# Who we are

- Formerly known as the Digital Health & Care Institute (DHI)

- A national resource

- Funded by the Scottish Government & the Scottish Funding Council

- One of Scotland's seven innovation centres

- We work with Public organisations (Health and Care), Industry, Academic institutions and Citizens

- Our focus is to improve the readiness levels in health and care and increase the delivery of digital solutions at scale

Building a strong Innovation cluster and ecosystem is paramount

Our Global vision is that: "innovation in digital health and care will help people to live longer, healthier lives and help economies grow".

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Key priorities aligned to demand

- Key conditions – Cancer, Cardiovascular, COPD, Diabetes and Mental Health
- Covid-19 - Response and Service re-mobilisation and recovery
- Healthy ageing
- Citizen empowerment
- Demand & capacity management
- Digital skills & workforce development
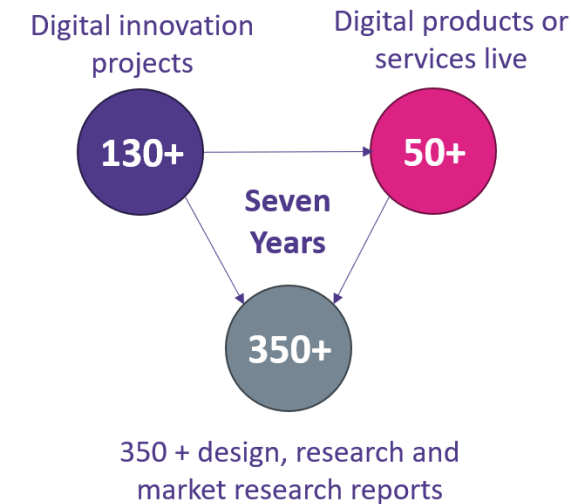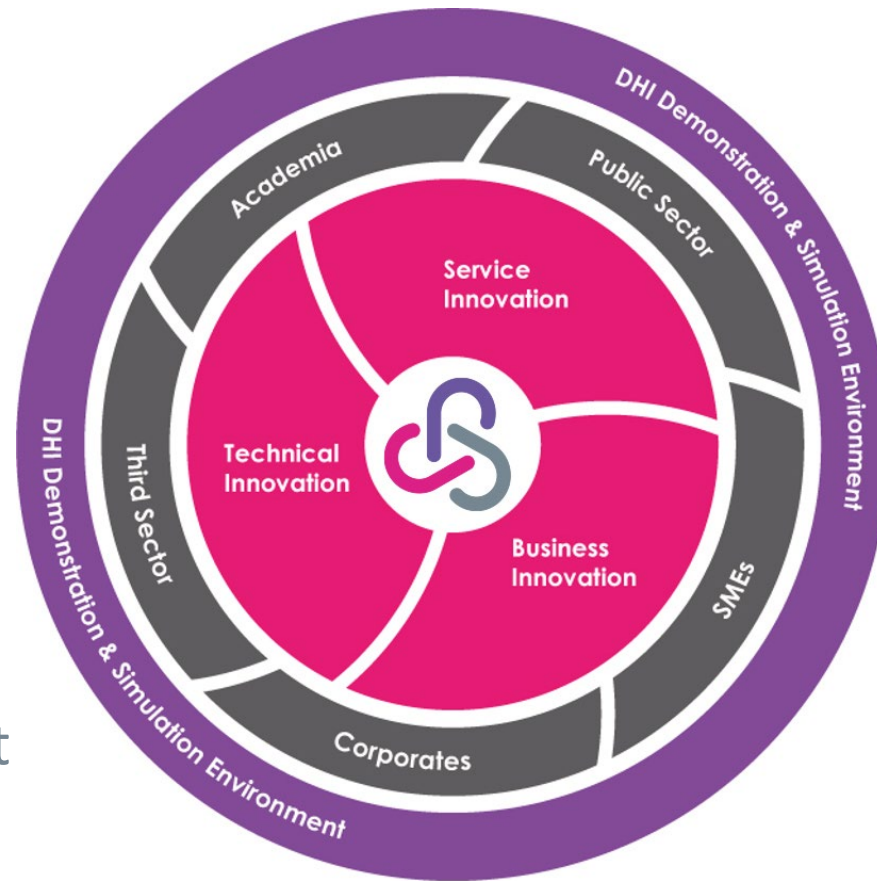
Readiness levels for Digital Health Innovation

Technical readiness levels		Service readiness levels		Business readiness levels
TR9 – Live implementation proven	**LIVING LABS**	SR9 – Service change implemented		BR9 – Commercial sale
TR8 – system complete/qualified		SR8 – Develop Case for scale		BR8 – Reference site, real world test
TR7 - working model demonstrated		SR7 – Evaluation and Evidence concluded		BR7 – procurement route/framework – clarified
TR6 - fully functional prototype		SR6 – Change pilot test - RWE/LL		BR6 – Regulation and Standard check (CE/FDA/MDR/IG/SSP)- interoperable
TR5 - rigorous testing undertaken	**SIMULATIONS**	SR5 – Future state accepted in principle - Simulated to de-risk		BR5 – Acceptable business model
TR4 – technical validation		SR4 - Future state options co-designed		BR4 – Product fit, tested and adapted and made interoperable etc….
TR3 - proof-of-concept constructed		SR3 – Current state understood/accepted		BR3 – Business plan for industry - developed
TR2 - basic principles studied		SR2 – Market/Gap analysis; best practice (hypothesis dev)		BR2 – Market size and strategy reviewed
TR1 - scientific research (defined)		SR1 – Demand – needs analysis		BR1 –Business idea (defined)

©Hughes 2019 – related publication - https://www.mdpi.com/1660-4601/18/23/12575/review_report

All priorities are demand led and agile to flex with any new pressures and opportunities

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Our innovation process model helps with the complexity

Our unique innovation process model focuses on five key stages and enables us to provide a range of specialist services. Our partners can pick and choose the services that will add the most value and have the greatest impact on their projects.

Explore & Engage
- Cutting-edge market research
- Global trends analysis
- Current and future state mapping

Initiate & Develop
- Co-design research activity
- Academic grant awards
- Specialist project management

Iterate & Scale
- Interactive prototyping
- Technical development and testing
- Simulation environment (DSE)

Embed & Adopt
- Digital products & service innovation
- Digital skills and workforce development
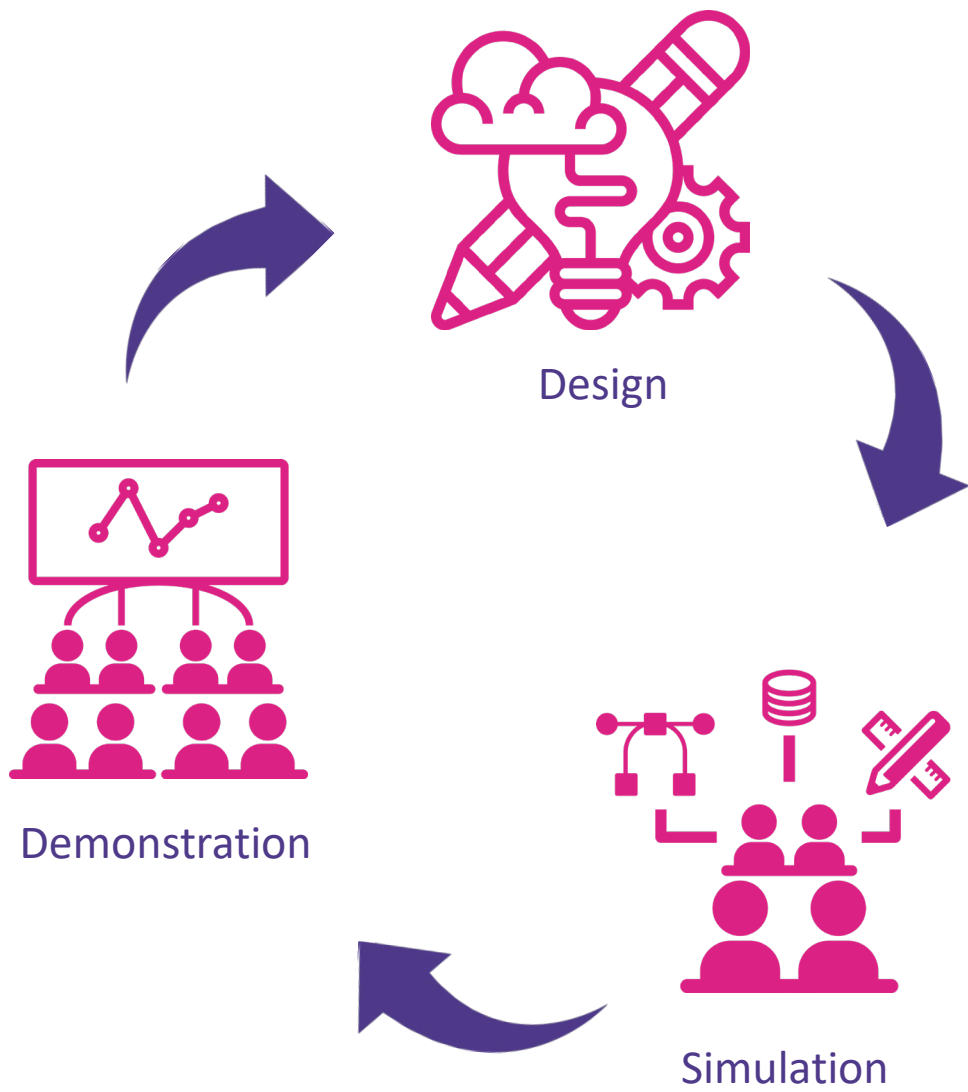- Industry collaboration opportunities

Learn & Share
- Targeted knowledge exchange
- Hosted study visits
- Specialised event management

Looking to collaborate with us?

Join our network

We have some three key tools to accelerate innovation:

Simulation – working with SMEs in sandboxes with dummy data to **integrate** digital products with person-centred infrastructure and then **demonstrates** this to **de-risk** new methods

Living Labs – to progress service innovation and redesign and live deployment / evaluation – providing decision makers with real world evidence to assist in building the case for scale

This can then **stimulate commissioners** to ask for **transformation and accelerate growth**:

Developmental Procurement – to progress how R&D can fast track into business as usual procurement that allows fast commercialisation

Thank You...

Any questions...

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