

Innovation and the Future

What is innovation?

Innovation can sometimes seem like a intimidating and inaccessible term, evoking images of robots, sci-fi and people like Thomas Edison and Steve Jobs. But at it's simplest, innovation means the creation and implementation of new ideas, methods, products and ways of working, and anyone can innovate! To learn more about what we mean by 'innovation', take a look at our introductory [guide](#).

Considering Intellectual Property is an important part of innovation. To make this easier for you, the Hub has created a [guide](#) on the topic. Building on this, Mark Briggs, Assistant Director for Innovation at Cardiff and Vale UHB explains when to stop and think before sharing your knowledge and ideas in "[Don't tell him, Pike!](#)" - [What is Intellectual Property?](#)"

To help you take your innovative ideas forward, the Hub is continuing to develop the Innovation Guides series. Over the past few months, the Hub has published guides on [Performance & Outcome Metrics](#), [Governance](#) and [Values Based Approach](#). Get in touch if there are any topics that you or your team would find helpful for the Hub to focus on.

Smart Technology

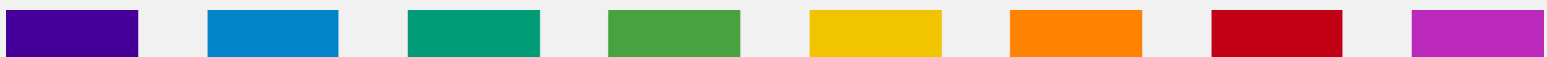
The Smart House

The Hub has worked with Innovate Trust to showcase a pioneering Smart House in the Vale of Glamorgan. The house uses innovative smart technology to help increase independence skills for residents who have complex needs and learning disabilities transitioning from school or college into the community. The Smart House team continually adapts technology for each new resident, addressing individual needs and minimising additional support needed.



[In this film](#), Shyanne shares her story of how the Smart House is helping her achieve her goal of independent living and Innovate Trust share how working in partnership is improving outcomes for people.

Smart technology is highly adaptive and has the potential to improve the lives of other population groups. Get in touch with us if you would like to discuss how you can use smart technology in your service area.



Wearable technology to address obesity in children in Cardiff and Vale UHB

Cardiff and Vale University Health Board's Active Families Active Lives (AFAL) team are working to reduce childhood obesity rates by implementing a virtual ward app alongside a wearable fitness watch as part of the Bevan Commission Planned Care Innovation Programme, funded by Welsh Government. Learn more about the project on [Cardiff and Vale UHB's Shaping Change website](#).

"Already, I'm seeing the empowering effects this project has in terms of supporting connection with young people." - **Sian Moynihan, Consultant Community Paediatrician and Clinical Lead**



Ysgol Ymchwil, Datblygu
ac Arloesi
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Development and
Innovation

Smart Technology in Powys

[Powys RIC Hub](#) have partnered with the University of South Wales to explore robotic innovation and have brought Pepper, a semi-humanoid robot, to life! Over the next year, Powys RIC Hub will continue to explore how Pepper can be utilised to deliver better support to staff and residents in the region.



Powys RIC Hub have also endorsed HoloLens, an augmented reality/mixed reality headset which allows users to view and interact with varying types of content displayed through the headset. The fascinating technology can be used in a multitude of ways, from displaying symptoms of a holographic patient to creating virtual health and care scenarios for training and development purposes.

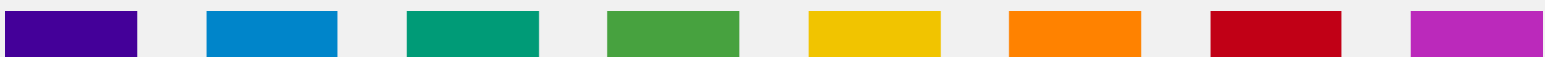
For more information and to explore bringing this technology into the Cardiff and Vale of Glamorgan region, take a look at [Powys RIC Hub's Annual Report](#) or get in touch with the team via bright.ideaspowys@wales.nhs.uk

Spread & Scale Academy

The Dragon's Heart Institute is thrilled to announce the upcoming Spread and Scale Academy, scheduled to take place in Cardiff between the 4th and 6th of October, 2023. The academy aims to support teams with innovative projects that are ready to expand and benefit as many people as possible.

The Spread and Scale Academy is a one-of-a-kind opportunity for change-makers, visionaries, and innovators to refine their ideas, acquire valuable knowledge, and collaborate with like-minded individuals. By providing a platform to learn and network, the academy empowers participants to amplify the impact of their projects and drive positive change in their respective fields.

Visit the Dragon's Heart Institute [website](#) to apply. The deadline for applications is 28th July 2023.



Spread and Scale Success

In 2019, Paul Twose, a consultant therapist at Cardiff and Vale UHB, and his team developed and accelerated the spread of virtual reality training for tracheostomy education through the Spread and Scale Academy. The aim was to improve skills and confidence in staff thereby improving patient outcomes, but also to reduce variation in the health and care system. This led to the launch of a Challenge Fund worth £400,000 with the Cardiff Capital Region deal and SBRI Centre for Excellence for a new tracheostomy training programme for staff.



“I’m convinced that if we hadn’t attended that 2019 Spread and Scale Academy, it would have taken me my whole career to get where I am now, both in the way I approach challenges and the projects I’m working on. Instead, it has taken only a couple of years.” - Paul Twose, Consultant Therapist

Bevan Commission

Let's Not Waste

Comisiwn Bevan Commission

The Bevan Commission has established the Let’s Not Waste network to provide focus and concerted effort to achieving demonstrable reduction in waste in health and care. The network is a platform to share ideas, good practice and collaborate on developing waste reduction solutions. Visit the [Let’s Not Waste webpage](#) to find out more and join the network.

Tipping Point: Where next for health and care?

Join us at the Bevan Commission’s [Tipping Point: Where next for health and care?](#) event on July 5th-6th for an open and honest conversation about the future of our health and social care system.

The event will cover 4 important themes:

- Developing Resilient and Resourceful People and Communities
- Integrating Quality Health and Social Care fit for People
- Creating Sustainable and Equally Well Approaches
- Transformation to be Fit and Flexible for the Future

Speakers include:

- First Minister Rt Hon Mark Drakeford MS
- Professor Sir Chris Ham
- Lord Nigel Crisp KCB
- Sir Frank Atherton, CMO
- Professor Sir Don Berwick
- Dame Sue Bailey
- Professor Sir Michael Marmott
- Professor Sir Andy Haines
- Derek Walker, Future Generations Commissioner
- Minister for Health and Social Services, Eluned Morgan, MS
- Judith Paget, CBE
- Sir David Haslam, CBE
- Professor Donna Hall, CBE

Take a look at our [website](#) for more of our work or get in touch via Dylan.John4@wales.nhs.uk

