

[www.scotland5gcentre.org.uk](http://www.scotland5gcentre.org.uk)

# The Scotland 5G Centre



The  
Scotland  
**5G** Centre

Realising Possibilities, Transforming Futures

## The Scotland 5G Centre – Who we are

The Scotland 5G Centre **accelerates the deployment and use of 5G and advanced communications technologies** in Scotland's Industrial and Public Sectors.

Our remit is to **enable the substantial economic and societal benefits** provided by telecommunications advancements.



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## Our History

Established in 2019, we undertook three major projects with our funding partners:

- The **5G Rural Project** (University of Strathclyde) – Demonstrating new rural coverage options.
- The **5G Urban Project** (University of Glasgow) – A 5G research test bed for innovative applications.
- The **Infralink** (Scottish Future's Trust) – Tools to reduce barriers to infrastructure rollout.

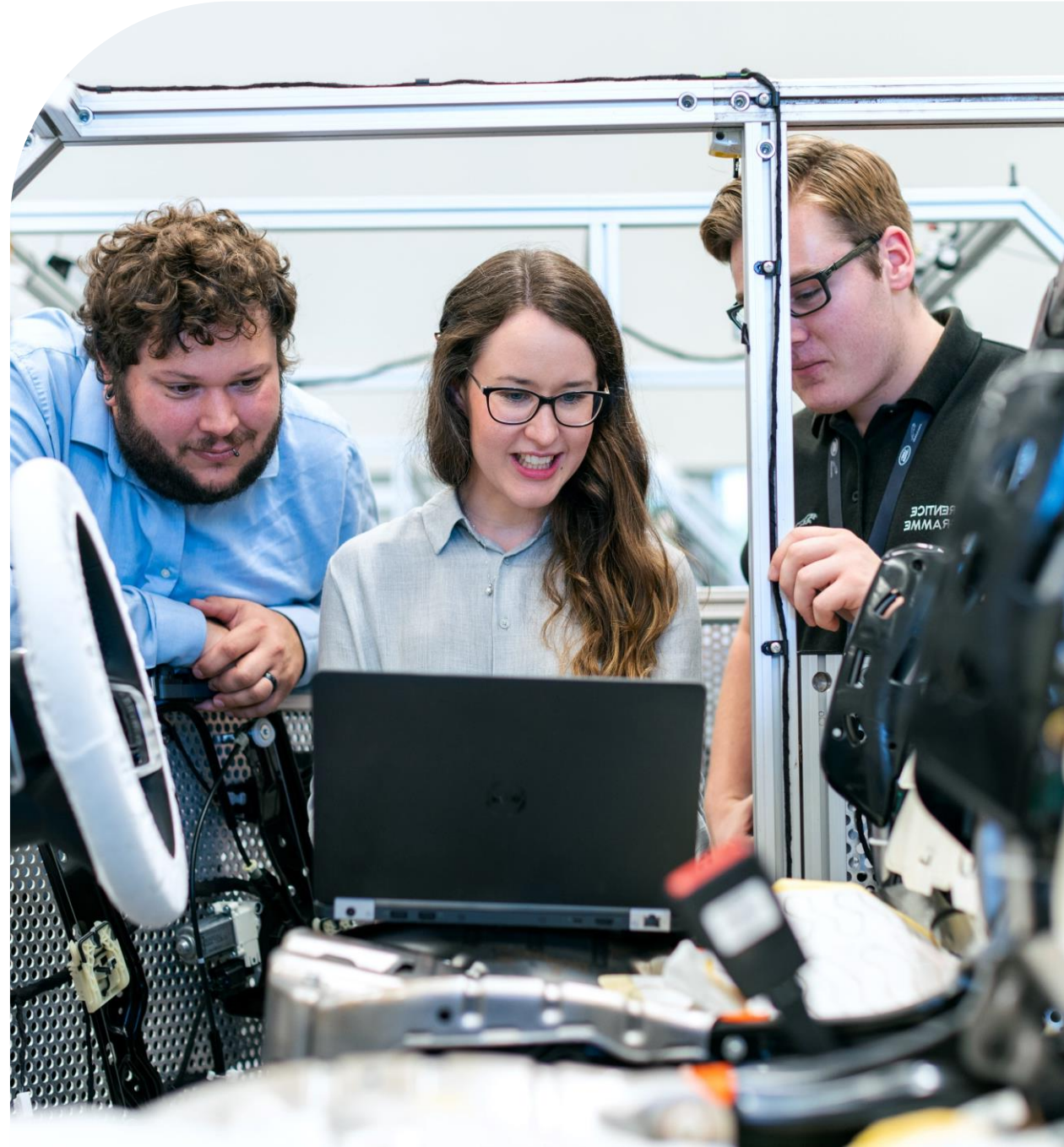


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## What do we do

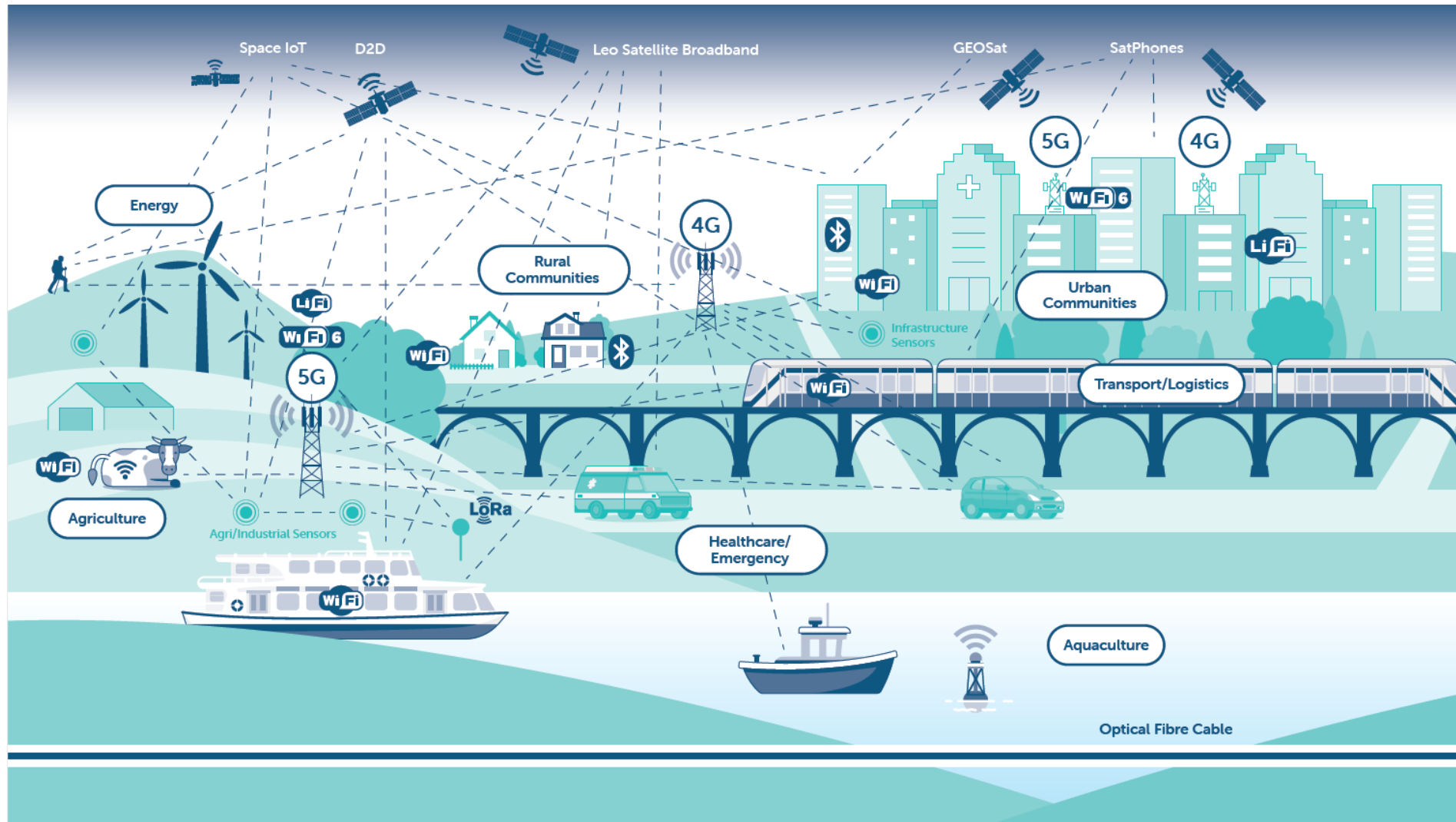
- We manage a National Suite of **fixed and mobile 5G testbeds/innovation hubs**
- We showcase the power of **5G to improve business**
- We **provide access for Scotland's organisations** to test how 5G can improve their business,
- We work with **Scottish academic partners** to support new innovation, impact and funding opportunities
- We are **part of Scotland's world-leading innovation network** of support for industry, the public sector and academia



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# Connectivity is key

Advanced wireless connectivity increases business performance – there is a lot of complimentary technology. Centre supports organisations in understanding and finding the appropriate solution.



# We are at the Epicentre of the Innovation Landscape in Scotland (and UK)

## Public authorities & services



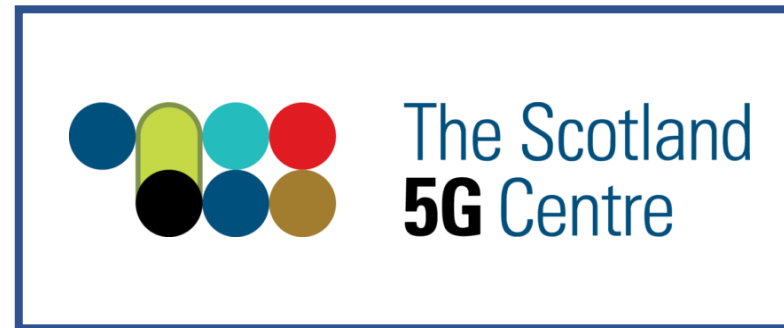
## Academia



## Other entities



## Funders & Support organisations



## Businesses & SMEs



## MNOs & Equipment suppliers



## Regional entities



## Innovation Centres



## Incubators, Accelerators & Tech Scalers



# Where we operate

Our innovation hubs have state-of-the-art private 5G testbeds, providing a secure environment for businesses to meet with our experts and test new systems, operations, services and/or products.

## Our hubs are located throughout Scotland:

- Aberdeen
- Dumfries
- Dundee
- Forth Valley
- Highlands and Islands (mobile hub)
- Kilmarnock
- Renfrewshire

We also have a number of [Pop Up networks](#) that are being deployed in client sites across Scotland





# The Scotland 5G Centre - Services



## Support

Take advantage of our impartial and expert advice - tailored to your business needs

- Access workshops and live demonstrations
- Find out more about how 5G can transform your business



## Innovate

Work with us to develop 5G solutions to grow your business

- Work with our experts to look at solutions that will meet your needs, challenges and opportunities
- Test these solutions using our state-of-the-art private 5G testbed
- Get access to the latest industry applications including sensing technology and robotics



## Collaborate

Work with us to put your ideas into practice

- We can connect your business to our extensive network of industry partners to deploy your 5G solution
- Get advice from us on the range of funding opportunities available
- to support your digital transformation





## What are the challenges industries are facing?

- Energy Costs
- Demand for more Sustainable Technology
- Ageing Technology
- Data Security
- Managing Data Streams/Storage
- Supply Chain Disruptions
- Digital Not Spots on site
- Economically competitive market
- Retaining talent and developing skills in remote and rural areas.



## Why is it important for industries to evolve and embrace 5G?

- **Healthcare:** In 2020/21, 35% of total Scottish budget was spent on healthcare
- **Transport:** Around 127 million passenger journeys were made by bus in Scotland in 20-21
- **Manufacturing:** UK is the 9th largest manufacturing nation in the world
- **Energy:** Around 100,000 people are employed within the energy sector, accounting for 46% of jobs
- **Agriculture:** accounts for 70% of South of Scotland's economy

It's estimated that by enhancing 5G capability, Scotland has the potential to create 160,000 new jobs by 2035





# What can 5G do for business?

5G isn't just the next generation of mobile networks – it's transforming how we work, and connect with each other. So, in order to stay ahead of the curve, it's key that businesses understand the capabilities of 5G and the opportunities it enables.



# Start your 5G Journey Today



## Submit your Expression of Interest

Visit one of our nationwide innovation hubs and receive tailored, impartial advice on how to future-proof your business with 5G. Get in touch with us today. All you need to do is fill in a short expression of Interest form and we will be happy to arrange a visit with you.







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## Events

Look out for S5GC events happening near you by visiting [scotland5gcentre.org/events](https://scotland5gcentre.org/events)

## Contact Us

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## Monthly Newsletter

Get the latest events and developments at the Scotland 5G Centre by signing up to our online newsletter.

## Thank you Follow us



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