

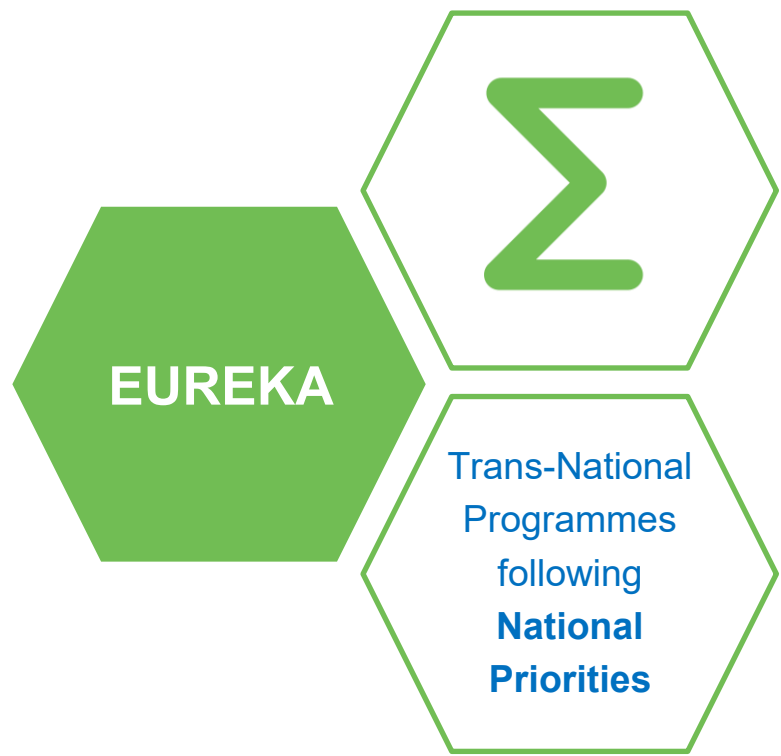
\*Eureka Clusters Program, launched on 17/6/2021, CELTIC-NEXT was launched earlier, in 2003



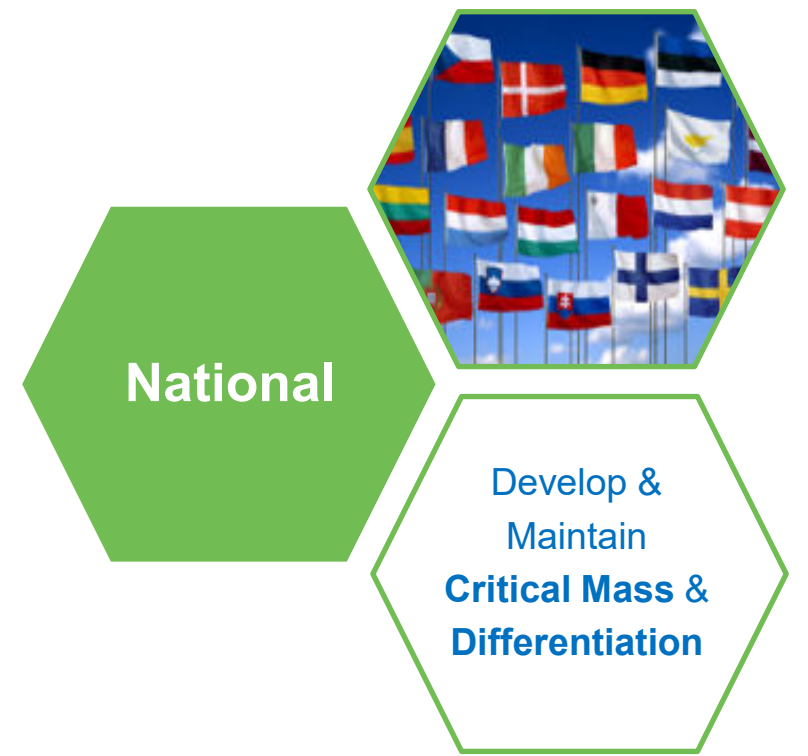
# CELTIC-NEXT in the European innovation landscape



**6GSNS**



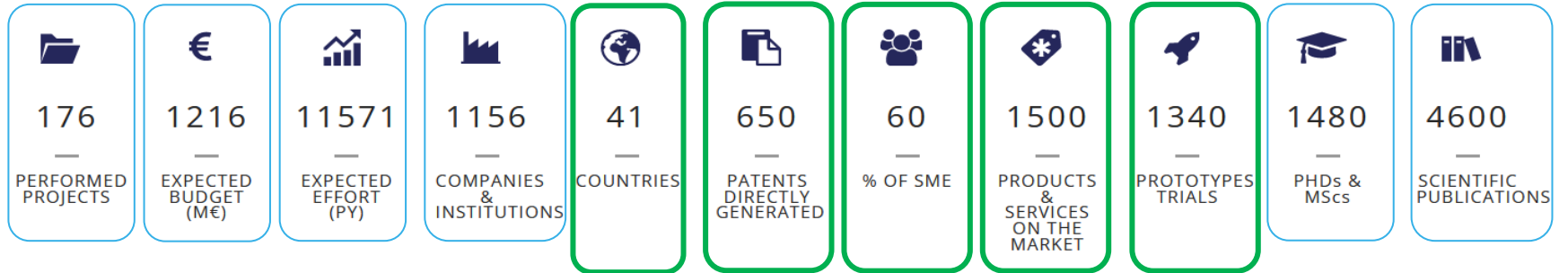
 **CELTIC-NEXT**  
Σ eureka Cluster



 **Platform Germany**  
6G Bridge - Finland  
Future Network Services - **Netherlands**  
...

# Who is CELTIC-NEXT?

Since its launch in 2003, CELTIC has achieved:



CELTIC-NEXT is open to all entities willing to align their business targets with their national public priorities, by running common RD&I\*\*\* projects to advance the development and uptake of advanced ICT solutions, thus accelerating their own Time-To-Market.



# CELTIC-NEXT Mission, Vision and Roadmap

**The mission of CELTIC-NEXT for the next 4 years is to:**

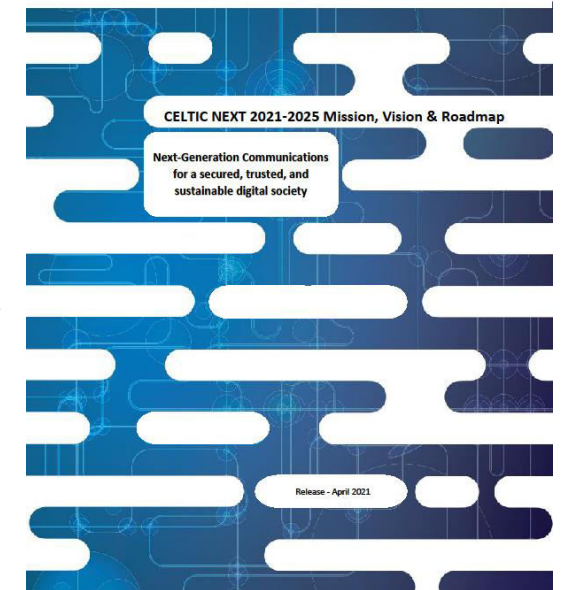
- Foster our Eureka collaborative RD&I program for the ICT community
- Accelerate the deployment and take up of advanced ICT services
- Employing the new network concepts of 5G and leading to the ownership and implementation of 6G in Eureka countries

**It is crucial to consolidate the position of :**

- Eureka manufacturers and service providers
- With a high degree of Eureka sovereignty

**A strong ambition of CELTIC-NEXT is to:**

- Assist Eureka National Authorities, Eureka Industry, and Eureka Societies
- Make them access to societal benefits, competitive advantages, commercial returns of being at the forefront of the new digital society



# What CELTIC-NEXT does ...

CELTIC-NEXT manages an international Quality Label that enables international consortia to apply more successfully to National Funding schemes and assemble them to fund international cooperative innovation.

- CELTIC Bottom-up calls
- CELTIC Flagship projects & open calls
- EUREKA ECP Joint Calls



**CELTIC-NEXT**  
Σ eureka Cluster

Beyond 5G & 6G, Connectivity, Networks & Telco Cloud, AI and more...

Next-generation Communications for a secured, trusted, and sustainable digital society

Smart Home | Smart Cities | Automotive Telecom | Public Safety | Smart Enterprise & Factory | IoT

SUBMIT YOUR PROPOSAL  
[www.celticnext.eu](http://www.celticnext.eu)

**CELTIC-NEXT**  
Σ eureka Cluster

**SPRING CALL 2023**  
Open for submission

Follow us on Social Media & Subscribe to our Newsletter to not miss out on any updates!

**CELTIC-NEXT**  
Σ eureka Cluster

**SPRING CALL 2023 PROPOSERS BROKERAGE DAY**

Friday 17<sup>th</sup> of March 2023  
Bpifrance Le Hub, Paris

**Σ eureka Clusters**  
Sustainability Call 2022

**Key dates**

- Proposers Brokerage Day: 17 March 2023 in Paris
- Deadline for Proposals: 24 May 2023
- Labels Notification: June 2023

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**CELTIC-NEXT**  
Σ eureka Cluster

**eurogia 2030**

**ITEA 4**

**smart**  
Advanced Manufacturing

**Xecs**

# CELTIC's Community



with over 1150 community members across 41 countries (Europe & beyond)

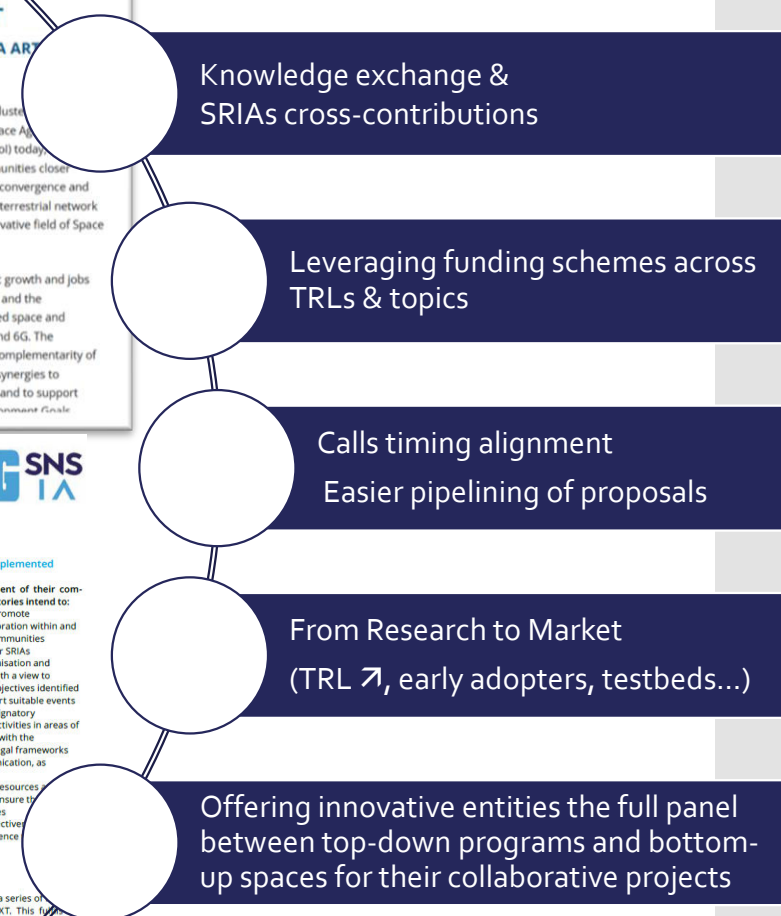
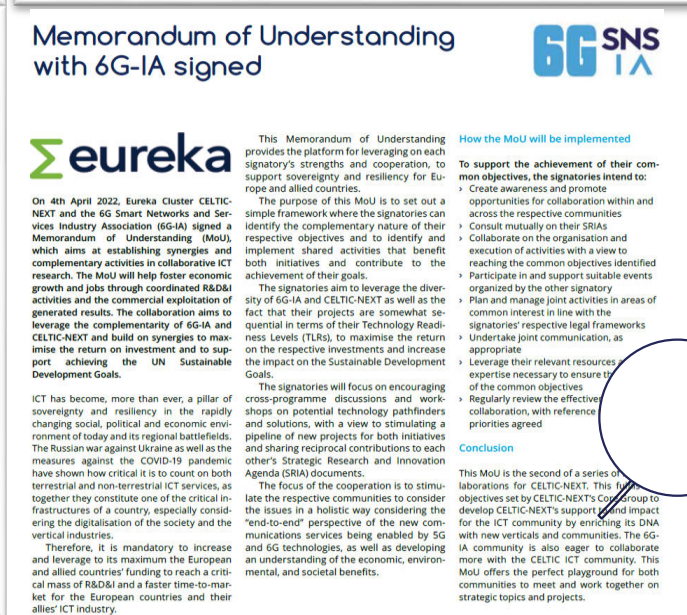
## CELTIC's Community builds its Mission, Vision & Roadmap



# CELTIC-NEXT in the European Funding Landscape

## EUREKA-CELTIC & European Space Agency MoI Signed (Nov. 2021)

## EUREKA-CELTIC & 6G-IA SNS MoU Signed (Apr. 2022)



# CELTIC-NEXT's DNA

## ➤ **Bottom-up**

Proposers are free to define their project proposal according to their own research interests

## ➤ **Close to the market**

So far projects have led to more than 1500 new or improved products and services

## ➤ **High Success Rate**

High-quality proposals have a good chance of receiving funding.  
Average success rate 60 %

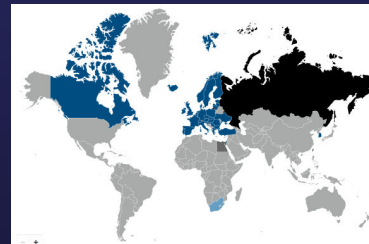
## ➤ **Flexibility**

Project focus can be adjusted to new technological developments in the field

# FOR YOUR SUCCESS

By participating, you will get

- The award of an Globally Recognised Label
- Professional coaching and mentoring
- Easy access for SMEs
- Access to SMEs for Large industry & vice-versa
- Access to partners from more than 45 countries
- Access to national funding (while having international co-innovation)
- Transnational RD&I cooperation



Expectable benefits for you

- Boosting your competitiveness
- Accelerating your growth
- Shortening time to market
- Accessing new markets
- Increasing your international visibility
- Exposing your know-how to the eco-system
- Receiving guidance, coaching and monitoring of your project by the CELTIC Office,
- flexible project coaching process where you can adapt your project plan, consortium and other aspects, in agile way, using CELTIC's Project Change Requests



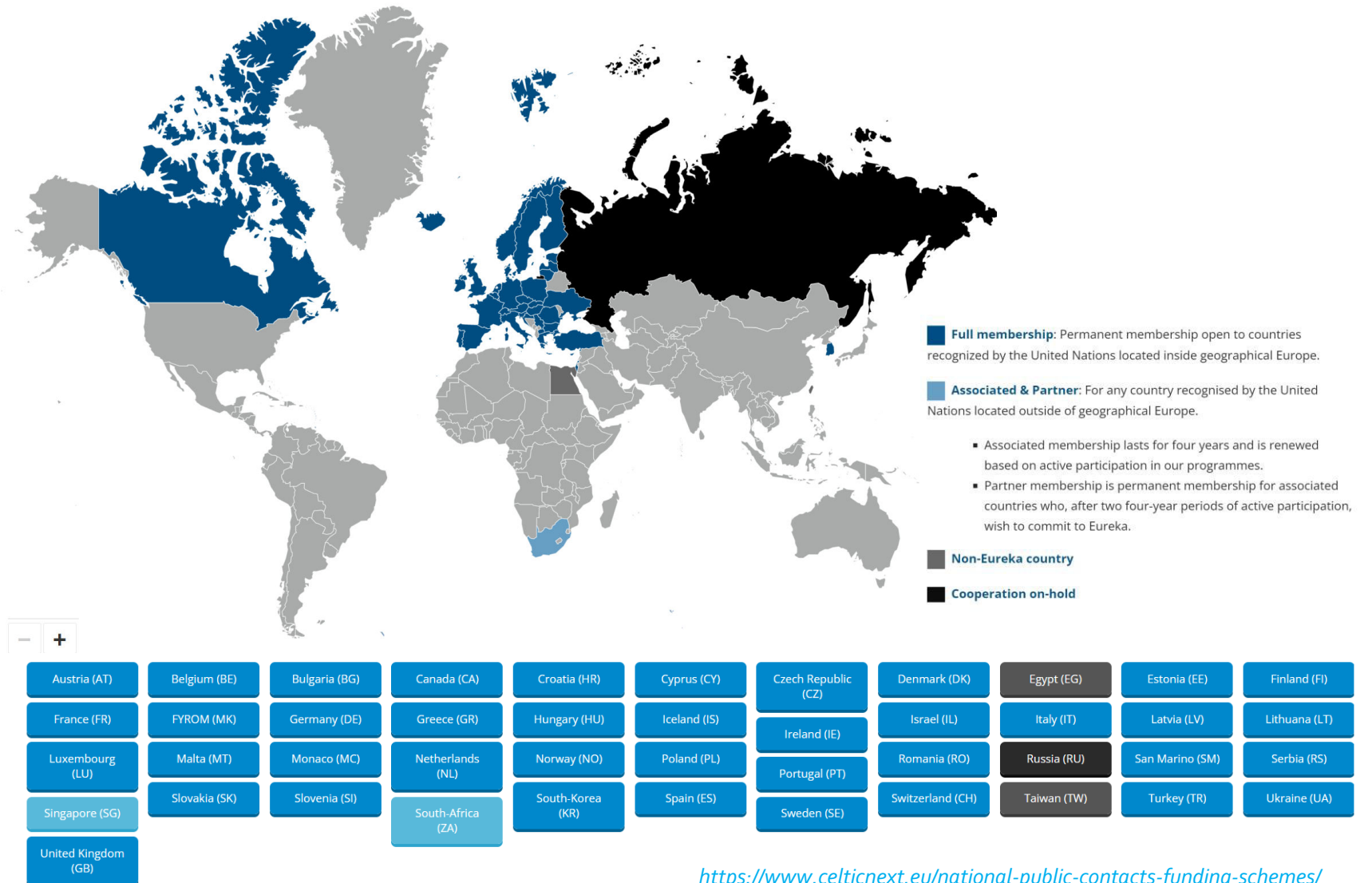
Your opportunities are

- Immerge yourself into a rich ecosystem covering the technology and business whole value chains (Large Industry, SMEs, Startups, RTOs, Academia, end-users)
- Build RD&I consortia during brokerage and other events
- Lead or be part of an industry lead project
- Create and foster collaborative innovation
- Stimulate disruptive and/or sustainable ideas
- Run and manage your collaborative project with the Office's support
- Adapt to internal and external circumstances
- Generate high economic impact
- Grow and collaborate beyond borders
- Deliver high social and economic impacts
- Support U.N. SDGs

# Opportunities to collaborate globally

-  Europe (large)
-  UK
-  Canada
-  Chile
-  South-Korea
-  South-Africa
-  Singapore

And more countries to come...





# Celtic-Next Calls and Projects Timeline

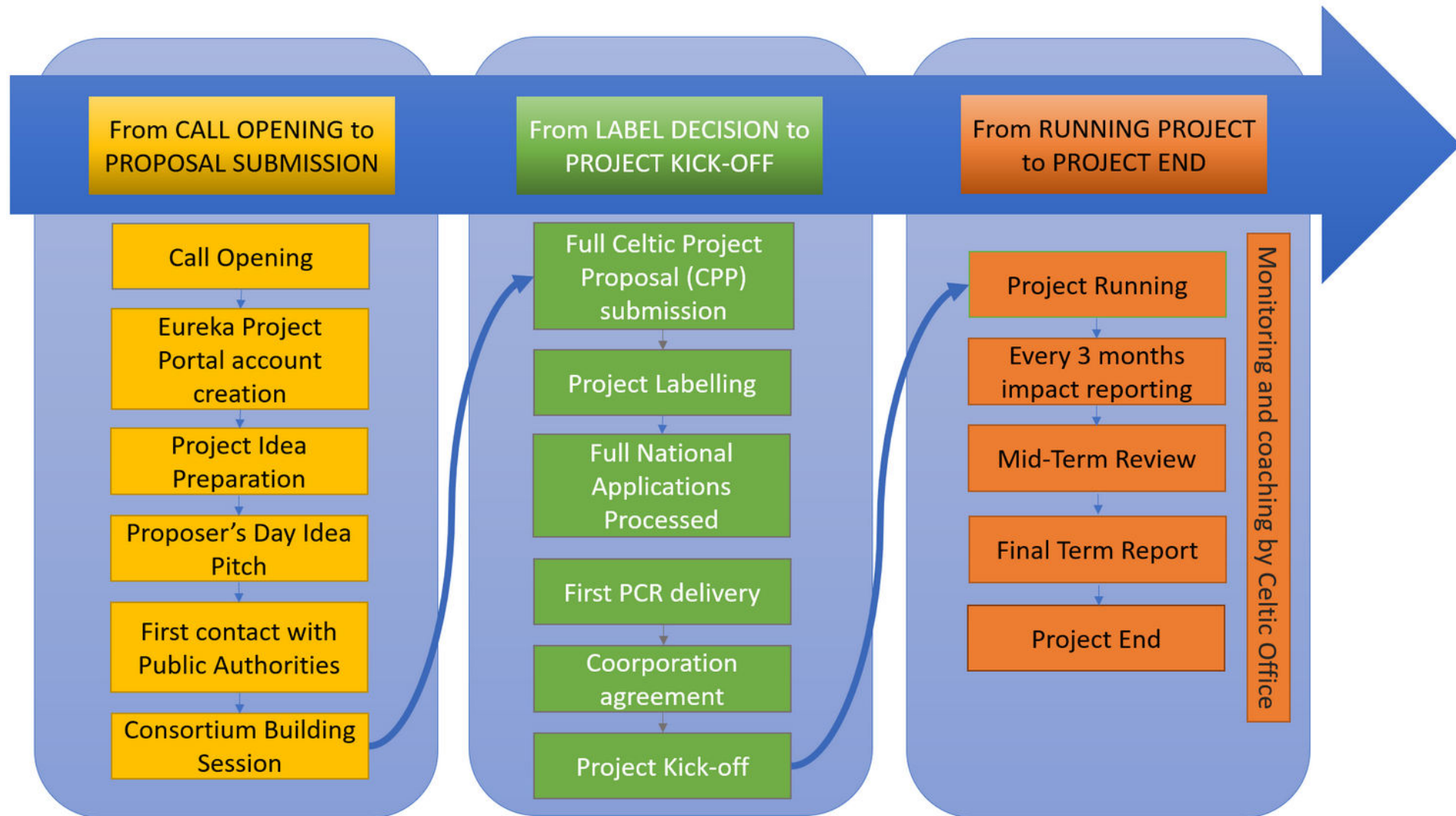


**Important: please contact the Public Authorities before Projects submission:**

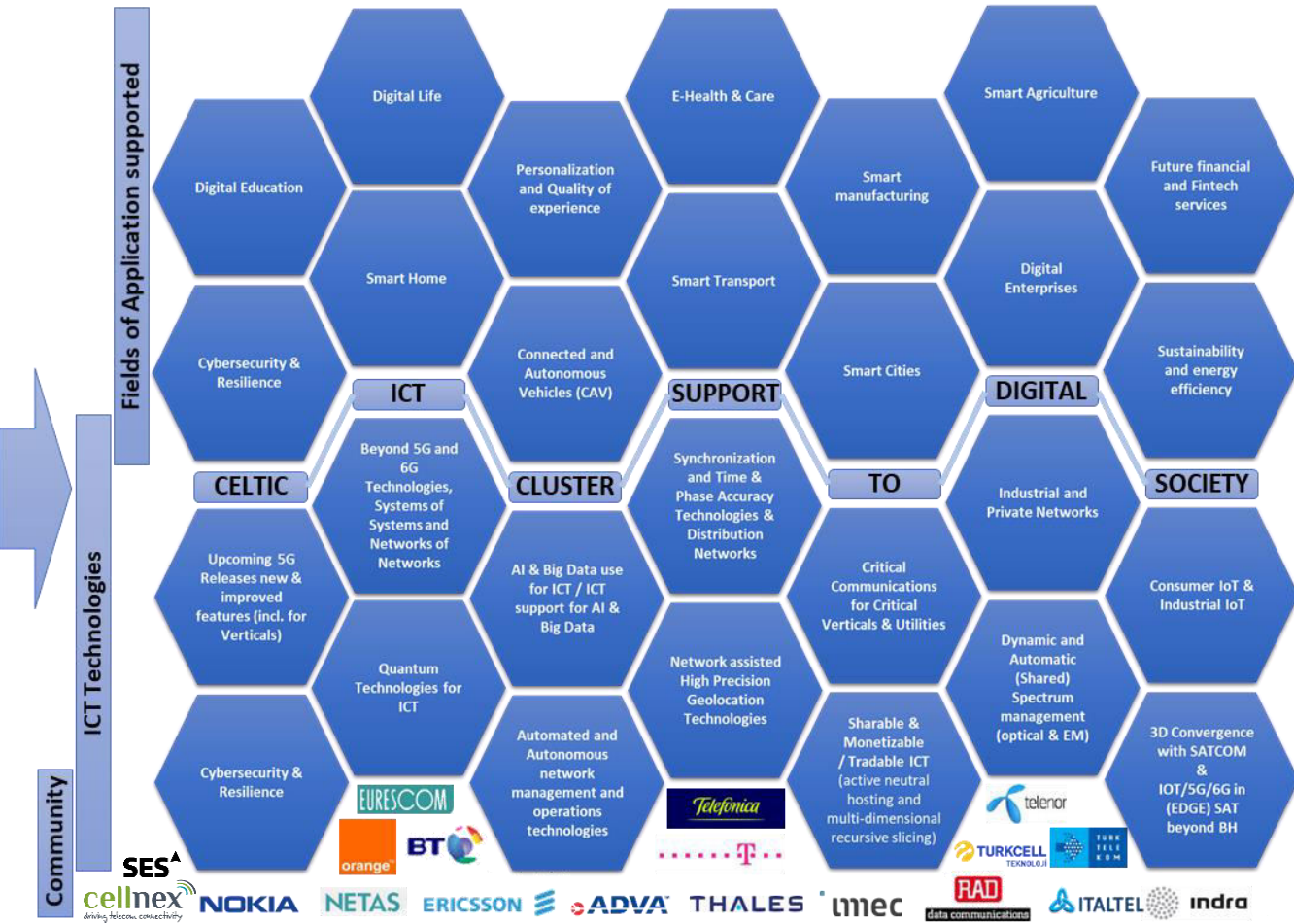
<https://www.celticnext.eu/national-public-contacts-funding-schemes/>

**Receiving their opinion early can avoid mistakes in your proposal, and will improve your chances to get the label by aligning with National Priorities and Schemes**

# CELTIC-NEXT Calls process



As usual, Proposals that address any of the topics of the [CELTIC Strategic Roadmap](#) in this bottom-up call are welcomed



<https://www.celticnext.eu/strategic-roadmap/>

CELTIC is also looking into:

- Non-Terrestrial-Networks and Terrestrial Networks convergence
- Digitalisation of the Economy thanks to ICT technologies
- Clean Growth
- Remote Health & Care
- ICT for Industry 4.0 and Logistics
- Critical Coms for Emergency & Rescue Services
- Open RAN
- Private Networks
- AI for ICT & Networks (including Radio Massive MIMO, Open-RAN RICs, ...)
- Consumer IoT, Industry IOT
- ICT Technologies for METAVERSES
- and 5G Advanced and 6G topics

# Spring Call 2023 Proposers' Brokerage Day in Paris (17 March 2023)



SPRING CALL 2023  
PROPOSERS' BROKERAGE DAY

**CONFERENCE**

The Conference part organised in the morning will be the perfect occasion to learn more about the Public Authorities funding schemes and priorities, as well as the process of CELTIC Calls!

Keynote speakers will also present about innovative and cutting-edge ICT topics.

*Hybrid registration both open for FREE! - only 100 places in-person*



Bpifrance Le Hub, Paris



Friday 17 March 2023

CELTICNEXT.EU




SPRING CALL 2023  
PROPOSERS' BROKERAGE DAY

**PITCHING SESSION**

The Pitching Session organised in the afternoon is the perfect opportunity to give your new project idea the best visibility to recruit additional consortium partners and to prepare a full project proposal for the upcoming CELTIC Calls!

Please send your new project idea pitch presentation using the given PPT template by the **6th of March** to [event@celticnext.eu](mailto:event@celticnext.eu).

*Presentations can not exceed 6 minutes & have to be in-person.*

*Hybrid registration both open for FREE! - only 100 places in-person*



Bpifrance Le Hub, Paris



Friday 17 March 2023

CELTICNEXT.EU




SPRING CALL 2023  
PROPOSERS' BROKERAGE DAY

**BROKERAGE & NETWORKING FORUM**

The brokerage and networking forum session organised in the afternoon will be the perfect occasion to discuss with public authorities, interested proposers, and to build your consortium and consolidate your preparations for applying to CELTIC Calls!

Proposal writing support will also be offered by the CELTIC Director and the office team.

*Hybrid registration both open for FREE! - only 100 places in-person*



Bpifrance Le Hub, Paris



Friday 17 March 2023

CELTICNEXT.EU




<https://www.celticnext.eu/celtic-brokerage-event-spring-call-2023/>

# MANY THANKS FOR YOUR ATTENTION.

If you have any questions  
please do not hesitate!



CelticNextEurekaCluster



@CelticNext



CELTIC-NEXT Video  
Channel

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CELTIC-NEXT - Director

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Innovate  
UK

# Thank you



@InnovateUK



Innovate UK



Innovate UK