Housekeeping

- To avoid background noise all participants will be muted.
- After testing your speakers, please do remember to connect your audio by using the “Join Audio” icon at the bottom left of the screen or dial in via phone using the number provided in the joining instructions.
- If you have any technical problems, please use the chat to seek advice from the host (Michael Foster)
- Questions and Answers: Use the Q&A function. We will pick them up at “Q&A session”.
- Please use the chat to introduce yourself, please note due to GDPR we cannot share the chat. Capture what you need.

PLEASE NOTE – THE WEBINAR IS BEING RECORDED
<table>
<thead>
<tr>
<th>Time (UK)</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:30</td>
<td>Welcome</td>
<td>Viola Hay, Innovate UK KTN</td>
</tr>
<tr>
<td>11:40</td>
<td>Introduction CELTIC-NEXT Spring Call 2023</td>
<td>Xavier Priem, CELTIC-NEXT</td>
</tr>
<tr>
<td>11:55</td>
<td>CELTIC-NEXT UK Focus</td>
<td>Tom Kirkham, Innovate UK</td>
</tr>
<tr>
<td>12:10</td>
<td>Q&amp;A</td>
<td>Belen Rebollo, Innovate UK KTN</td>
</tr>
<tr>
<td>12:25</td>
<td>Innovate UK KTN Travel Grants. Key dates &amp; key messages.</td>
<td>Viola Hay, Innovate UK KTN</td>
</tr>
<tr>
<td>12:30</td>
<td>Close</td>
<td></td>
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</tbody>
</table>
Innovate UK KTN – European Programmes
Activity and support

Viola Hay
Knowledge Transfer Manager
– European Programmes
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
Our Network

- 46,229 Unique Organisations
- 72% Small
- 15% Medium
- 13% Large
- 234,478 innovators
- Every university in the UK

Our Outputs

- 66% introduced by KTN go on to collaborate
- 42% reach outcomes faster (1-2 years)
- 60% increased investment in R&D direct result from KTN engagement
- £100m per year increased investment in R&D
Theme 3: Global opportunities

More and more countries are looking to science and innovation to build their economies and meet global challenges. There is a major opportunity for international co-operation on research and development and innovation that builds on our world-class science and research capabilities and industry strengths.
We connect **regional, national and global** innovation

Our **Global Alliance** programme drives international collaborations with governments, societies, enterprises, institutions and people from every corner of the globe.
We support UK organisations in **engaging with International R&I initiatives** (i.e. Horizon Europe and EUREKA, among them) and help shape future funding priorities by:

- Organising consortium building activities / events in selected topics
- Offering “Travel Grants” to attend European brokerage events
- Managing international collaboration platforms
- Engaging with International Partnerships and Technology Platforms
- Providing sector specific advice on market opportunities and project impact

*We work closely with the National Contact Points, Innovate UK Edge and the FCDO / Science Innovation Network.*
Global Alliance: European Programmes

European Programmes Experts

Jane Watkins
Regional Lead

Viola Hay
Knowledge Transfer Manager

Belen Rebollo
Knowledge Transfer Manager

Find out more

@KTN_Global

Horizon Europe Hub
https://ktn-uk.org/programme/european
Introduction CELTIC-NEXT
Spring Call 2023

Xavier Priem
CELTIC Office Director
Upcoming Spring Call 2023
Proposers’ Brokerage Day
in Paris (17 March 2023)
Information Webinar for UK

Online webinar, 21 February 2023
Xavier Priem, CELTIC-NEXT Director
is the EUREKA ECP* Cluster for next-generation communications for a secured, trusted, and sustainable digital society.

*Eureka Clusters Program, launched on 17/6/2021
CELLIC-NEXT is...

- The ICT Cluster under the umbrella of EUREKA
- Focused on Next-Generation Communications for the Digital Society
- A flexible and agile community of over 1150 private and public organisations, among prominent industry players, small & medium-sized enterprises and academic/research institutions
- The organiser of regular calls for projects, twice a year, in Spring and Autumn; and larger Flagship Calls
- Financed through public and private funding through transnational RD&I cooperation
- Open to any organisation willing to contribute to the industry-driven European and beyond ICT research programme
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

CELTIC leverages on its continuous Eureka Clusters Success Story of over 18 years and 1.2 Bio€ R&D investment, trusted by the Industry and Public Authorities.
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:

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

A strong ambition of CELTIC-NEXT is to:

- Assist Eurekan National Authorities, Eurekan Industry, and Eurekan Societies
- Make them access to societal benefits, competitive advantages, commercial returns of being at the forefront of the new digital society
EUREKA-CELTC-ESA
MoI Signature Event
November 2021 – Porto

Also announced to the Ministerial Event the week before.
Memorandum of Understanding with 6G-IA signed

On 4th April 2022, Eureka Cluster CELTIC-NEXT and the 6G Smart Networks and Services Industry Association (6G-IA) signed a Memorandum of Understanding (MoU), which aims at establishing synergies and complementary activities in collaborative ICT research. The MoU will help foster economic growth and jobs through coordinated R&D&D activities and the commercial exploitation of generated results. The collaboration aims to leverage the complementarity of 6G-IA and CELTIC-NEXT and build on synergies to maximise the return on investment and to support achieving the UN Sustainable Development Goals.

ICT has become, more than ever, a pillar of sovereignty and resilience in the rapidly changing social, political and economic environment of today and its regional battlegrounds. The Russian war against Ukraine as well as the measures against the COVID-19 pandemic have shown how critical it is to count on both terrestrial and non-terrestrial ICT services, as together they constitute one of the critical infrastructures of a country, especially considering the digitalisation of the society and the vertical industries.

Therefore, it is mandatory to increase and leverage to its maximum the European and allied countries‘ funding to reach a critical mass of R&D&D and a faster time-to-market for the European countries and their allied ICT industry.

How the MoU will be implemented

- To support the achievement of their common objectives, the signatories intend to:
  - Create awareness and promote opportunities for collaboration within and across the respective communities
  - Consult mutually on their SRIA
  - Collaborate on the organisation and execution of activities with a view to reaching the common objectives identified
  - Participate in and support suitable events organised by the other signatory
  - Plan and manage joint activities in areas of common interest in line with the signatories’ respective legal frameworks
  - Undertake joint communication, as appropriate
  - Leverage their relevant resources and expertise necessary to ensure the success of the common objectives
  - Regularly review the effectiveness of this collaboration, with reference to the priorities agreed

Conclusion

This MoU is the second of a series of new collaborations for CELTIC-NEXT. This fulfils the objectives set by CELTIC-NEXT’s Core Group to develop CELTIC-NEXT’s support to and impact for the ICT community by enriching its DNA with new verticals and communities. The 6G-IA community is also eager to collaborate more with the CELTIC ICT community. This MoU offers the perfect playground for both communities to meet and work together on strategic topics and projects.
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
### Why applying to CELTIC-NEXT Calls?

<table>
<thead>
<tr>
<th>By participating, you will get</th>
<th>Expectable benefits for you</th>
<th>Your opportunities are</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The award of an Globally Recognised Label</td>
<td>• Boosting your competitiveness</td>
<td>• Be part of an ecosystem covering the technology and business whole value chains (Large Industry, SMEs, Startups, RTOs, Academia, end-users)</td>
</tr>
<tr>
<td>• Professional coaching and mentoring</td>
<td>• Accelerating your growth</td>
<td>• Immerge yourself into a rich ecosystem</td>
</tr>
<tr>
<td>• Easy access for SMEs</td>
<td>• Shortening time to market</td>
<td>• Build RD&amp;I consortia during brokerage and other events</td>
</tr>
<tr>
<td>• Access to SMEs for Large industry</td>
<td>• Accessing new markets</td>
<td>• Lead or be part of an industry lead project</td>
</tr>
<tr>
<td>• Access to partners from more than 45 countries</td>
<td>• Increasing your international visibility</td>
<td>• Create and foster collaborative innovation</td>
</tr>
<tr>
<td>• Access to national funding (while having international co—innovation)</td>
<td>• Exposing your know-how to the eco-system</td>
<td>• Stimulate disruptive and sustainable ideas</td>
</tr>
<tr>
<td>• Transnational RD&amp;I cooperation</td>
<td>• Receiving guidance, coaching and monitoring of your project by the CELTIC Office,</td>
<td>• Run and manage your collaborative project</td>
</tr>
<tr>
<td></td>
<td>• Being supported by a flexible project coaching process where you can adapt your project plan, consortium and other aspects, in Agile way, using CELTIC’s Project Change Requests</td>
<td>• Adapt to internal and external circumstances</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Generate high economic impact</td>
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<tr>
<td></td>
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<td>• Grow and collaborate beyond borders</td>
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<tr>
<td></td>
<td></td>
<td>• Deliver high social and economic impacts</td>
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<td>• Support U.N. SDGs</td>
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Opportunities to collaborate globally

Europe
UK
Canada
South-Korea
South-Africa
Singapore

And potentially more countries in the future

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

From CALL OPENING to PROPOSAL SUBMISSION
- Call Opening
- Eureka Project Portal account creation
- Project Idea Preparation
- Proposer’s Day Idea Pitch
- First contact with Public Authorities
- Consortium Building Session

From LABEL DECISION to PROJECT KICK-OFF
- Full Celtic Project Proposal (CPP) submission
- Project Labelling
- Full National Applications Processed
- First PCR delivery
- Coorporation agreement
- Project Kick-off

From RUNNING PROJECT to PROJECT END
- Project Running
- Every 3 months impact reporting
- Mid-Term Review
- Final Term Report
- Project End

Monitoring and coaching by Celtic Office

https://www.celticnext.eu/call-information/
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)

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

Xavier PRIEM
CELTIC-NEXT - Director
c/o Eurescom GmbH
Wieblinger Weg 19/4
69123 Heidelberg, Germany

Mobile: +49 1515 796 2180
Fax: +49 6221 989 209

Email: mailto: priem@celticnext.eu
Web: https://www.celticnext.eu/

CELTIC-NEXT is a division of Eurescom GmbH/ Heidelberg
CELTIC-NEXT Spring Call 2023:
Preparing for this call,
Practical recommendations

Tom Kirkham
Innovation Lead Future Network Technology
Innovate UK
CELTIC-NEXT UK FOCUS

Tom Kirkham
Innovation Lead Future Network Technology
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.
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

- DCMS & Innovate UK Funding
  - 2023 Budget ~ £5m
  - Up to 700k per project (UK funding)
  - Not impacted by Horizon Europe Association

- InnovateUK 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
Competition Process

1. Initial submission to CELTIC-NEXT as part of wider project
   - Projects ranked and successful projects notified
   - Deadline May 2023

2. Projects with “Label” from CELTIC-NEXT UK apply via Innovate UK
   - Submissions open August 2023

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

- Wide ranging application areas to **align with wider CELTIC call**
  Including by **not limited** to:
  - Smart City application of technology
  - eHeath 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
Thank you
Tom.Kirkham@iuk.ukri.org
Any Questions?
Key Dates &
Key Messages
# KEY DATES

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Opening</td>
<td>1-Dec-22</td>
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<tr>
<td>Launch Event</td>
<td>9-Dec-22</td>
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<tr>
<td>Proposers Brokerage Day</td>
<td>17-March-23</td>
</tr>
<tr>
<td>Deadline for Proposals</td>
<td>24 May-23</td>
</tr>
<tr>
<td>Labels Notifications</td>
<td>Jun-23</td>
</tr>
</tbody>
</table>

**Spring Call 2023**

*Open until 24th of May 2023*

[www.celticnext.eu](http://www.celticnext.eu)
Travel Support now available for UK-based R&D performing SMEs to attend CELTIC-NEXT EUREKA Proposers Brokerage Day in Paris, 17th March 2023

APPLY HERE

Deadline for Travel Support applications: 9am (GMT) on Friday, 24th February 2023

Applicants will be notified Monday, 27 February 2023.
Innovate UK KTN Travel Grants supports 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 together with the respective webinar
- A maximum of £500 can be claimed as a contribution towards travel costs incurred for the purpose of attending the specific event. *Only 1 representative per SME.*
- Applicants awarded travel support must:
  
  - [\textbullet](#) register for the event themselves: [https://www.celticnext.eu/celtic-brokerage-event-spring-call-2023/](https://www.celticnext.eu/celtic-brokerage-event-spring-call-2023/)
  - [\textbullet](#) book and pay for their travel (in advance of the event) and
  - [\textbullet](#) submit their travel claim to the Innovate UK KTN contact advised.
EUREKA – CELTIC-NEXT SPRING CALL 2023
Proposers Brokerage Day
Travel Awards

Global Alliance Newsletter – December 2022 edition

Innovate UK KTN Global Alliance Newsletter