



Innovate
UK

EUREKA Network: Information & Partnering Event

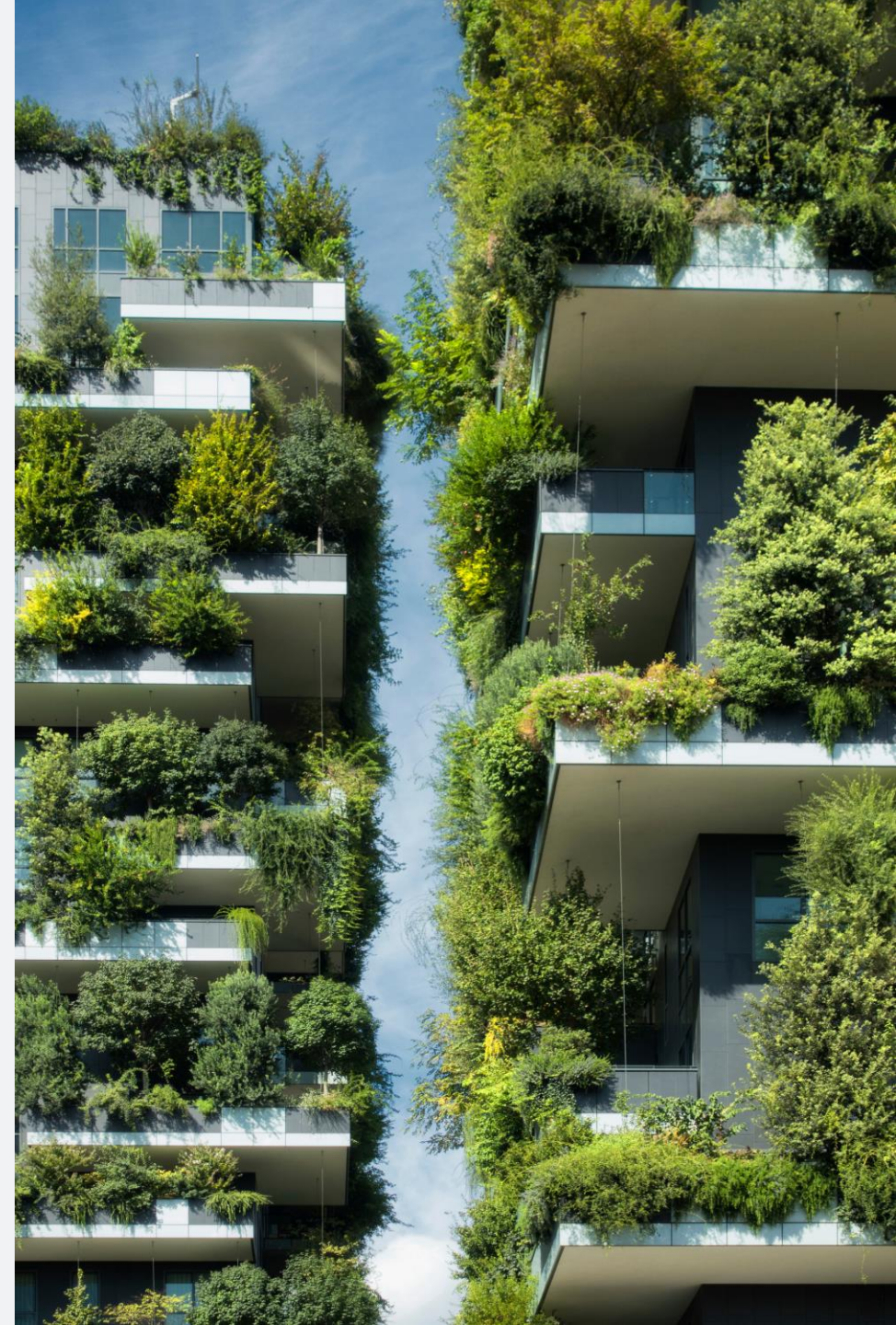
Host: Belen Rebollo-Garcia
Knowledge Transfer Manager- Europe

STARTING SOON...

Introduction

House Keeping

- **Microphone off** unless speaking please.
- Please post Q using the **Q&A FUNCTION**.
- Use the **Zoom-Chat for connections**.
Save the zoom chat – we will not be sharing this.
- Please message **Jess Dobbyne** in the Zoom chat if you are having technical issues.
- **The webinar is being recorded** and will be shared with the slides afterwards.



Why are we here?

- What is the EUREKA Network?
- What programmes for international R&D cooperation are run under the EUREKA umbrella?
- Who (UK and international) is interested in collaborating?
- What support is there to help me start building a EUREKA project consortium?

The Eureka logo features a green Greek letter sigma symbol (Σ) followed by the word "eureka" in a dark blue, sans-serif font. The logo is positioned in the upper right quadrant of the slide, overlaid on a circular graphic of a public network.

Σ eureka

A large circular graphic on the right side of the slide depicts a public network. It consists of a grid of grey lines on a light-colored pavement, with several people walking across it. The lines are color-coded in shades of blue, green, orange, and purple, creating a complex web of connections. The text "Innovation beyond borders" is overlaid on the bottom right of this graphic.

**Innovation
beyond borders**

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

Introduction



Agenda

Time (UK timings)		Speakers
13:30	Welcome and aims of the day	Belen Rebollo - Innovate UK "Business Connect"
13:35	Innovate UK European Portfolio & EUREKA	Ewa Bloch - Innovate UK
13:40	Overview of programme & UK scope	Ben Morris & Teresa Arumardi - Innovate UK
13:50	Key speaker from French EUREKA Programme:	Jeanne Andrade & Camille Tangtaye - BPI France
14:00	Case study: Brenus Pharma	Lea Perles
14:10	Q&A	
14:20	BREAK	
14:30	Support for UK applicants: Travel awards	Belen Rebollo - Innovate UK "Business Connect"
14:35	Support to applicants: partner search through EEN (UK)	Jan Immel & Andy Bates - Innovate UK Business Growth
14:45	Support to applicants: partner search through EEN (France)	Daniela Onofri - BPI France
14:50	European Innovation Council (EIC) opportunities for companies	Claire Griffin - Innovate UK
15:00	Q&A	
15:05	Pitching	Innovate UK "Business Connect"
15:30	Breakout rooms	Networking & Consultation Rooms: Pitchers rooms: Each pitcher will have a breakout room so potential partners can approach them. - Eurostars & EIC: (all technology sectors) Thematic rooms: - Innovation Software (ITEA) - Next Generation Comms (Celtic Next) - Electronic Components & Systems (Xecs) - Advance Manufacturing (SMART) - Low Carbon Technologies (EUROGIA)
15:55	Next steps & Key Dates	Belen Rebollo - Innovate UK "Business Connect"
16:00	CLOSE	



Innovate
UK



Innovate
UK

Key Dates & Key messages

UK Engagement with CBE-JU



EUROPEAN PARTNERSHIP Co-funded by the European Union eureka eurostars

Eurostars

Ready for Take off

4 april 2024 ARTIS Amsterdam

As an innovative entrepreneur, you embark on an exciting journey to bring your innovation to where it belongs, available to society and boosting progression of our world. You may face many challenges along the way, always seeking the best way to move forward. This event is the best place to start looking next.

- PROGRAM & SPEAKERS
- VENUE
- ATTENDEE HUB
- REGISTRATION

<https://www.eurostars2024.nl/home/>



Travel Support available for UK-based R&D SMEs to attend European events

Posted on: 31/08/2023



<https://iuk.ktn-uk.org/news/travel-support-now-available/>



SCAN ME



Innovate UK Participation

Ben Morris

National Programme Coordinator (NPC) for Eureka
Innovate UK

Teresa Arumardi

Deputy NPC for Eureka
Innovate UK



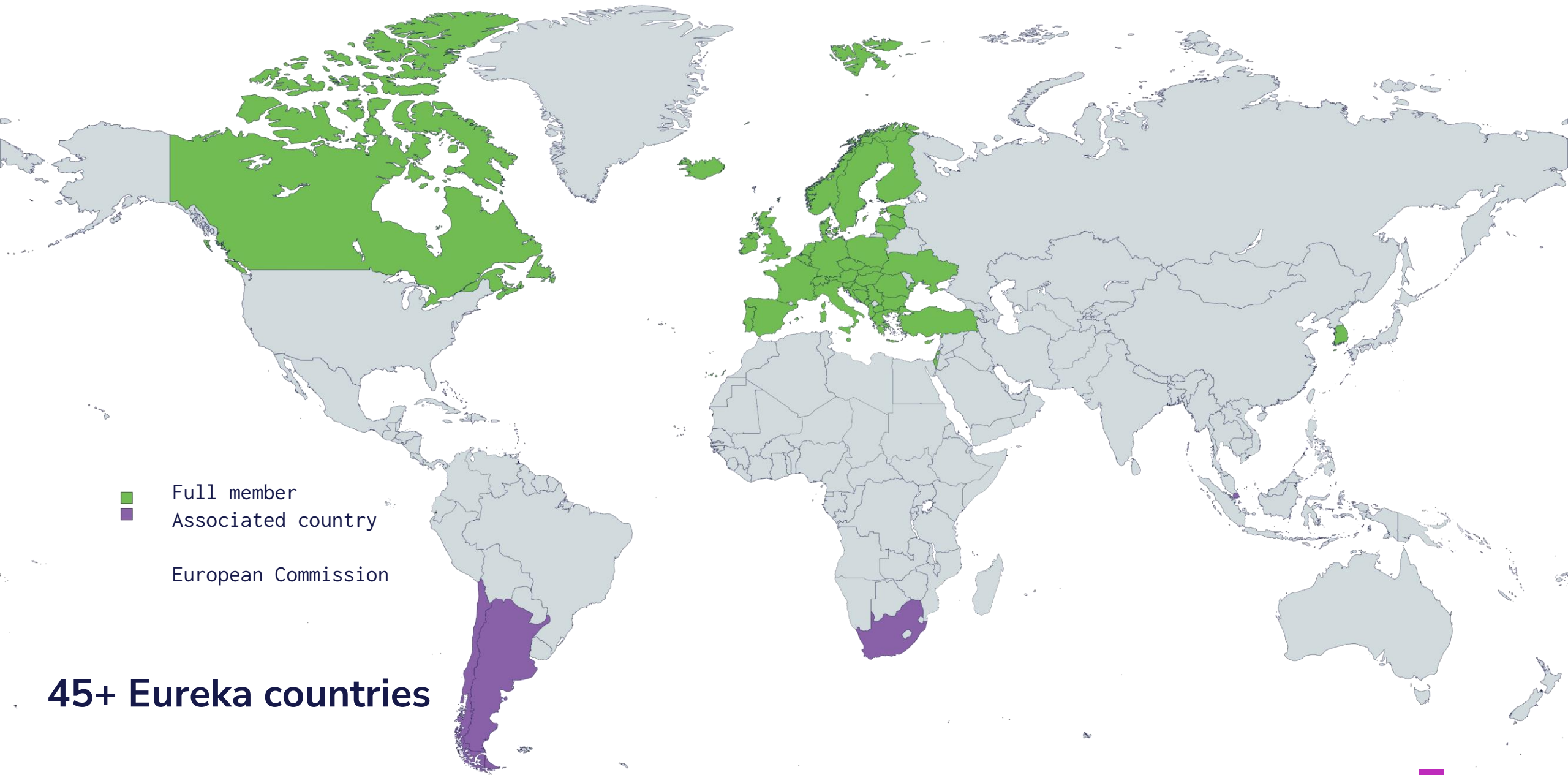
A tool for international Research and Development (R&D) and innovation:

Projects between partners in any
two (or more) Eureka countries

Since 1985:

- 48.4+ billion euro public-private investment
- 35,000+ organisations supported
- 7,000+ R&D projects





Eureka programmes

Network projects flexibility for international partners

Globalstars flexibility for international partners (non-Eureka countries)

Eurostars innovative Small or Medium-sized Enterprises (SMEs) aim higher

Clusters thematic industry-led communities

Innowide supports research and business ventures in new markets

Investment readiness drives companies towards private investment



Network projects

- Flexible
- Bilateral or multilateral calls for projects with two or more Eureka countries
- Thematic scope possible

Call for proposals on applied quantum technologies

FROM FEBRUARY 1, 2024 AT 24:00 UNITED KINGDOM TIME
TO MAY 9, 2024 AT 15:00 UNITED KINGDOM TIME
THE CALL CLOSES ON 9 MAY 2024


















The national funding bodies from 16 countries have allocated funding for organisations collaborating on international R&D projects in the field(s) of **applied quantum technology**.

You can submit your R&D project application for this call for projects between 1 February 2024 and 9 May 2024. Your project consortium must include organisations based in a minimum of two of the countries listed in this call for projects.

Please note: There may be changes to information on this page before the call for projects opens on 1 February 2024.



Participating Countries/Regions

-  Austria
-  Belgium (Flanders)
-  Belgium (Wallonia)
-  Denmark
-  Finland
-  France
-  Germany
-  Israel
-  Lithuania
-  The Netherlands
-  Singapore
-  South Korea
-  Spain
-  Sweden
-  Switzerland
-  Türkiye
-  United Kingdom

Funding competition **Eureka Quantum collaborative R&D Multilateral 2024**

UK registered organisations can apply for a share of up to £2 million to develop quantum technologies with organisations from Eureka partner countries.

Competition opens: Monday 5 February 2024

Competition closes: Wednesday 8 May 2024 11:00am

[Start new application](#)

EUREKA PAGE & APPLICATION: [HERE](#)
MATCHMAKING PLATFORM: [HERE](#)

NATIONAL APPLICATION & RECORDING: [HERE](#)
DEADLINE: 8 APRIL 2024 (UK)



Globalstars

- Cooperation with countries outside of Eureka network
- Past: Chile, Argentina, India, Taiwan, Brazil, Singapore, Japan, India, Japan, Nigeria, Kenya and Morocco



Eurostars

- Innovative SMEs are the main project partner
- 37 countries and the European Commission
- 1 billion euro funding dedicated
- Two deadlines per year

DEADLINE: 14 MARCH Eurostars is part of the European Partnership on Innovative SMEs. The partnership is co-funded by the European Union through Horizon Europe.

UK Eligibility

- Innovate UK will only fund SMEs, other types of organization 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.
- The UK entity must have at least 12 months of trading history at point of submission deadline.
- Overheads are capped at 25% of Labour.
- 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



UK – France Collaboration

- **E! 113637 – RETINALYSIS 18 Month Project**
- **Human Cell Models for Retinal Therapeutic Discovery**
 - The project will develop commercial cell-based products for use in preclinical drug discovery in the field of retinal degeneration, a main cause of blindness worldwide. The product shall combine the stem cell technology of Phenocell SAS (France) and the cryotechnology of AvantiCell Science Ltd (ACS; UK) to produce unique "plug and play" tools for drug screening and research. This model shall have the commercial advantages of first-to-market analytical performance and industry convenience..
- **Investment from UK & France totalling €528,682**
- **UK €454k France €598k**



UK – France Collaboration

- **E! 115447 – WearMe 30 Month Project**
- **Revolutionary Wearable Device for Significant Livestock Methane Emissions Reduction**
- The WearMe project will develop a first-of-its-kind wearable device for cattle, converting the greenhouse gas (GHG) methane to CO₂, which is less potent in trapping heat. Built on a minimum viable prototype technology, the consortium will drastically improve the energy supply of the device, the methane conversion efficiency, and the data analytics to develop an improved commercially viable product.
- **Investment from UK, France and Austria totalling €1,186,380**
- **UK €600k France €154k**



UK – France Collaboration

- **E! 114486 – MODTESTER 50 Month Project**
- **Modular Stack Tester and Electronics**
- A new product range will be developed for the (SOFC/SOEC)* high temperature fuel cell market. It will be a modular stack tester for industrial size cells. It will offer customers the possibility to buy only what they want and avoiding duplication thus providing a most cost effective solution. In addition, a web accessible database will be created to identify, with a simple keywords search, the concurring SOFC/SOEC degradation phenomena.
- **Investment from UK, France, Norway and Switzerland totalling €2,243,407**
- **UK €454k France €598k**

*Solid Oxide Fuel Cell/Solid Oxide Electrolyzer Cell



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

Clusters



CELTIC-NEXT

Next-generation secure communications for a trusted and sustainable digital society

EUROGIA 2030

Low-carbon energy technologies

ITEA 4

Software innovation and digital transition

SMART

Advanced manufacturing and production technologies

Xecs

Sustainable digital transformation in electronic components and systems

UK Scope & Eligibility

Your project

- UK applicants can apply for total grant of up to £750,000 (depending on Cluster) for each project partner.
- All types of UK registered organisations can apply for funding.
- Expected 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

EUREKA Clusters



[CELTIC-NEXT – Next Gen Comms](#)



[Eurogia 2030](#)



[Xecs](#)



[SMART](#)



ITEA 4

[ITEA 4](#)

Innowwide

European INNOvative business solutions in
WorldWIDE markets

- 60,000 euro per project
- 400 market feasibility projects
- 6 calls for projects



Innowwide is funded by the European Union as part of the European Partnership on Innovative SMEs.





Networking

- Meetings with 47 countries
- Launch calls for projects with other countries
- Long-standing connections with corporates

Eureka | Home (eurekanetwork.org)

eurekanpc@iuk.ukri.org

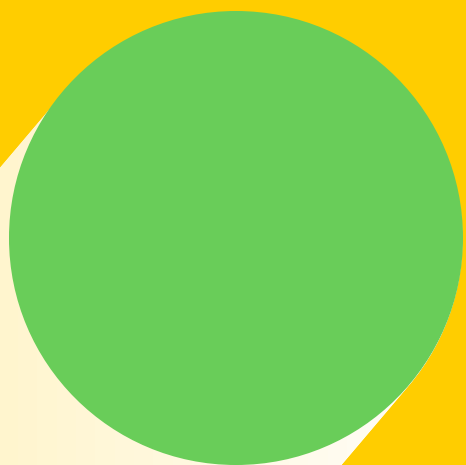


Department for
Science, Innovation
& Technology



EUREKA PROGRAMS

BPIFRANCE



EUROSTARS

EUROSTARS FUNDING IN FRANCE

- SMEs, large companies up to 2000 FTEs and academic partners are eligible for public funding in France.
- Funded French laureates may reapply for a Eurostars call for projects at least 3 years after the date of submission of their winning project.
- Note that large companies between 2000 and 5000 FTEs can participate in the consortium but won't be eligible for public funding

Type of participant*	Funding type	Funding rate	Maximum amount
SME (European definition)	Grant	40%	3M€
Large company (up to 2000 FTE)**	Grant	30%	3M€
Research organisation	Grant	40% of full costs	120K€ if there's a French SME in the consortium, 50K€ otherwise

PREPARE YOUR APPLICATION

Draft your application and can get advice from our webinars, follow-up meetings and proofreading sessions.

You can also benefit from the [DIAG PTI](#).

EVALUATION

- Bpifrance gives your entity a GO or NO GO regarding your legal and financial viability to receive public funding. If you receive a NO GO, the project is eliminated.
- 3 experts review your application and grade it.
- Best projects are evaluated again by the Independent Expert Panel who establishes the ranking.

PROJECT START

You can start your project.

Keep Eurostars and Bpifrance informed if your project is not going according to plan.

1

CONTACT US

Contact Bpifrance to check your eligibility and discuss your project

2

PREPARE YOUR APPLICATION

Draft your application and can get advice from our webinars, follow-up meetings and proofreading sessions.

You can also benefit from the [DIAG PTI](#).

3

SUBMISSION

Submit your application on the Eurostars platform before the deadline.

4

EVALUATION

- Bpifrance gives your entity a GO or NO GO regarding your legal and financial viability to receive public funding. If you receive a NO GO, the project is eliminated.
- 3 experts review your application and grade it.
- Best projects are evaluated again by the Independent Expert Panel who establishes the ranking.

5

FUNDING

If your project wins, you receive a notification from Eurostars and an email from Bpifrance detailing the documents you must submit to unlock the funding.

You must provide your consortium agreement within 6 weeks.

6



CLUSTERS

CLUSTERS FUNDING IN FRANCE

2 types of funding depending on the size and characteristics of your project

Innovation Aid -Aide à l'innovation

- No minimum budget
- At least 1 French firm
- SMEs, large companies up to 2,000 FTEs
- Project of up to 3 years

i Academic partners are not eligible for this funding but may participate as subcontractors

Aid amount
between 50k and €3 million
Repayable advance (up to 65%)
or R&D Innovation Loan
(up to 80%)

i-Démo

- Cumulative French budget of over €4 million
- At least 1 French SME or company up to 2,000 FTEs
- Max 6 French participants
- Project between 2 to 5 years
- Respect of the DNSH principle
- Includes an industrial R&D phase and/or an experimental development phase

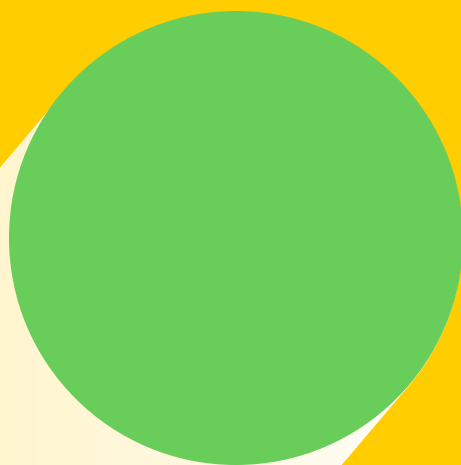
i Academic partners are eligible for this funding

The aid is a mix of 2 types of grant & RA

Type of project	Aid rate
Industrial R&D	75% grant and 25% of RA*
Experimental development	60% grant and 40% of RA*

* RA : Repayable advance





CONTACT



international.innoproject@bpifrance.fr



[Website](#)



Innovate
UK

Support for partnering: "Business Connect Travel Awards"

Belen Rebollo
Knowledge Transfer Manager
European Programmes

Innovate UK Business Connect Team

From innovate UK Business Connect we help you accelerate your innovation. We do this by connecting ideas, people and communities to respond to challenges and drive positive change. We can make introductions to new business partners and funders, help you find collaborators for grants and project delivery and introduce you to new market opportunities.

How we can help



SCAN ME



**Make powerful
connections**



Secure funding



**Get expert
insight**



**Keep up
to date**



**Innovate
UK**



European Travel Awards



SCAN ME

Travel Support available for UK-based R&D SMEs to attend European events

Posted on: 31/08/2023



Innovate UK “European Travel Awards” support attendance of UK based R&D performing SMEs to specific targeted events for the purpose of increasing engagement with potential partners.

Characteristics:

- Application for each specific event gets advertised @ Innovate UK KTN website
- A maximum of £700 can be claimed as a contribution towards travel costs incurred for the purpose of attending the specific event. Only 1 representative per SME.
- In addition to the funding bespoke pro-active support from IUK teams to progress project idea to application into European Programmes (Eureka & Horizon Europe)

<https://iuk.ktn-uk.org/news/travel-support-now-available/>

Travel grants available for UK businesses in the following areas:

-Life Science & Health: Personalized medicine & regenerative medicine

-Sustainable Solutions: Reusing materials & Energy Efficiency

-Digitalization: Smart industries & Blockchain technologies

-Agriculture & Food Technologies: Alternative Proteins & Food Waste



SCAN ME

Apply to IUK European Business Connect Travel Award
<https://iuk.ktn-uk.org/news/travel-support-now-available/>



Eurostars

Ready for Take off

4 april 2024 📍 ARTIS Amsterdam

As an innovative entrepreneur, you embark on an exciting journey to bring your innovation to where it belongs, available to society and boosting progression of our world. You may face many challenges along the way, always seeking the best way to move forward. This event is the best place to start looking next.

- PROGRAM & SPEAKERS
- VENUE
- ATTENDEE HUB
- REGISTRATION

Netherlands Enterprise Agency

EUROPEAN PARTNERSHIP Co-funded by the European Union

eureka eurostars

Registration:
<https://www.eurostars2024.nl/home/>



Innovate
UK

Business
Growth

Innovate UK Business Growth

Empowering UK innovators to grow
and scale on a global stage

Andy Bates

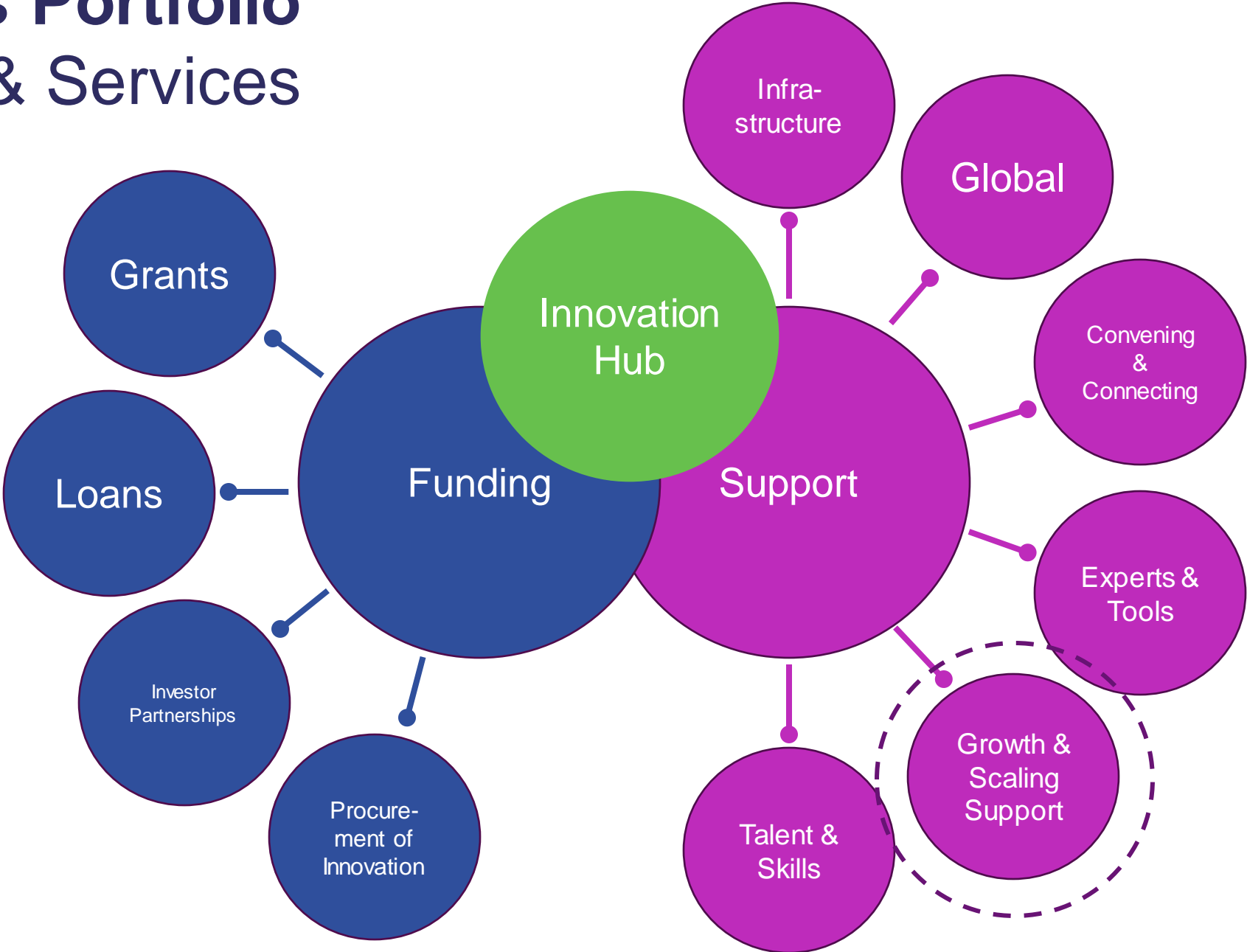


Innovate
UK

Business
Growth

Innovate UK's Portfolio

Our Products & Services



Innovate UK

Business Growth

Innovate UK Business Growth

Tailored support that grows and scales ambitious innovation-focused businesses

400+ innovation and growth specialists embedded in all UK regional ecosystems. We intervene at early, growth and scaling stages, with our core advisory service and enhanced Scaleup Programme, taking targeted action for:

Honing
commercial
strategy &
structure

Innovation management, inc. IP & infrastructure access

Finance & funding strategy, inc. investment readiness

Expanding into international markets, inc. via EEN

Our clients

- Innovation-focused SMEs up to 250 employees
- Established and UK registered
- Growing (minimum 20% CAGR or potential)
- From seed to scaling stage (50% CAGR)
- Management committed to business growth



Innovate
UK

Business
Growth

International Markets Access and Partnering

- Access to **partnership opportunities around the world** through e.g. **Enterprise Europe Network**
- **Eureka** and **Horizon Europe** access and support
- Supported **immersion in international markets** via Innovate UK initiatives such as **Global Business Innovation Programme** and **Global Incubator Programme**
- Access to **focused** brokerage events for new international **business innovation opportunities** and **key market** / sector and **regulatory** information



Innovate
UK

Business
Growth



“Innovate UK Business Growth helped me grow my innovation-led business so we can create a new era of AI-enabled healthcare.” **Peter Mountney, Odin Vision**

Eureka Support

- Innovate UK Business Growth can help find partners for your Eureka Project
- Via the World's largest business collaboration network, the Enterprise Europe Network
- Work with an innovation and growth specialist to produce a partnering profile
- Bespoke wrap around support to progress your business
- Contact: www.innovateukedge.ukri.org



Innovate
UK

Business
Growth

Research & Development Request | RDRSE20240122007

Taiwanese expertise in production of electronics and wearables technologies is sought for a Eureka project proposal

A Swedish neurotech startup is looking for Taiwanese partner highly experienced in production of electronics and wearables to join a Eureka project proposal in spring 2024. The project aim to further develop a unique product that will be used by customers in the automotive industry to track and monitor the cognitive performance of drivers. The requested partner should have expertise in production, access to production...

 4 weeks ago
 Sweden

Type of partnership
Research and development cooperation agreement



Market keywords
09004008 - Other manufacturing (not elsewhere classified) • 05004001 - Electromedical and medical equipment • 03004003 - Other electronics related equipment

CLOSED FOR EOI

Research & Development Request | RDRKR20231023008

[EUREKA, EUROSTARS] A Korean SME is seeking experts in AI based vision algorithm to develop the picking solution for robot arm in mobile robot for semiconductor industry

A Korean SME specialized in automatic logistic solution is planning to develop a new-type picking solution for robot arm in mobile robot for semiconductor industry. The company is seeking AI based vision system experts for applying for EUREKA or EUROSTAR programme under research cooperation agreement

 3 months 3 weeks ago
 South Korea

Type of partnership
Research and development cooperation agreement

Technology keywords
01001001 - Automation, Robotics Control Systems • 01003003 - Artificial Intelligence (AI)

Market keywords
08006001 - Process control and logistics • 08002005 - Machine vision software and systems

Eureka 6th Call: Sustainability

- Innovate UK Business Growth co-organising matchmaking marketplace
- And supporting UK participation
- Visit: eurostars-6th-call-matchmaking.b2match.io
- Active until 14 March 2024



The screenshot shows the website for the Eurostars 6th call Matchmaking Sustainability. The page features the Eurostars logo (a blue circle with a white 'e' and a green star) and the Eureka logo (a green sigma symbol followed by the word 'eureka' and the tagline 'innovation beyond borders'). The main heading is 'Platform and virtual marketplace for: Eurostars 6th call for proposals for joint R&D projects'. Below this, it states 'FROM 12 January 2024 TO 14 March 2024'. A blue button labeled 'Register now' is visible, with the text 'Open until 14 March 2024' underneath. The page also includes a 'Virtual marketplace' section and a 'PARTICIPANTS' section. The website is organized by the Enterprise Europe Network and the Netherlands Enterprise Agency.



Innovate
UK

Business
Growth

Innovate UK Business Growth National Enquiry Gateway

First point of contact for new clients

Regulatory matters

Product conformity & standards

Market research

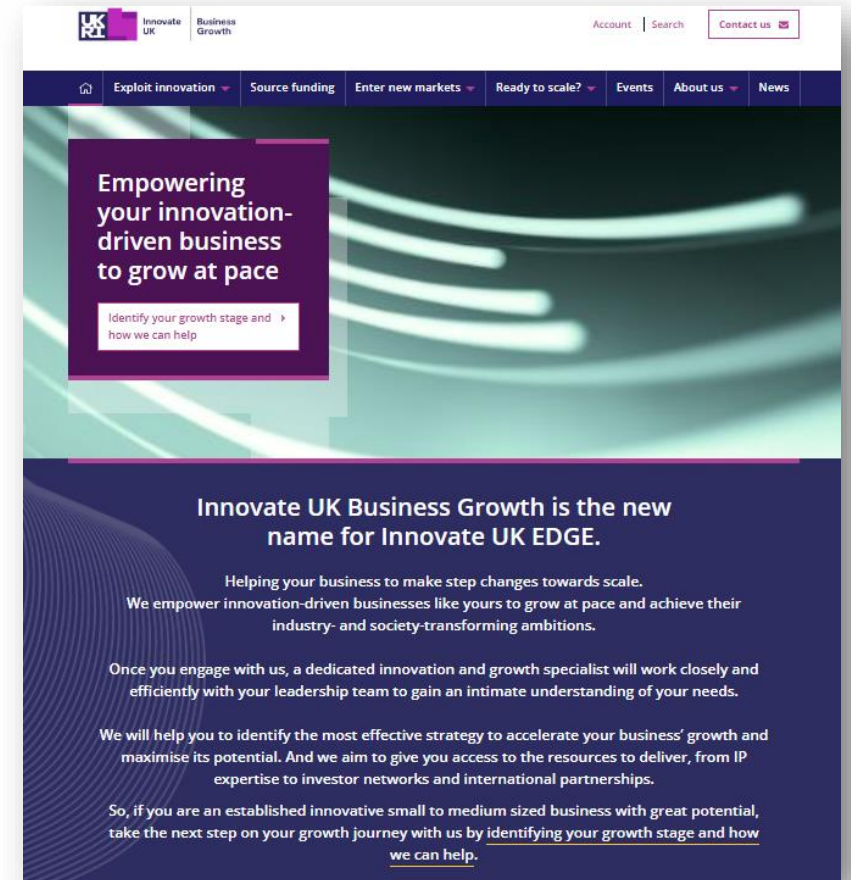
Enterprise Europe Network partner enquiries

Client enquiries, call us on:

0300 123 3144

or visit our website:

www.innovateukedge.ukri.org



Innovate
UK

Business
Growth

The logo for bpi france, featuring the text 'bpi' in black and 'france' in yellow, with a yellow dot above the 'i'.

bpifrance

Bpifrance & EEN Services

Daniela ONOFRI
EU Project Manager

The world's largest support network for European SMEs.



3000
EXPERTS



+600
ORGANISATIONS



+60
PAYS COUVERTS

A broad range of services for
growth-oriented SMEs

INTERNATIONAL PARTNERSHIPS	ADVISORY SUPPORT	INNOVATION SUPPORT
Partnership database	Advice on EU laws and standards	Access to finance and funding
Brokerage events	Market intelligence	Innovation Management Services
Company missions	IPR expertise	Technology transfer

Sites

topic.een-france.fr

Supporting innovative companies

Set sail on the horizon of innovation with EU funding



Identification of Relevant EU project Calls:

Target specific funding opportunities available in the field

NAVIGATE OPPORTUNITIES

Partner Search

Ensures that the content is coherent, well-argued, and compliant with funding requirements.

STRATEGIC ALLIANCES

We provide support and make companies connect with field experts :



IMPECCABLE PROPOSAL

Proposal Preparation:

- **Individual** : support for the development of innovation
- **In partnership** : support for collaborative projects
- **Worldwide** : developing innovation in Europe and abroad

Critical Review of the Proposal:

Ensures that the content is coherent, well-argued, and compliant with funding requirements.

ASSURED SUCCESS

Diag PFI & Europe : personalised assistance to SMEs applying to European Programmes



Diag Europe



Offer:

Personalised expert support in the preparation of full proposals for **single applicants** to the Horizon Europe programmes (EIC accelerator in particular)

Eligibility:

- French innovative companies < 250 FTEs
*Except for companies experiencing financial difficulties**

Grant support:

- **grant of 50%** of the support service (commercial invoice) at the end of the mission, directly paid to the expert
- **up to 10K€** (excluding tax) of grant

Contact : equipe.diag@bpifrance.fr



Diag Partenariat Tech International



Offer:

Diagnostic and consultancy services to support the company in setting up its consortium (if collaborative), its project and its applications.

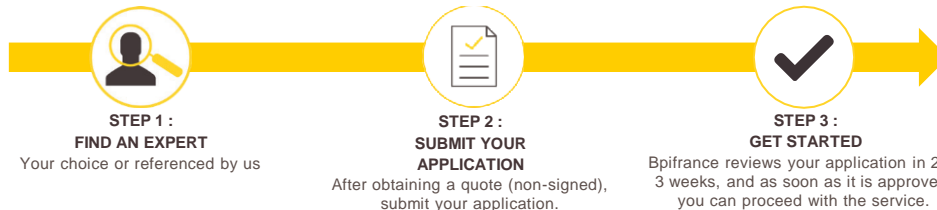
Eligibility:

- French innovative companies < 2,000 FTEs
*Except for companies experiencing financial difficulties**

Grant support:

- **grant of 50%** of the support service (commercial invoice) at the end of the mission, directly paid to the expert
- **up to 12.5K€** (excluding tax) of grant for the lead partner / or **2.5K€** (excluding tax) for the consortium partner

Contact : international.innoproject@bpifrance.fr



Thank you!

Bpifrance & EEN Services

Daniela ONOFRI

daniela.onofri@bpifrance.fr



Innovate
UK

European Innovation Council

Claire Griffin
UK NCP for EIC and EIE

Claire.Griffin@iuk.ukri.org



€95.5bn funding agreed for 2021-2027



Pillar 1
EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

24.9 B€



Pillar 2
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS

Clusters

- 1 Health
- 2 Culture, Creativity and Inclusive Society
- 3 Civil Security for Society
- 4 Digital, Industry and Space
- 5 Climate, Energy and Mobility
- 6 Food, Bioeconomy, Natural Resources, Agriculture and Environment

53.8 B€

Joint Research Centre



Pillar 3
INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute
of Innovation and Technology

13.4 B€

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

Pillar 3- Innovative Europe

Supporting and Connecting Innovators Across Europe

- Europe has solid research and industrial base
- Yet it 'could do better' at strengthening the use of scientific excellence and industrial prowess to accelerate innovation and turn innovative SMEs into Technology Giants.
- Focus on supporting the development of disruptive and market-creating innovations and on enhancing European Innovation Ecosystems



Pillar III

INNOVATIVE EUROPE:

stimulating **market-creating breakthroughs** and **ecosystems** conducive to innovation

European Innovation Council

Support to innovations with breakthrough and market creating potential

European innovation ecosystems

Connecting with regional and national innovation actors

European Institute of Innovation and Technology (EIT)

Bringing key actors (research, education and business) together around a common goal for nurturing innovation

The budget: **€10.6 billion**, incl. up to **€527 million** for ecosystems (including NGEU – Recovery Fund parts dedicated to EIC).

circa **€3 billion**



European Innovation Council

Support to innovations with breakthrough and disruptive nature and scale up potential that are too risky for private investors (**70% of the budget earmarked for SMEs**)

**European
Innovation Council –
a one-stop-shop**

- Helping researchers and innovators create markets of the future, leverage private finance, scale up their companies
- Innovation centric, risk taking & agile, pro-active management and follow up
- Mostly 'bottom up', but also targeting strategic challenges
- EIC Programme Managers to develop visions for breakthroughs and steer portfolios

Complementary instruments bridging the gap from idea to market

PATHFINDER

R&I grants

(from early technology
to proof of concept)

TRANSITION

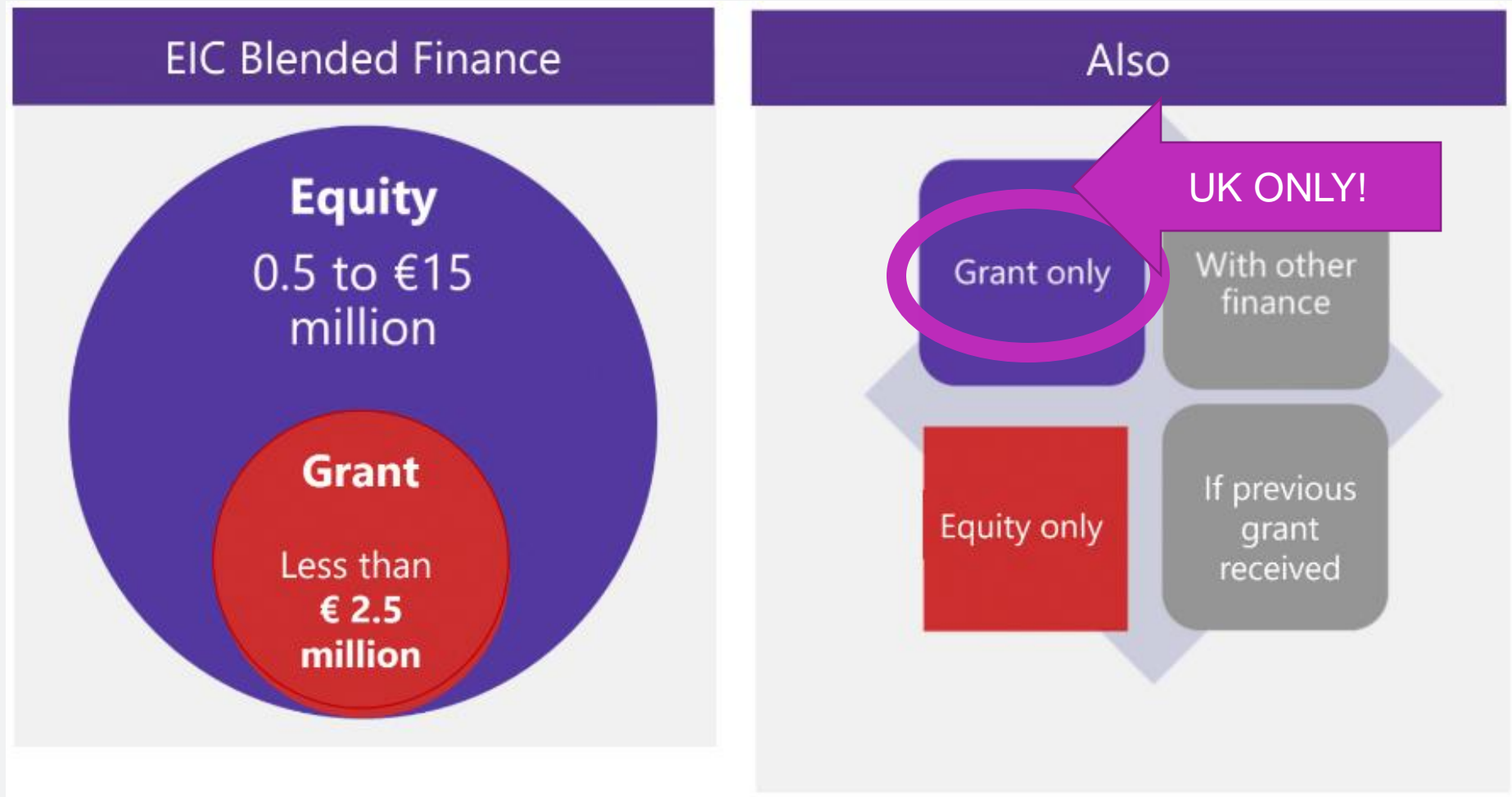
R&I grants

(proof of concept to
pre-commercial)

ACCELERATOR

**Grants & investment (via EIC Fund) for
single SMEs & start-ups**
(from pre-commercial to market & scale-up)

What can SMEs/Start-ups apply for?



Gatekeepers - EIC Accelerator

Start-ups and SMEs seeking to **scale-up** high impact innovations with the **potential to create new markets** or disrupt existing one

Innovation building on **scientific discovery** or technological breakthroughs („**deep tech**“)

Innovations where **significant funding** is needed over a **long timeframe** and are **too risky** for private investors alone

EIC Accelerator - Grant only

- **Single company** or Natural person
 - Subcontracting possible
 - Affiliated entities possible
- Maximum grant of less than €2.5M
- Eligible costs are reimbursed up to 70%
- Mid-caps are not eligible for Grant-only
 - Therefore UK – **SME or start-up only**.
- Innovation Activities – TRL5/6 to 8
- Market Deployment Action (TRL9 onwards)
- Grant-only covers up to TRL8
 - **Provide evidence of sufficient financial means** (e.g. revenue flow, shareholders or investors) to finance the deployment and scaling to TRL9



EIC Accelerator - Investment Component

Not for UK entities = grant-only

- Minimum 0.5M€ and maximum 15M€
- Usually in the form of direct equity or quasi-equity
- Maximum 25% of the voting shares of the company
- 'Patient capital' principle (indicatively 7-10 years perspective)



Open vs Challenges

- Accelerator **Open**
 - 'Bottom up'
 - Projects in any field of science, technology or application without predefined thematic priorities
- Accelerator **Challenges**
 - Top-down
 - Support projects within predefined thematic areas with the aim to achieve specific objectives for each Challenge.



EIC Programme Managers

- Identify potential challenges; and
- Pro-actively manage portfolio of projects

Recommendation

- Follow on LinkedIn
- Listen to the TechTalks
- [EIC Programme Managers - European Commission \(europa.eu\)](https://ec.europa.eu/eic/)



EIC Accelerator Challenges 2024

- Human Centric Generative AI
- Virtual worlds and augmented interaction, including support to Industry 5.0
- Enabling the smart edge & quantum technology components
- Food from precision fermentation and algae
- Monoclonal antibody-based therapeutics for emerging viruses
- Renewable energy sources and their whole value chain



EIC Accelerator: 2024 cut-offs dates

Short proposal evaluation

Submit **any time** during the year
Feedback within **4-6 weeks**

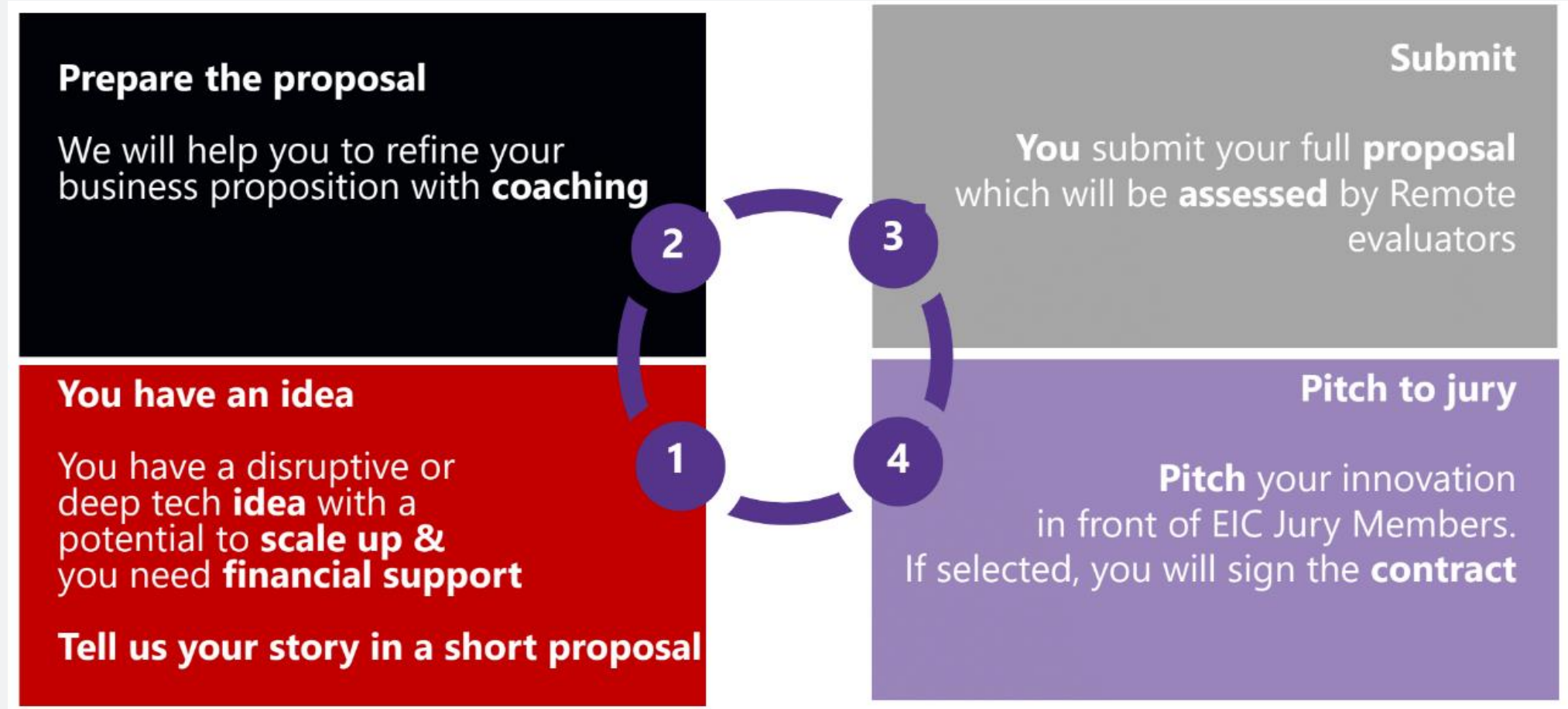
Full proposal - cut off

Date when a round of evaluations of **full proposals** start

Full proposal evaluation

Cut-off	Interview weeks (tentative)
13 March 2024	10-14 June 2024
3 October 2024	13-17 January 2025

EIC Accelerator - Application Process



EIC Accelerator Data hub EIC Accelerator data hub (eisma.eu)



#HorizonEU



Evaluation Criteria

Experts evaluate the proposals against the **three award criteria**:

- **Excellence**
- **Impact**
- Level of **risk**, implementation, and need for Union support
 - **Risk level of the investment**: Does the nature and level of risk of the investment in your innovation mean that European market actors are unwilling to commit the full amount that is needed without an investment from the EIC Fund? Is there evidence that market actors would be willing to invest, either alongside the EIC or at a later stage?

Excellence

- 1 Excellence of the company
- 2 Novelty and breakthrough character of the innovation
- 3 Timing
- 4 Technological feasibility
- 5 Intellectual Property Strategy

Impact

- 1** Competitiveness and demand
- 2** Market development
- 3** Commercialisation strategy
- 4** Scale up potential
- 5** Broader impact

Risk

- 1 Team**
- 2 Risk level of the investment**
- 3 Risk mitigation**
- 4 Implementation plan**

EIC Accelerator Impact

- **Incentivised over €10 billion** in follow-on investments in its portfolio companies
- **Combined valuation of €40 billion** including 12 Unicorns and 112 Centaurs
- **19%** of funding for **women-led** companies

Horizon Europe National Contact Points (NCPs)

Team of national advisors, appointed by the Government to support UK organisations to successfully participate in Horizon Europe by:

- Raising Awareness of the programme
- Helping you find the right Topic
- Identifying the best ways to find partners
- Navigating the EU funding & tender opportunities portal
- Developing the proposal
- Answering any other Horizon Europe related questions

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



[Find National Contact Points from all participating countries](#)



UK Research
and Innovation

Questions?





Innovate
UK

EUREKA Network: Information & Partnering Event

Host: Belen Rebollo-Garcia
Knowledge Transfer Manager- Europe

STARTING SOON...



Innovate
UK

Pitching session

Pitches running order



Organisation	Name
BitBait	Zeino Abdelyamine
Docky	Manish Pillay
Drochaid Research	David Brown
Healthy Air Technology	Chunli CAO
HiGoe	Manzoor Ahmed
Microgen Renewables	Martyn Cowsill
Sasefied	Abhinav Tripathi
Urban Hawk	John Tapsfield
Verdatica	Roy Brooks



NATURAL InRod International UK



- ❖ The Bit Bait Infinity innovative pesticide products are first in the world to be invented toxic chemical-free, Ecological, BIO, 0% industrial chemical for the active ingredient, 0% toxic chemical. They are 100% natural insecticide and rodenticide in the form of gels, pellets, blocks and paste.
- ❖ Proven already in overseas Market
- ❖ Looking for research support to build a scientific reference data to register this unique solution, solve the UK Agriculture and all over the world protect our food security.
- ❖ Interested in partnering with universities and companies in the sector to drive forward plans for UK solution, export and globalization

[Our website:](https://bitbait.co.uk/)

<https://bitbait.co.uk/>

ADAS (advanced driver assist system) for 2-wheelers



Proposed Approach & Experience

Urban mobility and Adoption of greener mobility needs better energy solutions but it also needs adoption of 2-wheeler and other micromobility devices. Safety, security and smartness lie at the heart of such a vehicle(s).

DOCKY solves it by bring ADAS to 2-wheel and three electric vehicles. We solve it by using

1. AI and ML
2. Lean Design
3. Lean Algorithm
4. Extremely low-cost sensor stack components

Collectively the team has experience in AI ML, computer vision, Electrical/ Embedded systems, mechanical design, Validation and testing. We have won innovation awards, and have acquired two customers since inception one of which is a the largers Bike manufactures in the world. We are also funded by Innovate UK on the first of its kind Validation trials for an intelligent ADAS system.

Organisational Capabilities

What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?

AI and ML
Sensor Fusion
Active and Passive Safety system
Embedded systems
Electrical
Mechanical design
2 years of head start on Vision based Detection systems

Partners

If you are looking for partners, what type of partners are you looking for? (Be skills specific)

Suppliers:

- Emdedded electronics
- Chip design
- Board design and manufacturing
- FPGA design and testing
- Electrical Harness

Commercial partners

- Vehicle OEMS
- Fleet operators
- City managers, councils

Administrative Information

We are an SME

Ideally prefer to be lead but could be collaborator for the right project

Contact:

Manish Pillay
Manish.pillay@dock-y.com
United Kingdom

Renewable Chemicals Production



Proposed Approach & Experience

Drochaid can provide a range of options based around our catalyst synthesis development and testing areas of expertise, tailored to the project. We work with project teams to develop a suitable scope and programme for an application. Experience in FT/CO₂/biomass and bioderived substrate transformations. The capability and expertise built on previous projects will accelerate optimization of both catalyst and reaction conditions for biomass feedstock

LevWave (Project number 50057, 2020-2021, £145K Innovate UK Industrial Strategy Challenge Fund) to develop sustainable routes to platform chemicals from paper industry aqueous waste streams.

Collaborated with Unilever and University of St Andrews on **Lignofact** (project number 10027463. £500K, Innovate UK SMART grants, 2021-2023) to produce high performance surfactants from lignin.

FastAceJet - *ATI and High Value Manufacturing Catapult* Sprint project – Collaboration with CPI, University of Nottingham and the University of Sheffield using a combination of bio and chemical catalysis to produce SAF

Partners:

DRS can support partners who are:

- 1) Feedstock owners looking to valorise bio-based or waste feedstocks
- 2) Chemical or fuel producers looking for more sustainable routes to their product offerings
- 3) Research organisations who may need access to a broader range of capabilities to fully explore a given field of study.

Through our wide networks we are also able to link feedstock owners and users where appropriate. In general partners will have limited own capability and/or capacity to perform catalyst research themselves.

Organisational Capabilities:

The DRS team has extensive industrial experience, and an understanding of what is required to develop a catalytic process from laboratory to plant scale. Specific areas of expertise include CO₂ and biomass conversions, including Fischer-Tropsch chemistry and the production and conversion of key bio-based platform molecules. DRS has a wide range of reactor capabilities which enables research in both traditional and non-conventional homogeneous and heterogeneous catalysis. This includes stirred tank, fixed bed and slurry reactors, as well as a microwave reactor which has proven useful for reactions of bio-based feedstocks. Reactions can be run at elevated temperatures and pressures, and in batch or continuous mode. This is complemented by a suite of supporting analytical and characterisation techniques (such as GC, HPLC, IR, XRD *etc.*) which enable a fundamental understanding of catalyst performance and a more directed research approach.

Administrative Information

Drochaid Research Services Ltd. is a small contract research organisation (CRO) based in St Andrews, Scotland. We are able to participate as a project partner in any calls requiring laboratory scale catalysis research.

Contact details:

Dr David Brown

David.brown@drochaidresearch.com

Purdie Building, North Haugh, St Andrews KY16 9ST, United Kingdom

www.drochaidresearch.com

iPure: Advanced Air Quality Solution for vulnerable people



<p>Proposed Approach & Experience</p> <p>What is your understanding of the part of the problem/challenge you can solve?</p> <p>What previous, relevant, work or track record can you bring to the team?</p> <p>Our core mission is to improve indoor air quality, vital for everyone, but especially crucial for those with weakened immune systems. By integrating advanced air purification with artificial intelligence (AI) and sensor networks, we create environments free from harmful pollutants and pathogens. Our cutting-edge solutions, endorsed by the Singapore government for their efficacy against COVID-19, utilize DNO-Catalyst technology and HEPA-13 filtration to eliminate a broad range of air contaminants.</p> <p>Our expertise extends to employing AI for environmental monitoring and health technology. Our intelligent systems are tailored to identify, analyze, and adapt to changes in air quality, employing predictive analytics to fine-tune air purification in real-time, ensuring maximum protection and comfort, particularly in healthcare environments.</p> <p>Our contributions include AI-enhanced projects that elevate air purification effectiveness based on live environmental data while maintaining strict privacy protocols in healthcare settings. By crafting algorithms capable of identifying harmful airborne particles, we aim to advance indoor conditions, offering substantial benefits for individuals with health concerns. This fusion of environmental monitoring and AI-driven healthcare innovations epitomizes our all-encompassing strategy for ameliorating indoor health conditions, affirming our dedication to technological advancement and public well-being.</p>	<p>Partners</p> <p>If you are looking for partners, what type of partners are you looking for? (Be skills specific)</p> <p>We're on the lookout for partners to help validate our air purification system through targeted trials. Ideal collaborators include:</p> <p>Environmental Scientists: Specialists in air quality who can precisely evaluate our system's impact.</p> <p>Healthcare Experts: Professionals from healthcare settings who can assist in testing our system's benefits in medical environments.</p> <p>Data and AI Specialists: Analysts proficient in data interpretation and AI to enhance our system's predictive capabilities.</p> <p>Facility Managers: Individuals experienced in overseeing environments like schools or corporate buildings, essential for our system's application and monitoring.</p> <p>Regulatory Authorities: Experts knowledgeable in air quality standards to ensure our trials adhere to compliance and safety regulations.</p> <p>Collaborating with these experts will significantly contribute to demonstrating our system's effectiveness in improving indoor air quality, aiming to create safer, healthier environments across various sectors.</p>
<p>Organisational Capabilities</p> <p>What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?</p> <p>Our organization brings a comprehensive set of capabilities to this innovation project, including:</p> <p>Advanced Air Purification: Specialization in DNO-Catalyst technology and HEPA-13 filtration for eliminating airborne pathogens and pollutants.</p> <p>AI Integration: Utilization of artificial intelligence and sensors for real-time air quality analysis and optimization.</p> <p>Expertise and Collaboration: A strong background in environmental science and proven collaboration with healthcare institutions, ensuring effective system implementation.</p> <p>Compliance and Innovation: Compliance with international standards, notably recognized by the Singapore government for COVID-19 efficacy, backed by an innovative R&D department.</p> <p>Scalable Production and Support: Advanced manufacturing facilities for scalable production and dedicated customer support for user education and system optimization.</p> <p>These combined strengths position us to lead in air quality improvement, targeting significant health and environmental benefits.</p>	<p>Administrative Information</p> <p>Is your organisation academic, SME, big business, etc.</p> <p>Are you planning on being the Coordinator or a Partner?</p> <p>We are a SME company, both coordinator or partner are okay with us.</p> <p>Name: Dr Chunli CAO</p> <p>Email: c.cao@healthyairtech.com</p> <p>What country are you from: UK</p>

Proposed Approach & Experience

What is your understanding of the part of the problem/challenge you can solve?

What previous, relevant, work or track record can you bring to the team?

We have in-depth knowledge of digital healthcare projects having been involved in digital projects that involve primary (GP Clinics), secondary (acute care), care in the community and private and public care home providers. Also, we are subject matter experts in the healthcare domain. Currently we have a commercial platform for the management of healthcare workers who are responsible for taking care of older patients for domiciliary and residential care. HIGOE are developing an IoT based integrated platform for the provision of health and social care for the older persons with chronic conditions (Frailty, diabetes and CVD).

Partners

If you are looking for partners, what type of partners are you looking for? (Be skills specific)

Academic institutions dealing with older patient care pathways and social aspects of the use of healthcare technology.

Healthcare clinical experts supporting older person care in the community. SME's, RI's, Universities investigating use of AI/ML and LLM's in healthcare.

Organisational Capabilities

What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?

HIGOE is an SME, comprising of a multidisciplinary R&D team of software engineers, developers, neuroscientists, clinicians, designers with in-depth experience of developing digital platforms. Other experience of the team includes software innovation (AI/ML, blockchain, and cloud solutions), Healthcare IoT data integration, information technologies, integration (software/hardware), communication technologies (speech processing), communication & dissemination of research (development of websites, publications of papers), social media marketing and consortium (multi country) project management.

Administrative Information

Is your organisation academic, SME, big business, etc.

Are you planning on being the Coordinator or a Partner?

We are an SME and plan on becoming a partner

Your contact details including:

Manzoor Ahmed, Manzoor.Ahmed@higoe.com

What country are you from?

United Kingdom

Eureka Programme Support & Partner Brokerage

<p>Proposed Approach & Experience What is your understanding of the part of the problem/challenge you can solve?</p> <p>Micro Hydropower Mini-grids offer the lowest-cost form of zero-carbon access to electricity for off-grid communities in Least Developed Countries (LDCs). But the small ‘investment ticket’ sizes of individual installations are not attractive to the private-sector financiers who are vital to SDG7.</p> <p>What previous, relevant, work or track record can you bring to the team?</p> <p>MicroGen owns ‘ISMO’ – a satellite-based earth observation tool which enables scale in the identification and development of hydropower installations, of various sizes, qualified as suitable according to location characteristics (proximity of users, roads, grid-infrastructure, nature reserves, etc.) <i>and in very large numbers</i>.</p>	<p>Partners type of partners are you looking for?</p> <p>Hydropower equipment manufacturers/suppliers Mini-grid developers Agri-processing Enterprise Developers Impact Measurement</p>
<p>Organisational Capabilities What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?</p> <p>Market potential surveys (satellite-based surveying of river valleys) Research & Report Writing Supply Chain Management MicroGen has a global database of industry, NGO, government contacts. Experience in project development and design in multiple Sub-Saharan Africa countries</p>	<p>Administrative Information</p> <p>MicroGen is a UK-based industrial SME We hope to be a project partner or supplier</p> <p>Martyn Cowsill , CEO martyn@microgenrenewables.com UK-based, but with capabilities in all countries (we’re satellite-based)</p>

CALL/TOPIC Name (Reference)



Proposed Approach & Experience

What is your understanding of the part of the problem/challenge you can solve?
What previous, relevant, work or track record can you bring to the team?

Creation of Corporate Bots i.e. bots who can guide employees or clients from organizations policies and processes. We use AI & ML to answer any query employees may have within minutes rather than depend on emails or ticket or phone calls. Some use cases of technology -

1. Organization uses resources to manage HR query resolution for employees manually
2. Judges use manual research to site old judgements manually and need weeks to write full judgement on cases. This technology if trained can do this task within minutes
3. People need information on Municipality services which this technology can provide within minutes

Experience - Sasefied has 25 strong software developers and is led by AbhinavTripathi. Abhinav was Director in a leading global Investment Bank.

Partners

If you are looking for partners, what type of partners are you looking for? (Be skills specific)

Looking for partners such as Government Organizations or Corporate willing to act as Pilot for our technology.

Organisational Capabilities

What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?

AI Product & Services development organization with an AI first approach.

Administrative Information

Is your organisation academic, SME, big business, etc.
Are you planning on being the Coordinator or a Partner?

SME in AI & Machine Learning - Yes we would like to partner
Name - Abhinav Tripathi
Organization - Sasefied
Contact - 0044 7459103380
Location - London, UK

Software Innovation in Infrastructure Modelling & Resilience – ITEA4



Proposed Approach & Experience

Looking for partners to address infrastructure modelling and resilience, Security and Urban modelling.

Urban Hawk offers Polaron – a large scale Voxel based simulation tool (optimised for EOS scale data) and real-time simulation from data feeds. Recently completed a major role (supporting 4 different clusters) within Horizon 5G-Victori project, exploiting edge based 5G nodes to provide a real-time simulation of infrastructure disruption, routing and a multi user simulation environment with DB, providing insurance triggers, edge based simulation and powering metaverse and real-time decision making.

This permits massive scale real-time, and synthetic analyses, what-if scenarios and resilience planning, natural catastrophes and second and third order effect modelling.

Organisational Capabilities

What skills, capabilities, facilities does your organisation have that will be vital for the innovation project you propose?

Our capabilities are high TRL and highly adaptable. We can bring EOS and ML knowledge as well as large scale simulation. We are a fully remote business but always happy to arrange space for meetings or travel.

C++, Deep Simulation Knowledge, GPU utilisation and Web / Big data operations. Fusion and analysis of data, including error correction, synthetic data and user experience.

Partners

- Experience working in European programmes (desirable)
- ML / Ai and Graph technologies
- Connections to the Infrastructure Industry (water, power)
- NBS and simulation comprehension
- C++ or Python based skills
- Network infrastructure and connected systems experience
- Security and Secure environments
- Transport & Logistics (desirable)
- EOS / Spatial data understanding
- Analytics and Data Science
- SME / Academic.

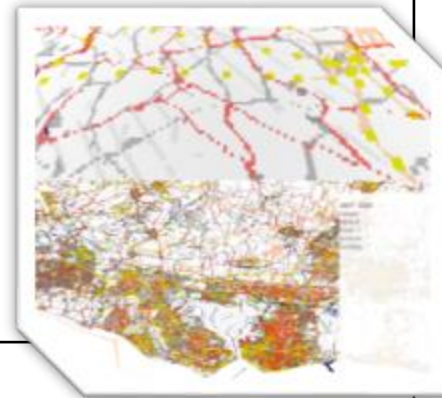
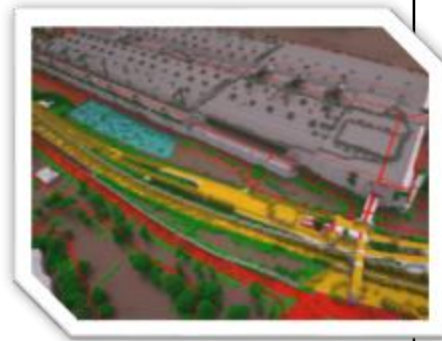
Administrative Information

SME looking to partner, could also lead. (lots of PM and business experience)

Your contact details including:
John Tapsfield – CTO

john.tapsfield@urbanhawk.space
www.polaronworldengine.com

UK based (*Bristol / London).



Network projects



<p>Less than 10% of industry worldwide uses sustainable, bio-based materials</p> <p>Fragmented information across hard-to-reach sources hinders informed discovery, decision-making and adoption</p> <p>Build a comprehensive and accessible 'genome record' - a single, user-friendly platform that consolidates scattered data and knowledge about individual bio-based materials and their properties.</p> <p>Empower stakeholders - Designers, engineers, manufacturers, procurement executives, sustainability experts etc. – with a one-stop shop for bio-based material data and sustainability metrics</p> <p>Create a dynamic ecosystem where bio-based material producers can easily lodge data and information, directly benefiting from a large user audience seeking sustainable material solutions</p> <p>By turning fragmented material information from hard-to-find sources into searchable, accessible and useful information, we aim to accelerate global adoption of bio-based materials at scale</p>	<p><i>Bio-based materials development</i></p> <p><i>Pre and market-ready</i></p> <p><i>Data development at scale</i></p> <p><i>Automated data acquisition, cleaning, categorisation, storage and security</i></p> <p><i>Natural Language Processing for search and analytics</i></p> <p><i>Data visualisation</i></p>
<p>65 years of collective experience gained through the creation, delivery and promotion of ground breaking data-driven solutions for some of the world's most notable organisations including the NHS, BBC, London Stock Exchange, IBM, Hewlett Packard, Microsoft and many more</p> <p>Experience in technology-adjacent disciplines grounds the platform's development with real-world perspectives. A deep understanding of systems, markets, business, and policy dimensions informs functionality design, embedding relevance and value</p>	<p>Verdatica is a UK SME</p> <p>Roy Brooks</p> <p>royb@verdatica.com</p>



Innovate
UK

Key Dates & Key messages

UK Engagement with CBE-JU

EUROPEAN PARTNERSHIP Co-funded by the European Union **eureka** eurostars

Eurostars

Ready for Take off 

4 april 2024  ARTIS Amsterdam

As an innovative entrepreneur, you embark on an exciting journey to bring your innovation to where it belongs, available to society and boosting progression of our world. You may face many challenges along the way, always seeking the best way to move forward. This event is the best place to start looking next.

-  PROGRAM & SPEAKERS
-  VENUE
-  ATTENDEE HUB
-  REGISTRATION

<https://www.eurostars2024.nl/home/>



Travel Support available for UK-based R&D SMEs to attend European events

Posted on: 31/08/2023



<https://iuk.ktn-uk.org/news/travel-support-now-available/>



SCAN ME