Technology as an enabler for health sustainability

Transforming great ideas into real solutions

Prof George Crooks OBE
Scotland’s national innovation centre for digital health and care

Based in the Inovo Building, with a Demonstration & Simulation facility in the TIC building, University of Strathclyde
Our vision is that innovation in digital health and care will help Scotland’s people to live longer, healthier lives, create sustainable services and help Scotland’s economy grow.
GET THE FACTS
Projected prevalence of Chronic Disease

Predicted Increase in LTC Patients to 2029

- Hyper Tension
- Diabetes
- Heart Failure
- COPD
SHIFTING THE BALANCE OF CARE
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Communities & technologies are getting smarter

- LORANET
- OPEN DATA
- SMART METERS
- CLOSED DATA
- CONSUMER DATA
- 5G/6G
- DATA SCIENCE
- SMART INFRASTRUCTURE
- WEARABLES
- IOT
- AI
- SMART SENSORS
SCOTLAND DATA 2020 V 2019

• CIRCA 600,000 LESS HEALTHCARE CONTACTS

• CIRCA 155,000 LESS HOSPITAL ADMISSIONS
SO WHAT IS OUR FUTURE?
Don’t fix a broken past.

Build a positive future.
Next Generation Services
Personal Data by Determinants of Health

- Clinical care: 44.9%
- General: 15.6%
- Individual behaviour: 30%
- Physical environment: 17.3%
- Social and economic environment: 14.2%

Personal Data: 8%
BLEND CITIZEN GENERATED DATA WITH FORMAL HEALTH AND CARE DATA

DELIVERS THE TRUE LIVED EXPERIENCE OF A CITIZEN
CONTROL CAN BE OK!
LET INNOVATION FLOURISH
Developing Best Practice

DHI’s approach:
The DHI Exchange
Integrating Innovation

Service model innovation

Technical/Digital innovation

Business model innovation
Contact us

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