UK CELTIC-NEXT

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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.
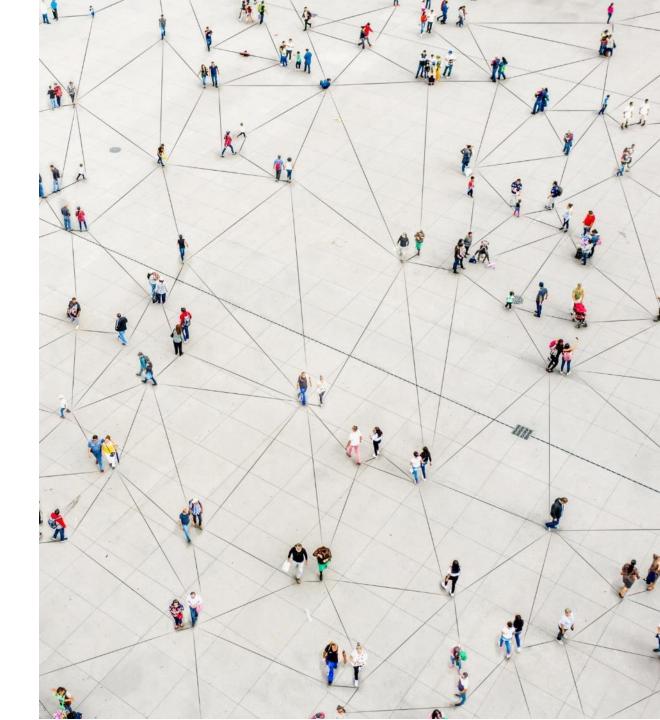
Innovate UK

- 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.
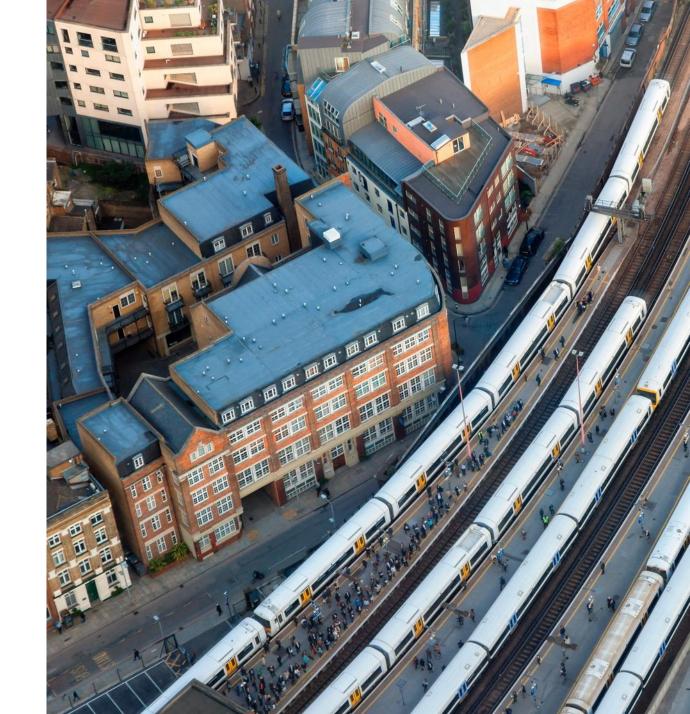
UK UKRI

Innovate UK Innovate UK

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
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Competition Process

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

2. Projects with "Label" from CELTIC-NEXT UK **apply via Innovate UK**
   - Submissions open **April 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 Terrrestrial Communication** and technologies converging with mobile
- **Novel chipsets** and use of compound semiconductors

UK RI Innovate UK

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
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