Innovation Challenge 1

About

The Scotland 5G Centre has worked with the challenge owners Dumfries and Galloway Health & Social Care Partnership and Scottish Care to prioritise and review current challenges. The challenges presented are formed from the Sustainability and Modernisation (SAM) Programme in Dumfries and Galloway.

SAM is a new, local change programme established to provide a focus on transforming the way in which health and social care is delivered. SAM aims to promote and drive local change to enable care and support to be delivered in a more effective and efficient way that meets people's needs in the **right place, at the right time, every time.**

The collaboration of partners on this innovation challenge are all committed to supporting the winning companies to integrate their solution post the 12-week programme. We aim to work together to tie in the connectivity solution with those who have identified these challenges.

What is Innovation Challenge 1?

The S5GC has worked with partners to establish the framework of Innovation Challenges which have been presented. Innovation Challenge 1 is as follows:

Access to Health and Social Care

This challenge will look at overcoming issues around the limitation of accessing vital services and technology and making health and social care accessible to all. The challenge would encourage individuals to use technology rather than relying on human resources while still remaining mindful of the social isolation implications of technology.

What might a project in this category look like?

Here at the S5GC, we have no preconceived ideas of what innovation looks like. We exist to support the successful development & deployment of your products and/or services. However, we have considered the subject matter and are happy to provide some guidance as to what a project *may* look like. The guidance provided is therefor for illustrative purposes only & should be viewed as non-exhaustive.
A 5G product or service might;

- Support the uptake of digital health tools to the general public by utilising data and communication channels to promote the benefits of digital health tools.
- Support the review how the personal budgets programme could better support the uptake of personal digital technology.
- Provide health and social care professionals in the community with 5G technology, particularly in rural areas with limited health and social care provision, where consumer options for getting online are also limited.
- Provide solutions which allow users to view and interact with data from assistive living devices installed in people's homes.
- Support technology enabled care services and experience of digital transformation to deliver operational improvements, new revenue streams.
- Incorporate smart packaging technology, allowing for increased connectivity.
- Provide practical, affordable digital solutions, which are replacing the analogue telehealth technologies which will be turned off in 2025.
- Providing a secure, fast, reliable connection to a support network or expert advice, which might be miles away e.g. through connected devices or tools.
- Help tackle loneliness and social isolation, through virtual collaborations, virtual social interactions, gaming or integration.
- Provide solutions that enable home care centres to provide immersive interactions between patients and their families when physical interaction is not possible.
- Improvements to the delivery of social care to patients at home improving security, safety and creating new types of jobs and revenue streams.
- Create solutions that improve utilisation of human resources focusing on where they are needed the most while using technology to deliver care.