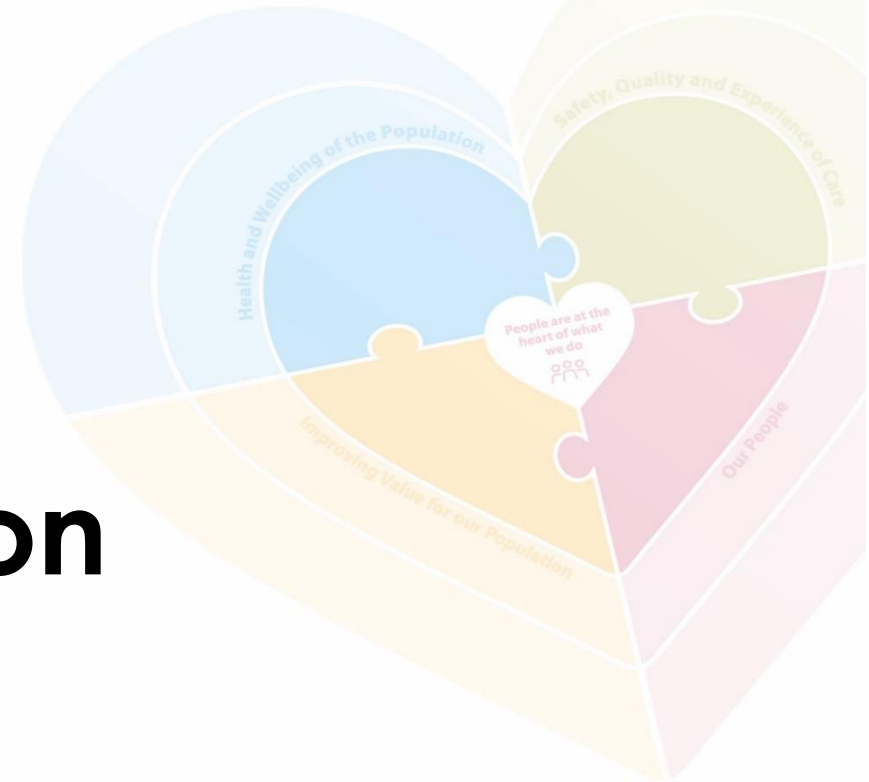




SEHSCT Innovation

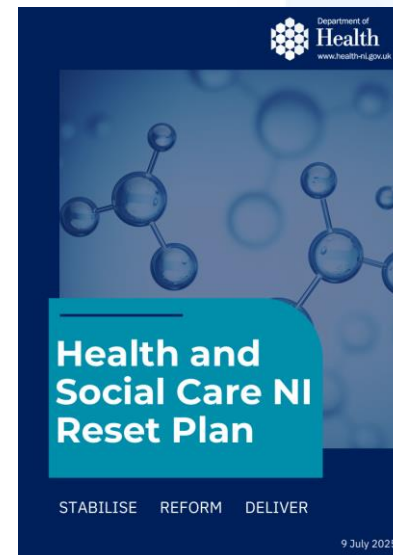
Dr Ruth Gray

Assistant Director for Quality Improvement and Innovation

Innovation Imperative

Ambition is:

- Analogue to Digital
- Hospital to Community
- Focus on Prevention



Horizon Scanning – Best Practice



- Accelerated National Innovation Adoption (ANIA) Pathway- Scotland
 - Programme focused on using technology to fast-track proven innovations into healthcare frontline:



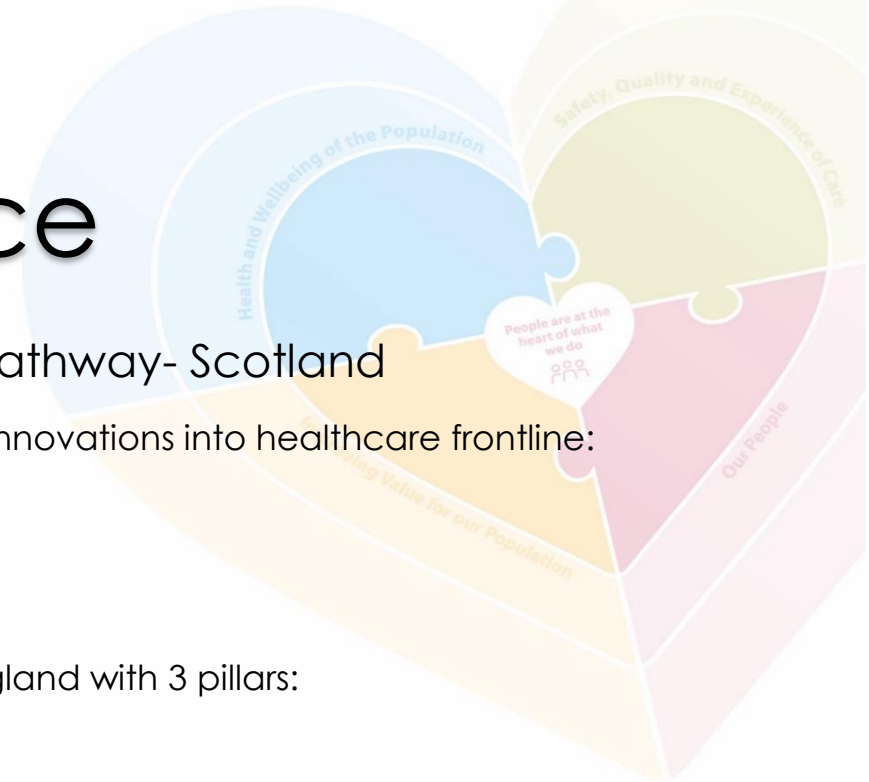
- HNS Innovator Accelerator (NIA)
 - Supporting innovators to scale over 140 interventions across England with 3 pillars:



- Imperial College Health Partners
 - Mission Led approach – focus on a smaller number of strategic projects with multi-sector approach



- HSE Sparks
 - Building Capacity and Funding sources across HSE



Innovation Scoping Exercise

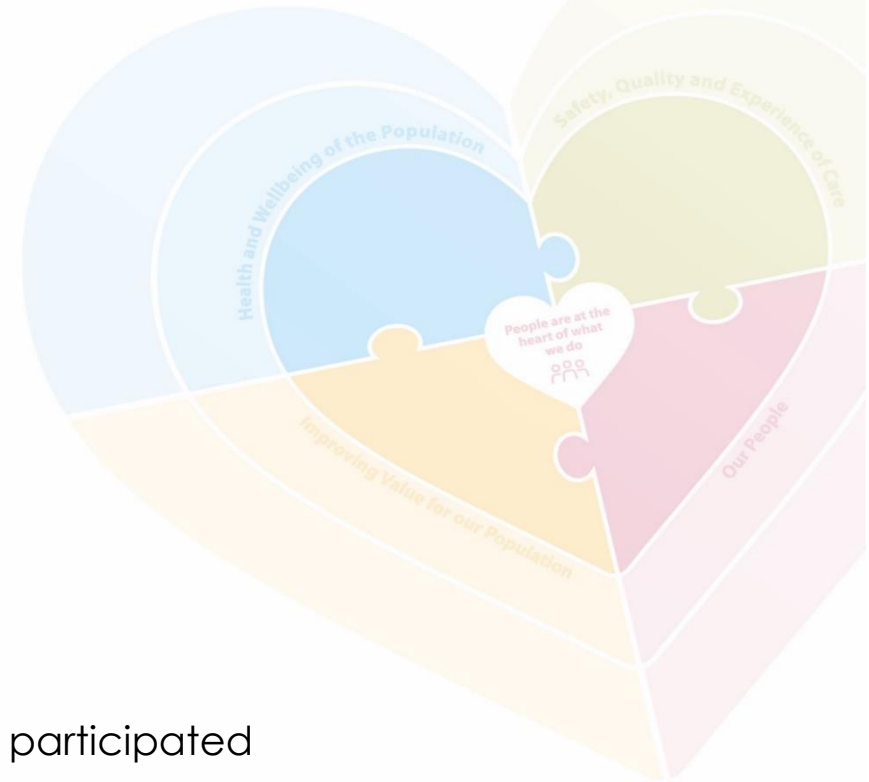
- Reveals lots of positive work
- Very little understanding of the term Innovation

Delphi Study

Study used to support consensus and agree clear definitions – Over 100 people participated
Over 3 rounds – initial input revealed the wide and varied understanding of the term innovation

The process refined the focus:

- Energy should be strategic and intentional with a deliberate approach to prioritisation and alignment with Trust Goals.
- Strong emphasis on a small number of priority areas where SET can become a centre of excellence
- Clear emphasis on measurable value for patients as a central requirement



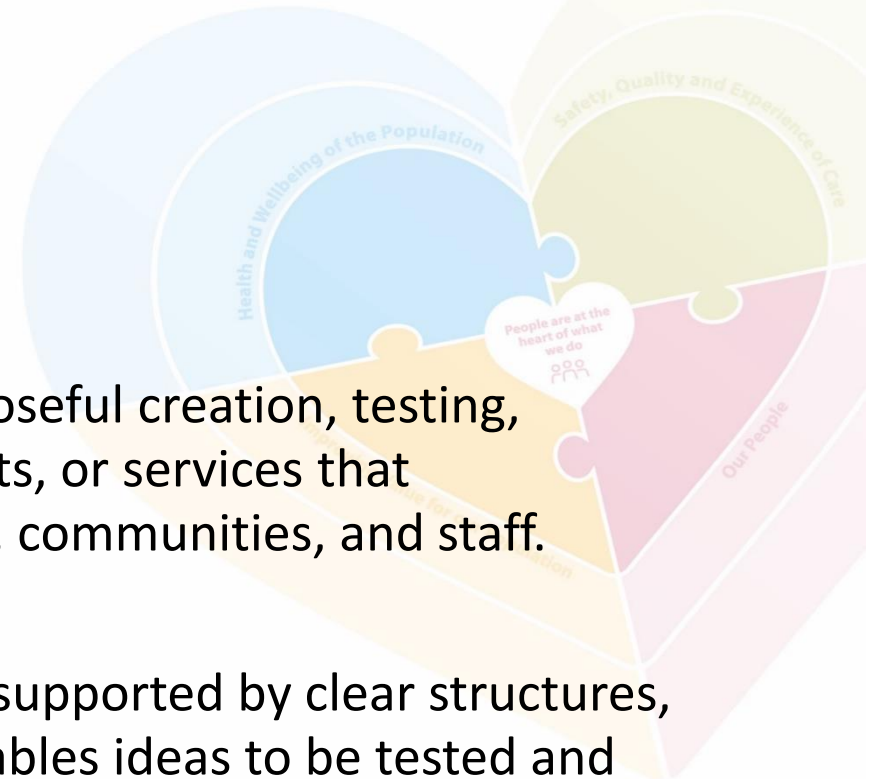
SET Innovation Definition

Innovation in the South Eastern Health & Social Care Trust is the purposeful creation, testing, adoption, and implementation of new or improved processes, products, or services that demonstrably enhance quality and deliver outcomes for service users, communities, and staff.

Innovation is grounded in evidence, co-design, and evaluation, and is supported by clear structures, proportionate governance, strong partnerships, and a culture that enables ideas to be tested and implemented effectively.

Focus will three fold:

- Healthcare Systems and Process Innovation
- Participatory Design
- Healthcare Product Innovation



Create the Conditions for SET Innovation



Focus on:

- Culture
- Partnerships
- Structure

Tasks of the Quality Innovation

- Project Design
- Evidence and Data
- Project Governance
- Value case
- Adoption Design
- Delivery
- Robust Evaluation
- Implementation

REGIONAL PARTNERS

- DoH
- SPPG
- PHA
- DHCNI
- PHA R&D
- HSE Industry Engagement
- HIRANI
- HSCQI
- NISRA
- Data Institute

ACADEMIC PARTNERS

- University of Ulster –
 - Health Frontiers
 - Centre for Digital Health
 - Place Based Innovation Accelerator Award
- School of Art and Design
- Queen's University Centre for Implementation
- Queen's Centre for Public Health
- All Ireland Implementation Hub
- THIS Institute

INTERNAL PARTNERS

- Implementation
- R&D
- Digital
- encompass Digital Leads
- Business Intelligence
- Information Governance
- Finance
- Quality Improvement
- Procurement

INDUSTRY

- SMEs
- Partner Collaboratives

NATIONAL PARTNERS

- Clinical Entrepreneurs Programme
- NHS Accelerator Programme
- ANIA
- HSE Sparks
- Q Community
- IHI
- EQUIPS

SET Innovation

Place Base Innovation Accelerator Award Falls Prevention

Lead: Sarah Moran **Support:** R&D Quality Team

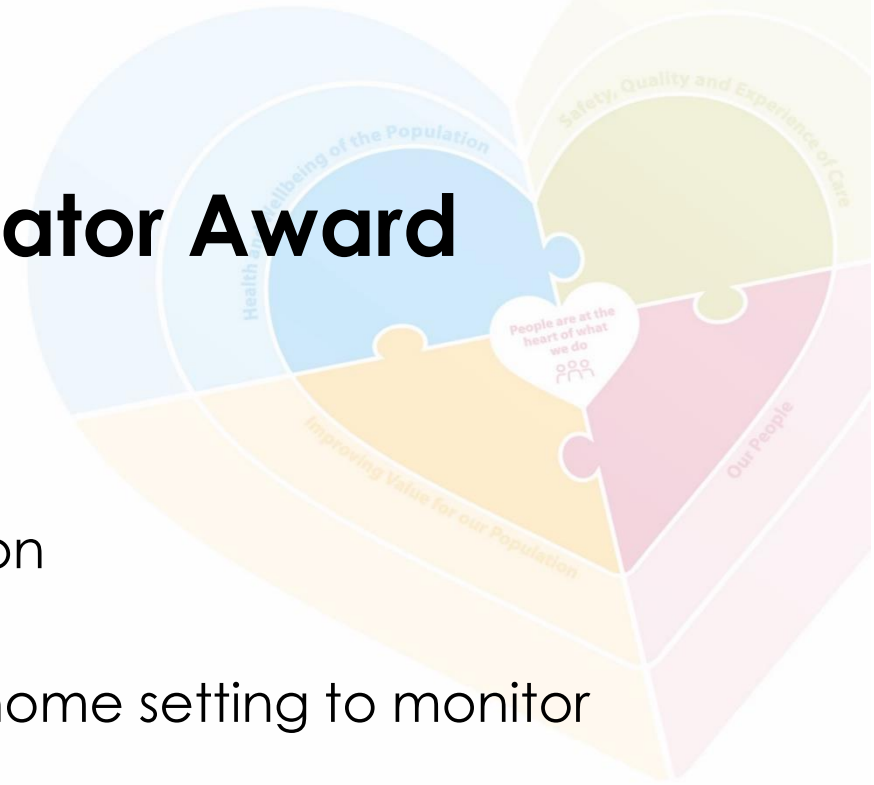
Partnership: UU Centre for Digital Health/BT Health Innovation

A ambient support monitoring system in a residential care home setting to monitor frail residents.

To Test novel sensing technologies with physio pts during a fall prevention physio programme and post programme monitoring in the home.

Aims:

- Support Strength and Balance Rehab
- Predict Falls and Deterioration



Heart Failure at Home

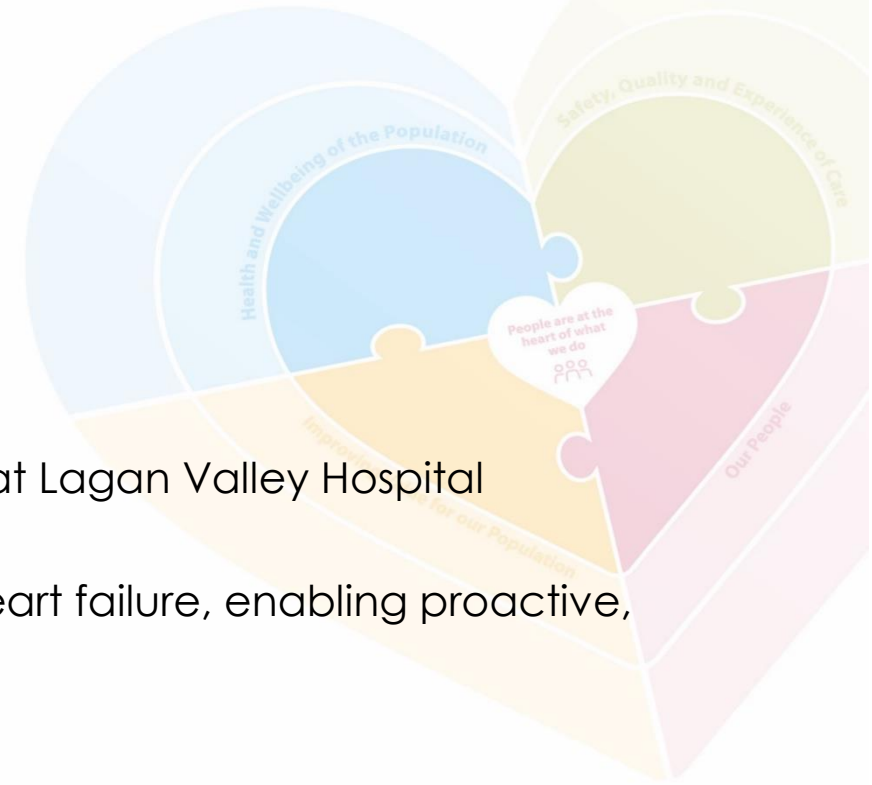
Lead: Dr Andrew Kerr/ Dr Rachel Campbell **Support:** Quality Team

Developed collaboratively between Cardiology and Palliative Care teams at Lagan Valley Hospital

Redesign focuses on the remote monitoring of patients living with chronic heart failure, enabling proactive, community-based care.

The focus is 3 fold

- **Collaboration**- cardiology/ palliative/ quality to redesign service and connect with BT & Feebris
Learning- application of system thinking and innovation collaboration.
- **Evaluation** – health economics/ patient & staff experience/ Cohort outcome study
Learning- Identifying the right cohort data must be embedded into studies.
- **Methodology**- This has created a new data pipeline to cross triangulate data- a model for future studies
Learning- Identifying barriers to accessing and sharing data and a framework for future work.

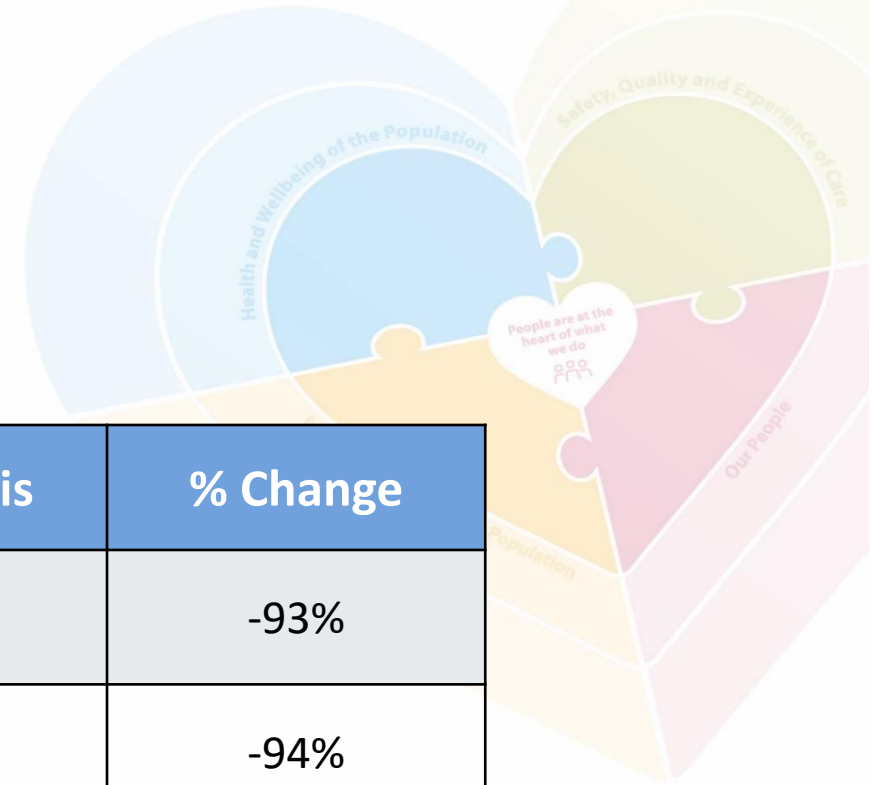


Heart Failure at Home

Preliminary Results

Metric	Pre-Feebris	Post-Feebris	% Change
ED Rate (visits/pt-month)	0.61	0.05	-93%
Admission Rate (admissions/pt-month)	1.09	0.06	-94%
LOS Rate (bed-days/pt-month)	5.41	0.33	-94%

Transferable Learning for Tech Enabled Care and Virtual Ward



Next Steps

Foundations for SET Innovation

- Agility
- Expertise
- Capacity
- Proportionate Governance
- Statistical Capability
- Partnership
- Value Proposition
- Implementation
- Evidence Based Commissioning

Critical Questions for Trust Board Direction

- What is Trust Board's Ambition for Innovation?
- What Resource should be Applied to Realise Ambition?
- How can we Partner to Increase Expertise and Capacity?

