

SBRI Challenge-led Innovation

CANOLFAN
RAGORIAETH SBRI
SBRI CENTRE OF
EXCELLENCE



SBRI Centre of Excellence

- Funded by Welsh Government.
- Hosted by Betsi Cadwaladr University Health Board.
- Bringing together public sector bodies and industry/academia.
- Collaborating to develop innovative solutions not available on the market.



Our services

- Talk to us about the challenges you face within health, individually or in a group.
- Supporting Challenge owners to complete an expression of interest.
- Work with funding providers to secure funds to fund your challenge.

- If successful we offer full project management, including engaging with stakeholders, management of all documents and governance.
- Provide mentoring if you wish to take the role of project management.

- Provide recognised training at a reduced cost i.e. PRINCE 2.

Rapid Sanitisation of Ambulances



- 1st rapid SBRI project of its kind, completing in 6 weeks.
- Collaboration between WAST, SBRI Centre, Welsh Government and the Ministry of Defence.
- Successful solution procured:
 - Reduced cleaning time by 86%.
 - Reduced cost by 82%.
- Winning a St David's Award for Science and Innovation 2021.

Face Mask Challenge



- Aiming to find appropriate FFP3 approved face masks to fit all shapes and sized faces. With transparency to improve patient and staff experience.
- Collaboration between SBRI Centre, Welsh Government, NHS Wales, Surgical Materials Testing Laboratory and NHS Wales Shared Services Partnership.
- Exciting products have been developed and are currently awaiting approvals from notified bodies.

Outpatients Transformation



- This challenge invited applicants to present their innovations that could help to assist staff and patients in the Outpatients process.
- Two successful applicants have now gone into Phase 2
 - Artificial Intelligence to triage prostate cases
 - A disease surveillance pathway and electronic see on symptoms app.
- This is a collaboration between the SBRI Centre of Excellence, Welsh Government and Clinical Teams from across NHS Wales

Simulation Training in Healthcare



- A SBRI collaboration with Cardiff and Vale University Health Board.
- Changing the way clinical training is delivered making it “more real to life” through VR and Simulation Technology.
- Currently being tested in real life environment across Health Boards in Wales.

Emotional Health and Wellbeing Resilience Challenge



- To determine the most effective digital support mechanism for a framework designed to build resilience in the emotional health and wellbeing of 8-11 year olds
- Two companies were awarded contracts for Phase 1 in this challenge, one of which has since gone on to Phase 2 for further development and testing with end users.

Better Lives Closer to Home



- Businesses and Academia were asked for their ideas to help communities, businesses and public sector manage the impact of COVID-19.
- This Project is now in Phase 2 with three businesses working on very different solutions:
 - Developing a platform for communities to evidence the carbon savings they make through every day activities and monetise them;
 - An online based person-centred planning and outcomes recording tool for those within the broad education, health and social care sectors. This includes disability and mental health, employability programmes, family support, early years, education and criminal justice. The approach and product can also be used in any industry or sector that is focussed on developing people.
 - A unique town ecosystem platform providing dynamic interaction within the towns, local authorities and consumers.

If you would like to have a chat please

contact us on

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For more info, please visit our website:

www.sbriwales.co.uk

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