

Life Science Scotland

Industry Leadership Group

Update on NHS and Social Care Innovation

Summary

NHS and Social Care collaboration with industry on innovation and commercialisation continues to grow. Activity is focused on supply chains, open innovation and company growth in Scotland. The Scottish Government set out an ambitious set of programmes in September to increase support in Life Sciences and to support the NHS and Social Care innovations during the Covid 19 pandemic.

Scottish Health Industry Partnership

The Scottish Health and Industry Partnership (SHIP) is a government initiative hosted by the Chief Scientist Office of the Health and Social Care Directorates and the Enterprise and Innovation Division of the Economy Directorates, to strengthen Scotland's innovation activities in health and social care. It was announced in Programme for Government 2020/21.

The focus of SHIP is on early stage innovation, (which includes first wave adoption). This involves the translation of academic and industrial research into clinical/commercial use. Innovation projects focus on areas where there is a clear need identified by NHS Scotland to improve the efficiency and effectiveness of service provision. Innovation work forms part of supply chain development and building industrial capacity in Scotland to support health and social care delivery.

SHIP will work in partnership with NHS Boards, Integrated Joint Boards, universities, research organisations, businesses, charities, and Scottish/UK Government Departments to create the best possible environment for research, development and innovation. SHIP will also bring greater coordination to innovation activity across city/regional deals, enterprise agencies, UK Government and industrial funders.

Implementation and scale-up of innovative new products and services are critical elements of innovation, and SHIP will work closely with those agencies which are best placed to take the lead on these stages and on the change management required to deliver and sustain transformation.

Innovation and Commercialisation

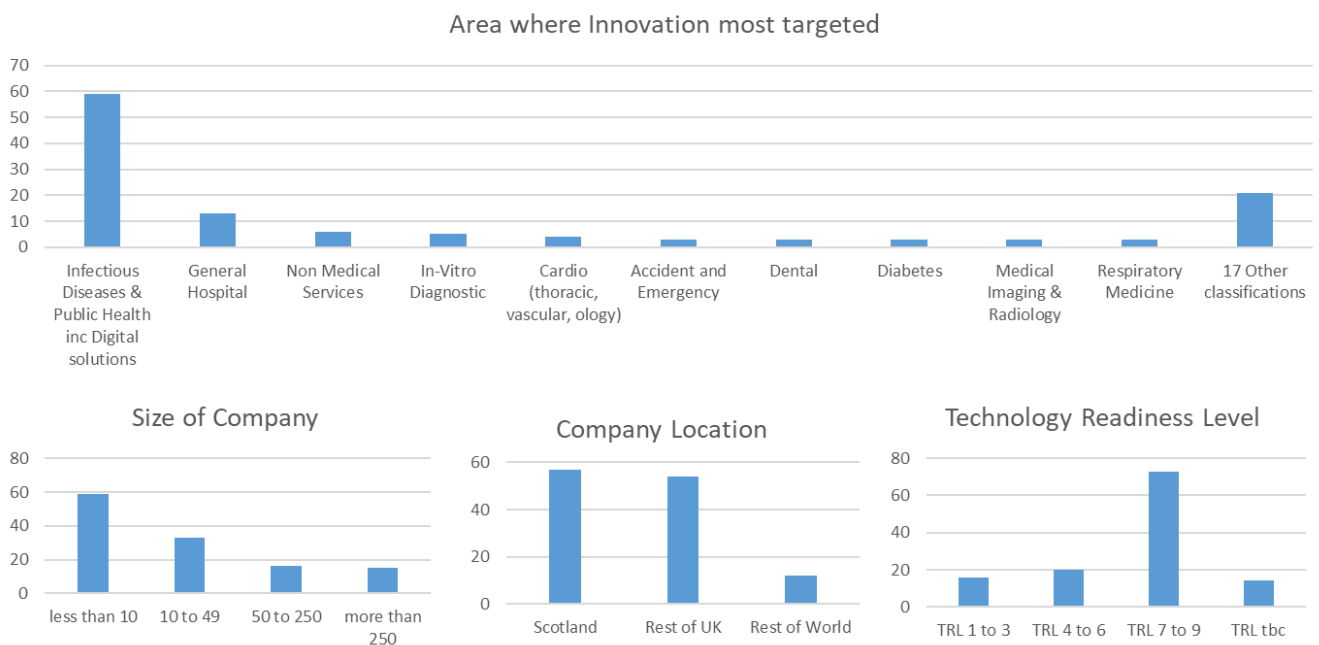
1. Innovation Network: An overview of industrial, government and health activity will be given at the open meeting of the Innovation Network on 26th November 10 a.m. to 1 pm via MS Teams. All ILG members are welcome to attend-link here to register – <https://www.eventbrite.co.uk/e/99514153512> and Agenda attached.

The CEO of NHS Scotland will update the network on progress with NHS and Social Care changes to support innovation and commercialisation. UK Leaders and Industry leaders will share intelligence on market trends and health and social care needs. Dave Tudor ILG Co-chair will address the Network with an update from ILG and industry in Scotland.

2. Supply: Innovative companies and supply chains continue to meet NHS and social care need for med tech, medicines, logistics and support services such as PPE. More than £100m extra has been invested in domestic market companies via NHS contracts.

The front door for companies is the Health Innovation Advisory Portal (www.hiap-scotland.org) where companies will receive feedback and signposting around sales and product development. A successful meet the customer event was held on under the banner of P4h Scotland in September <https://www.p4hscotland.co.uk/>

The range of companies bringing forward new products, services and ideas are summarised here based on entries to HIAP 2020 ytd.



3. Open Innovation: NHS Scotland and partners have made available 24 Open Innovation competitions with over 100 funded contracts for companies to innovate with NHS and Social Care staff in Scotland. This is done via NHS and Social Care Test Beds. Please see link to a short video from Industry Leaders discussing their experience of working in Test Beds- [here](#).

There are now 17 Industry/NHS/Social Care/Academic groupings or consortiums where multiple opportunities to innovate are created within supply chains and Test Beds. The consortium groupings are presently formed around the following areas; Cardiology, Dermatology, Social Care, Healthy Aging and consumer health, Cancer, Eye Health, Diabetes & Endocrine, Emergency and Trauma Care, Early Diagnostics and AI-iCaird, Respiratory Care,

Medicines, Stroke, NHS Labs and NHS and Covid 19 Tests- Assays and related innovations, Work Flow- prediction AI, Logistics- including Drones-the Future of Flight and Covid 19- PPE. The SHIP will coordinate these groupings as well as bringing together an overarching AI practitioners and commercialisation group.

4. Research: A summary of Covid 19 focused research in the NHS-the International Severe Acute Respiratory Infection Consortium to understand the effects of infection, what happens to people who are ill, and what puts people at higher risk of severe illness, a number of trials of possible treatments including the RECOVERY platform that is evaluating a range of potential therapies, the GenOMICC study that is looking at the role genes play in susceptibility to COVID-19 and how understanding these interactions could inform treatment, the Post-Hospitalisation COVID-19 study to understand and improve long-term health outcomes for patients who have been in hospital with COVID-19, COVID-19 vaccine candidates and related trials. Details here- <https://www.nhsresearchscotland.org>.

Restart of routine research continues to be a challenge with the latest guidance published here- <https://www.cso.scot.nhs.uk/cso-statement-on-the-restart-framework/>

5. Funding and Investment: A range of new funding and investment for Life Science companies will be discussed on 26th November. Funding is grouped around prevention, early detection of disease, early diagnostics and AI, Covid 19, Restart and Remobilisation of health and social care and precision health and social care. This sits alongside the recently announced Shaping Scotland's economy: inward investment plan and existing plans to grow the Scottish economy. Test Beds and companies will be considering how best to collaborate in these areas to accelerate the pace of RDI activity and commercialisation in Scotland and export markets.

6. Innovation Steering Group: The Innovation Steering Group continues to meet. It has reviewed the innovation ecosystem and is now preparing a statement of intent around supporting future expansion and coordination of innovation work in Scotland. ILG are full participants in the group.

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10TH November 2020