

WELCOME!

EUREKA – CELTIC-NEXT SPRING CALL 2023

Next-Generation Communications for the Digital Society

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



AGENDA

Time (UK)	Title	Speaker
11:30	Welcome	Viola Hay, Innovate UK KTN
11:40	Introduction CELTIC-NEXT Spring Call 2023	Xavier Priem, CELTIC-NEXT
11:55	CELTIC-NEXT UK Focus	Tom Kirkham, Innovate UK
12:10	Q&A	Belen Rebollo, Innovate UK KTN
12:25	Innovate UK KTN Travel Grants. Key dates & key messages.	Viola Hay, Innovate UK KTN
12:30	Close	





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



Innovate UK
KTN

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



Innovate UK
KTN

Primary Delivery Partners

UK Government



Department for
Science, Innovation
& Technology



Department for
Business & Trade



Department for
Energy Security
& Net Zero



Department
for Culture
Media & Sport



Foreign &
Commonwealth
Office



UK Science
& Innovation
Network



Innovate UK
KTN



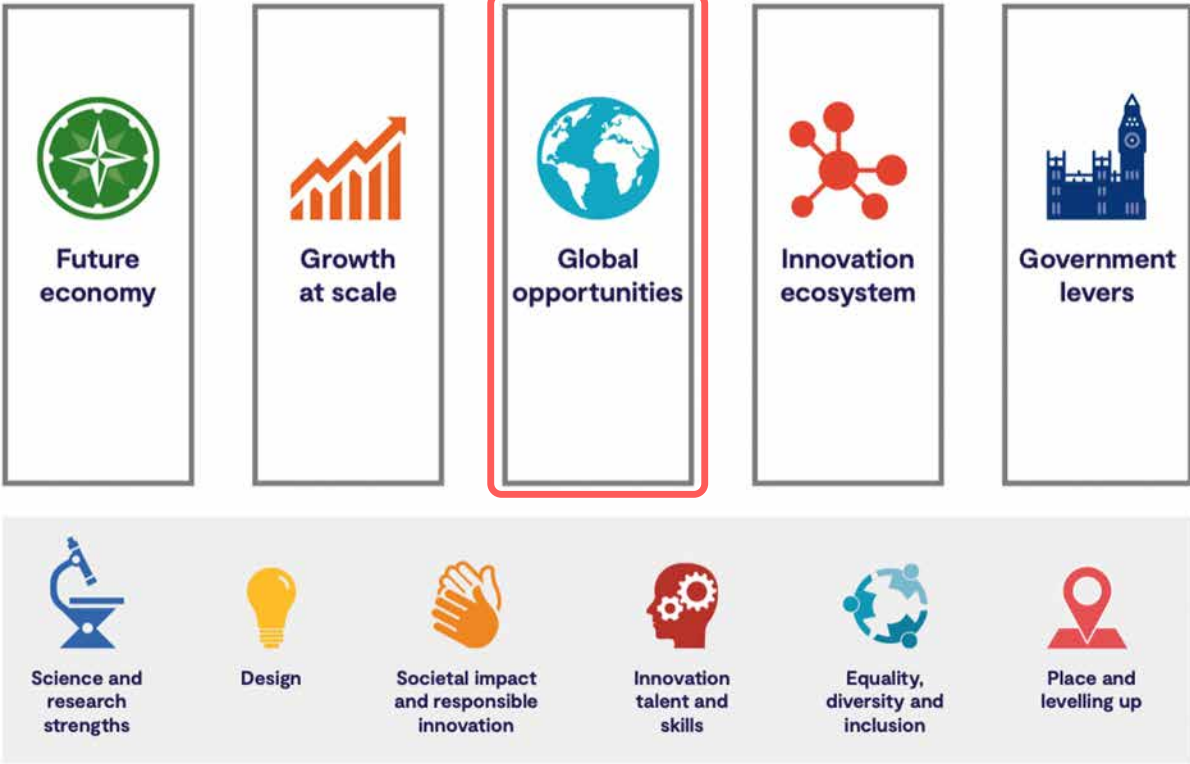
UKRI Innovate UK

Building the future economy

Plan for action for UK business innovation

inspire | involve | invest

2021–2025



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.





Global Alliance: European Programmes

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.



InnovateUK
KTN



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>



Innovate UK
KTN



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



CELTIC-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

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



➤ **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-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 :

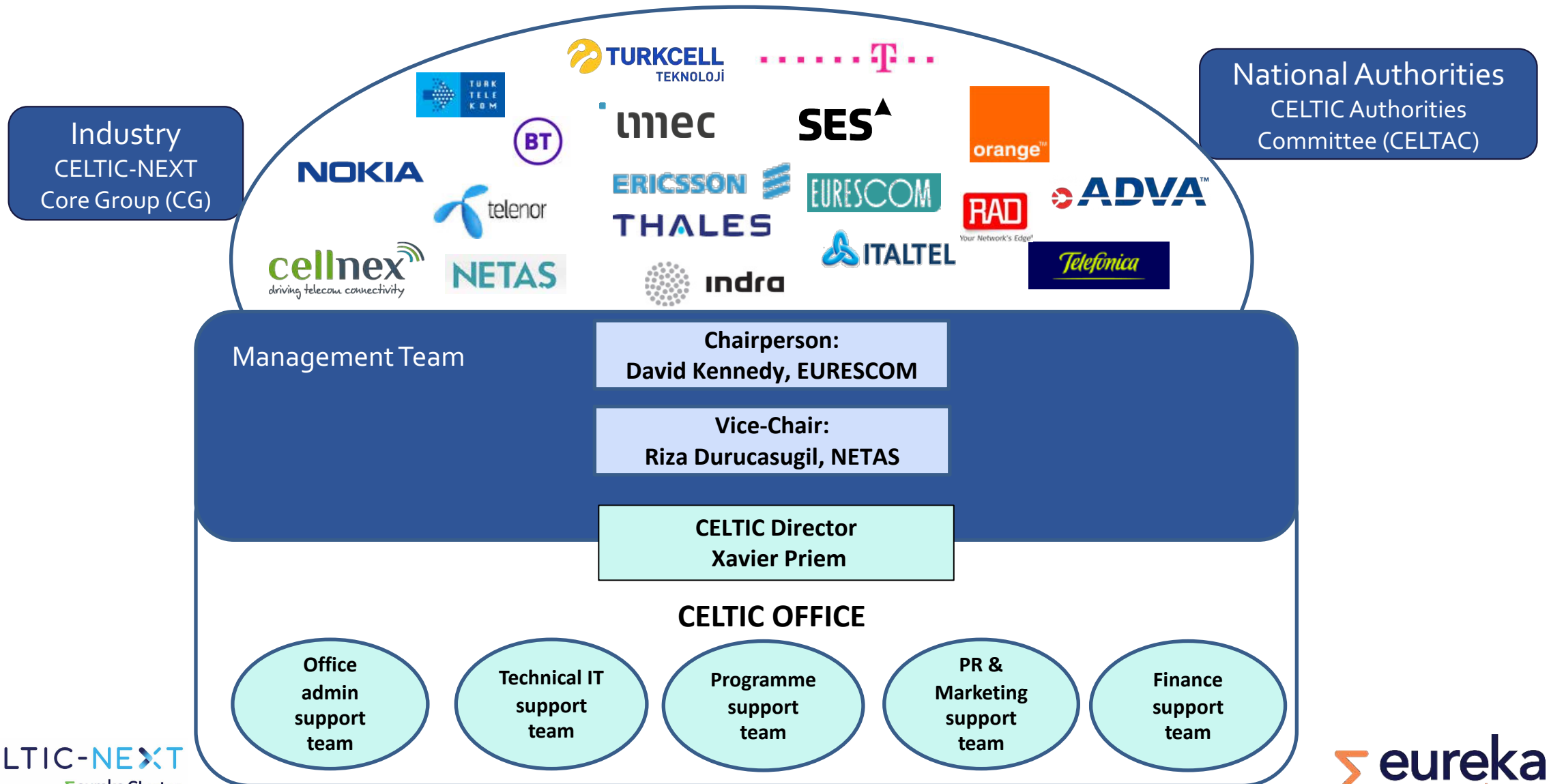
- Eureka manufacturers and service providers
- With a high degree of Eureka sovereignty

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



Core Group Organisation



EUREKA-CELTIC-ESA MoI Signature Event

November 2021 – Porto



Press Release
Eureka PT Chair | Eureka Cluster – CELTIC | European Space Agency

Connecting Terrestrial ICT with Space ICT
Strategic Collaboration between Eureka, CELTIC-NEXT and ESA ARTES



Porto, 22 November 2021. Eureka Cluster CELTIC-NEXT (CELTIC-NEXT) and the European Space Agency (ESA) signed a Memorandum of Intent (MoI) today, which aims to bring their respective communities closer together. This will enable the faster convergence and development of terrestrial and non-terrestrial network and service technologies in the innovative field of Space ICT.

The MoI will help to foster economic growth and jobs through coordinated R&DI activities and the commercial exploitation of integrated space and terrestrial systems enabled by 5G and 6G. The collaboration aims to leverage the complementarity of ESA and CELTIC-NEXT and build on synergies to maximise the return on investment and to support achieving the UN Sustainable Development Goals.

Eureka Chairman Miguel Bello Mora, Elodie Viau – Director of Telecommunications and Integrated Applications and Head of ECSAT at the European Space Agency (ESA), and CELTIC Office Director Xavier Priem.

Also announced to the Ministerial Event the week before.

6G-IA/SNS

MoU

April 2022

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&I 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 resiliency in the rapidly changing social, political and economic environment of today and its regional battlefields. 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&I and a faster time-to-market for the European countries and their allies' ICT industry.

This Memorandum of Understanding provides the platform for leveraging on each signatory's strengths and cooperation, to support sovereignty and resiliency for Europe and allied countries.

The purpose of this MoU is to set out a simple framework where the signatories can identify the complementary nature of their respective objectives and to identify and implement shared activities that benefit both initiatives and contribute to the achievement of their goals.

The signatories aim to leverage the diversity of 6G-IA and CELTIC-NEXT as well as the fact that their projects are somewhat sequential in terms of their Technology Readiness Levels (TLRs), to maximise the return on the respective investments and increase the impact on the Sustainable Development Goals.

The signatories will focus on encouraging cross-programme discussions and workshops on potential technology pathfinders and solutions, with a view to stimulating a pipeline of new projects for both initiatives and sharing reciprocal contributions to each other's Strategic Research and Innovation Agenda (SRIA) documents.

The focus of the cooperation is to stimulate the respective communities to consider the issues in a holistic way considering the "end-to-end" perspective of the new communications services being enabled by 5G and 6G technologies, as well as developing an understanding of the economic, environmental, and societal benefits.

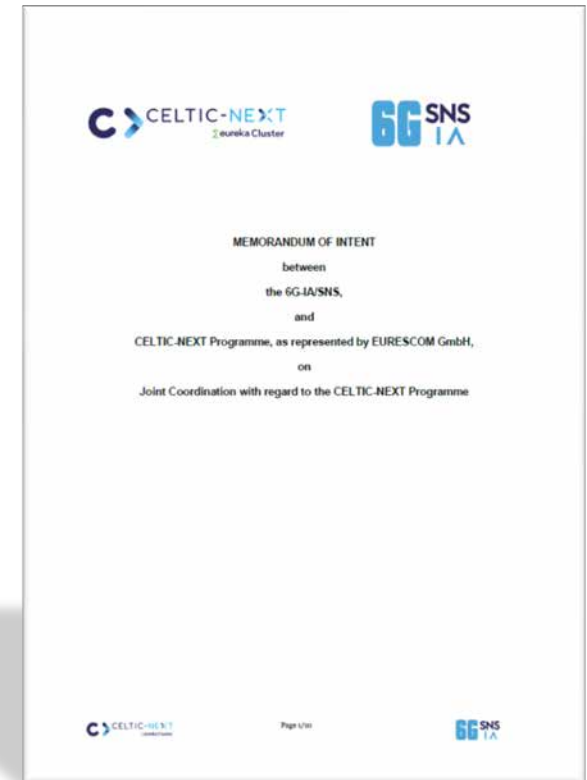
How the MoU will be implemented

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 SRIAs
- › Collaborate on the organisation and execution of activities with a view to reaching the common objectives identified
- › Participate in and support suitable events organized 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



CELTIC-NEXT
Σ eureka Cluster

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

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

elhealth, Proptech, National Lab Uses, Smart Home, Smart Cities, Automotive Telecom, Public Safety, Smart Enterprise & Factory, IoT

SUBMIT YOUR PROPOSAL
www.celticnext.eu



CELTIC-NEXT
Σ eureka Cluster

SPRING CALL 2023
Open for submission

Key dates

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

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 17th of March 2023
Bpifrance Le Hub, Paris

Key dates

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



Σ eureka Clusters
Sustainability Call 2022

Why applying to CELTIC-NEXT Calls?

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
- 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

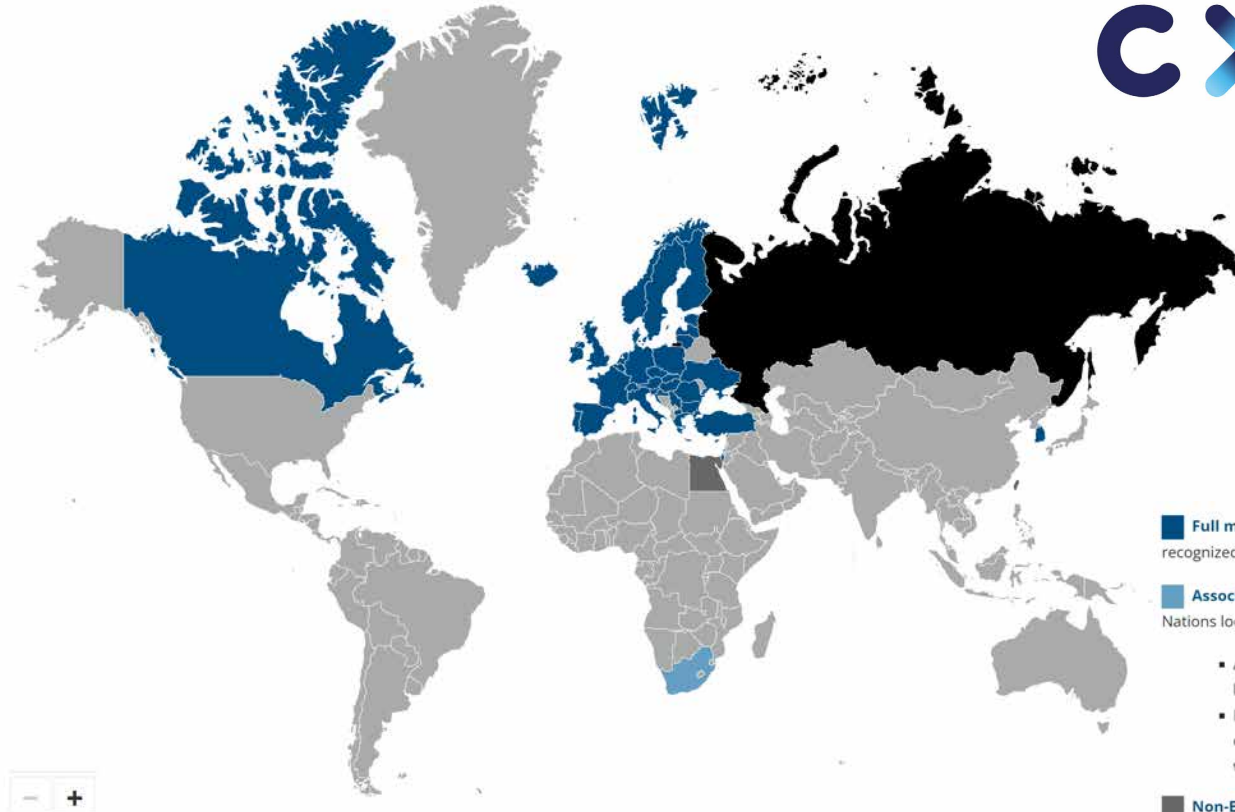
- Boosting your competitiveness
- Accelerating your growth
- Shortening time to market
- Accessing new markets
- Increasing your international visibility
- Exposing your know-how to the eco-system
- Receiving guidance, coaching and monitoring of your project by the CELTIC Office,
- Being supported by 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



Your opportunities are

- Be part of an ecosystem covering the technology and business whole value chains (Large Industry, SMEs, Startups, RTOs, Academia, end-users)
- Immerge yourself into a rich ecosystem
- 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 sustainable ideas
- Run and manage your collaborative project
- 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



Full membership: Permanent membership open to countries recognized by the United Nations located inside geographical Europe.

Associated & Partner: For any country recognised by the United Nations located outside of geographical Europe.

- Associated membership lasts for four years and is renewed based on active participation in our programmes.
- Partner membership is permanent membership for associated countries who, after two four-year periods of active participation, wish to commit to Eureka.

Non-Eureka country

Cooperation on-hold

Austria (AT)	Belgium (BE)	Bulgaria (BG)	Canada (CA)	Croatia (HR)	Cyprus (CY)	Czech Republic (CZ)	Denmark (DK)	Egypt (EG)	Estonia (EE)	Finland (FI)
France (FR)	FYROM (MK)	Germany (DE)	Greece (GR)	Hungary (HU)	Iceland (IS)	Ireland (IE)	Israel (IL)	Italy (IT)	Latvia (LV)	Lithuania (LT)
Luxembourg (LU)	Malta (MT)	Monaco (MC)	Netherlands (NL)	Norway (NO)	Poland (PL)	Portugal (PT)	Romania (RO)	Russia (RU)	San Marino (SM)	Serbia (RS)
Singapore (SG)	Slovakia (SK)	Slovenia (SI)	South-Africa (ZA)	South-Korea (KR)	Spain (ES)	Sweden (SE)	Switzerland (CH)	Taiwan (TW)	Turkey (TR)	Ukraine (UA)
United Kingdom (GB)										

Europe

UK

Canada

South-Korea

South-Africa

Singapore

And potentially more countries in the future

Celtic-Next Calls and Projects Timeline

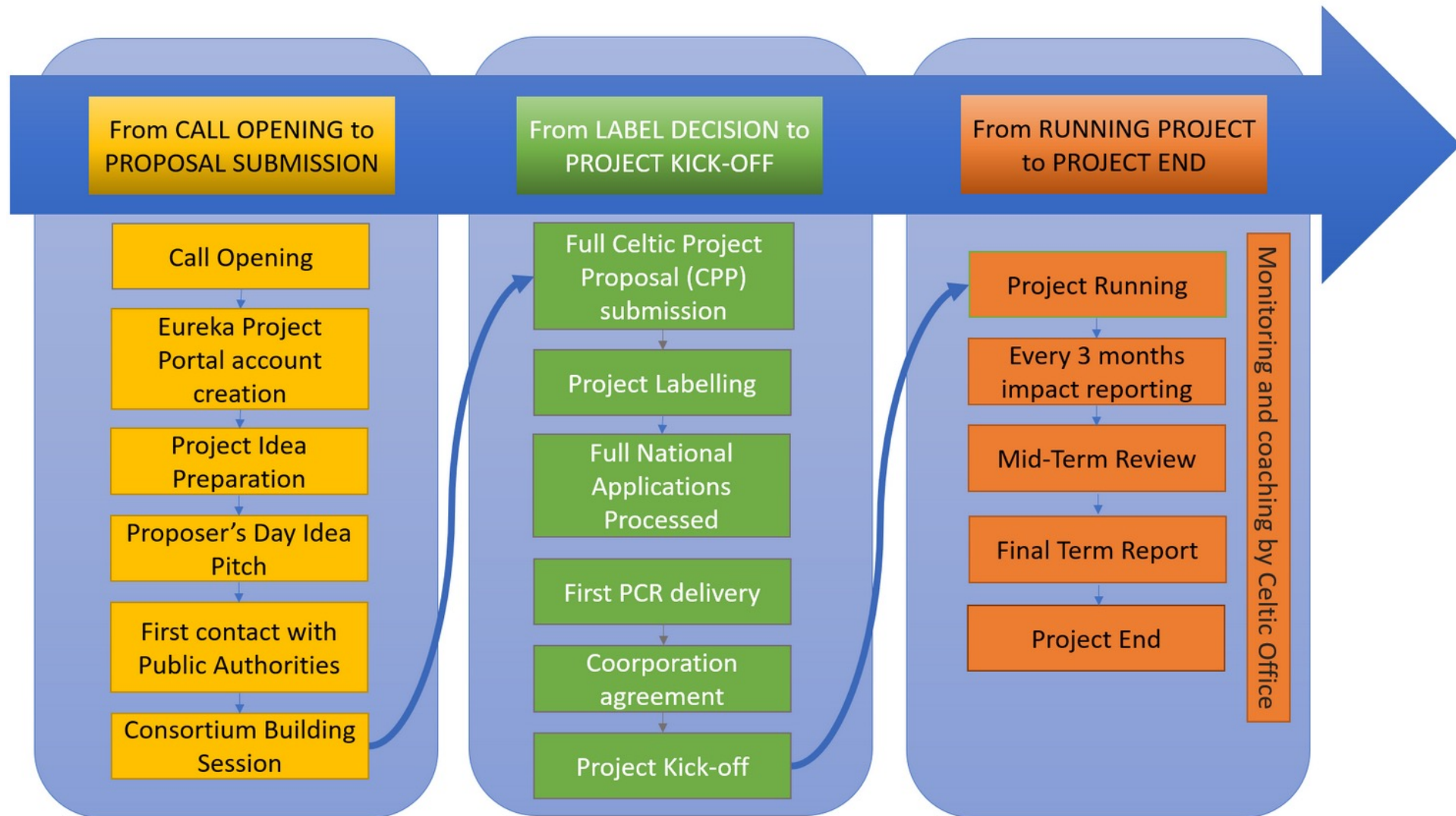


Important: please contact the Public Authorities before Projects submission:

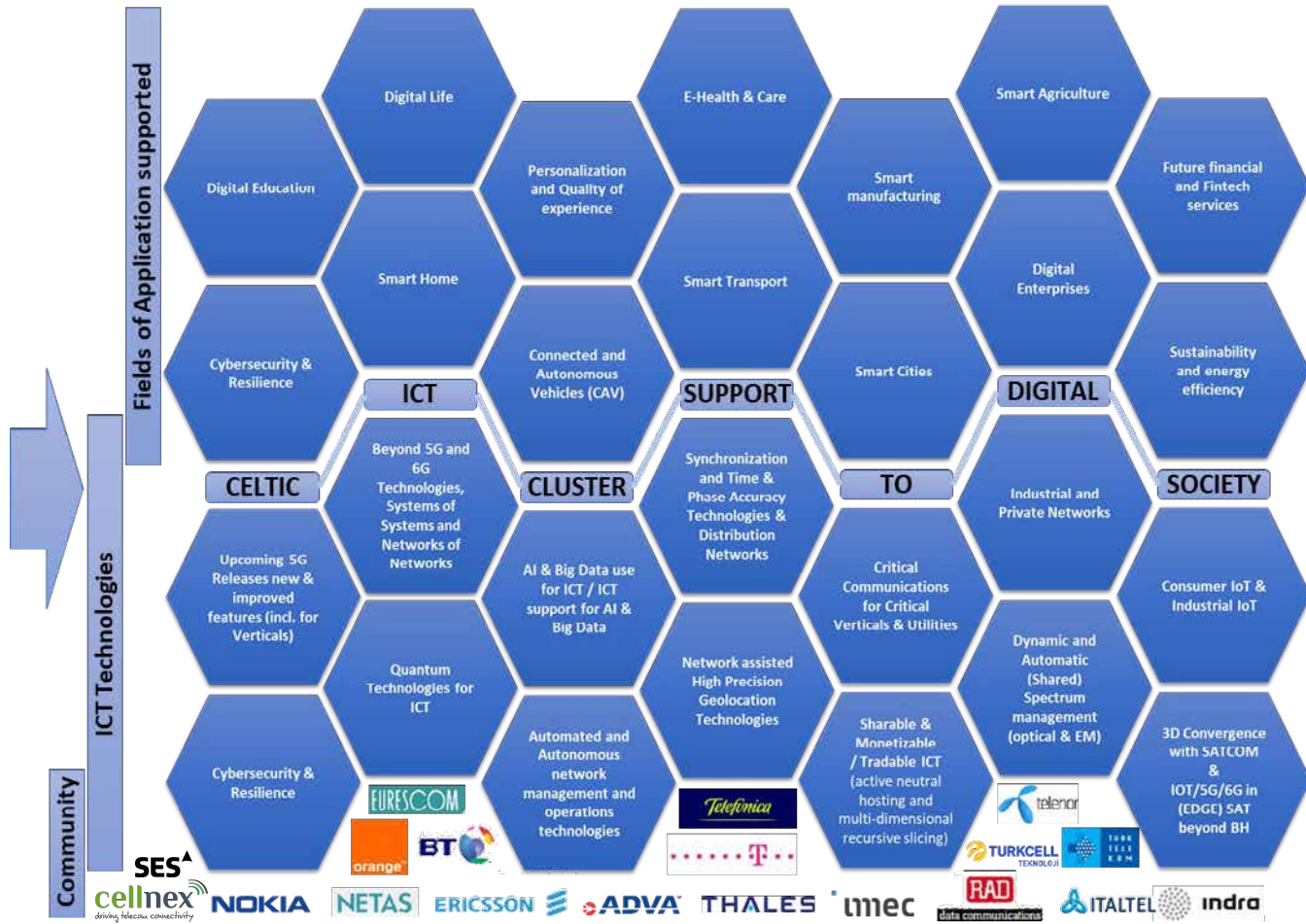
<https://www.celticnext.eu/national-public-contacts-funding-schemes/>

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.

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 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.



**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

- 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



**UK Research
and Innovation**

Thank you
Tom.Kirkham@iuk.ukri.org



Innovate
Twitter: @UKRI_News

**LinkedIn: UK Research and
Innovation**

**YouTube: UK Research and
Innovation**



Any Questions?





Key Dates & Key Messages



KEY DATES

Opening 1-Dec-22

Launch Event 9-Dec-22

Proposers Brokerage Day 17-March-23

Deadline for Proposals 24 May-23

Labels Notifications Jun-23



The image shows the CELTIC-NEXT logo, which consists of a stylized 'C' and 'N' followed by the text 'CELTIC-NEXT'. Below the logo is a banner for the 'Spring Call 2023' which is open until the 24th of May 2023. The banner features a circular graphic with segments for 'eHealth', 'Fintech', 'Personal Services', 'Smart Home', 'Smart Cities', 'Automotive Telecom', 'Public Safety', 'Smart Enterprise & Factory', and 'IoT'. A central circle contains the text 'Beyond 5G & 6G, Connectivity, Networks & Telco Cloud, AI and more...'. To the right of the circular graphic is a dark blue button with the text 'SUBMIT YOUR PROPOSAL' and the website 'www.celticnext.eu'.

CELTIC-NEXT

Spring Call 2023
Open until 24th of May 2023

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

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

SUBMIT YOUR PROPOSAL
www.celticnext.eu

EUREKA – CELTIC-NEXT SPRING CALL 2023


Proposers Brokerage Day

Travel Awards



SPRING CALL 2023

PROPOSERS BROKERAGE DAY

 Friday 17th of March 2023

 Bpifrance Le Hub, Paris



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.



Travel Grants T&Cs

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:
 - register for the event themselves: <https://www.celticnext.eu/celtic-brokerage-event-spring-call-2023/>;
 - book and pay for their travel (in advance of the event) and
 - 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

Posted on: 19/12/2022



Innovate UK KTN Global Alliance Newsletter

<https://ktn-uk.org/news/global-alliance-newsletter-december-2022-edition/>

