

Funding landscape

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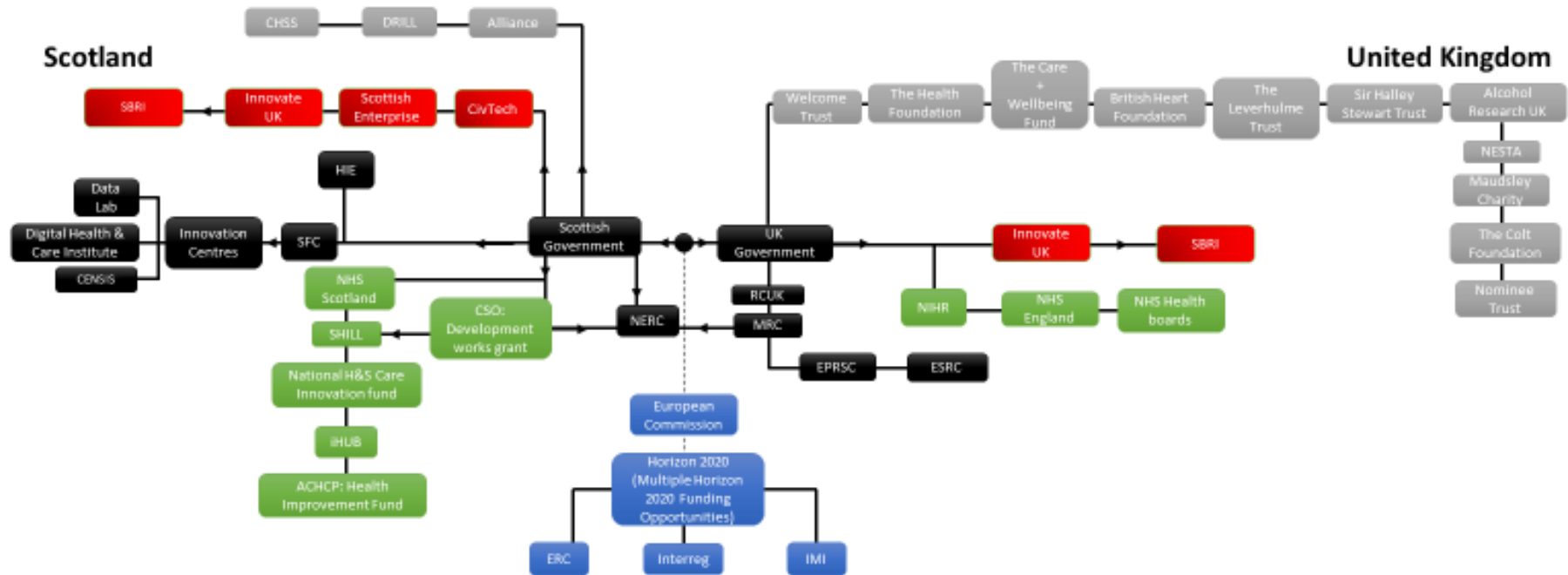
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Purpose of document	Presentation of landscape
Project detail (delete row if appropriate)	Landscape of funding organisations in Scotland and the UK
Other detail (delete row if appropriate)	Original PowerPoint presentation: SharePoint

Related projects	Innovation Landscapes (DHI141216O0001)
Keywords	Innovation centres; funding; resources; Innovation in health



Funding landscape



Innovation Centres

- The SFC has committed £120 million for the Innovation Centre programme over five years (2013-18) to support the university infrastructure. Each Innovation Centre is expected to lever further investment from industry and other sources of public funding.



Scottish Health Innovations Ltd (SHIL)

- SHIL works in partnership with NHS Scotland to identify, protect, develop and commercialise new innovations from healthcare professionals.
- Over 1500 ideas have been submitted by healthcare professionals.
- It is a source of funding for submitted projects



European Commission

- The EU provides funding for a broad range of projects and programmes covering areas such as:
 - regional & urban development
 - employment & social inclusion
 - agriculture & rural development
 - maritime & fisheries policies
 - research & innovation
 - humanitarian aid.
- Between 2014 and 2020, the EU will provide almost **€80bn** in funding for research, mainly through its flagship research programme [Horizon 2020](#). This funding usually takes the form of grants, to part-finance a [broad range of research projects](#).



Interreg Europe

- Interreg Europe helps regional and local governments across Europe to develop and deliver better policy. By creating an environment and opportunities for sharing solutions, we aim to ensure that government investment, innovation and implementation efforts all lead to integrated and sustainable impact for people and place.
- Funding for Interreg Europe projects is allocated through calls for project proposals – periods of time during the year when applications can be submitted.



European Research Council

- The ERC represents **17% of the overall Horizon 2020 budget** (€ 13.1 billion of € 77 billion)
- The total annual budget for 2016 is almost € 1.7 billion, and as from 2016 the call budgets are gradually increased each year



Innovative Medicines Initiative (IMI)

- The Innovative Medicines Initiative (IMI) is working to **improve health by speeding up the development** of, and **patient access to, innovative medicines**, particularly in areas where there is an **unmet medical or social need**. IMI is the **world's biggest public-private partnership (PPP)** in the life sciences. Through the **IMI 2** programme, it has a **€3.3 billion** budget for the period **2014-2024**, partially funded by H2020. IMI fund projects responding to their calls for proposals, for example:
 - How **big data** could support better diagnosis and treatment outcomes for **prostate cancer**
 - Enhanced **patient voice** in medicines lifecycle
 - Precision medicines approaches in **autism spectrum disorders**





Horizon 2020

- **Horizon 2020** is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market. H2020 funding varies dependent on proposals, examples of H2020 funding are:
 - **Personalised computer models and in-silico systems for wellbeing:** Proposals should aim at the development of new integrative dynamic computer-models and simulation systems of acceptable validity, with the potential to be reused, build on open service platforms and with application in well-being, health and disease.
 - **SME Instrument Phase 1 &2:** Accelerating market introductions of ICT solutions for health, well-being and aging well.
 - **Horizon2020 Innovation Associate:** The action aims at overcoming barriers for EU SMEs and Start-ups to the recruitment of highly qualified specialists that are not available on the national job market but whose knowledge would be crucial to open up opportunities for innovation and significant growth for the enterprise.
 - **Comparing the effectiveness of existing healthcare interventions in the adult population:** Compare the use of currently available preventative or therapeutic healthcare interventions in adults - preference will be given to interventions with high public health relevance and socio-economic impact, i.e. conditions leading to co-morbidities etc.
 - **Personalised coaching for well-being and care for people as they age:** Develop a proof of concept of radically new solutions for personalised virtual coach, building on intelligent ICT environments, access to relevant physiological and behaviour data, new forms of accessible interaction based on tangible user interaction concepts, open platforms and emotional computing.
 - **Support for large scale uptake of Digital Innovation for Active and Healthy Aging:** Several activities on scaling up of digital innovation for active and healthy ageing are currently pursued by the Commission in cooperation with a large number of different stakeholder groups and partner organisations. A coordination and support action is needed to promote the effective uptake and impact of these activities and to leverage additional investments by mobilising other national and regional programmes together with private investments.



Nominet Trust

- **Social Tech Seed:** Open Grant funding programme that offer entrepreneurial organisations early stage investment to develop projects through the power of the internet and digital technologies to deliver significant social change. Award is made up of grant funding, support package and access to a discretionary fund. Funding of £15k-£50k over 9-12 months



The Colt Foundation

- The Colt Foundation is interested in supporting research into health, safety and comfort of people at work. They occasional support projects which fall outside this areas, but that would be very much the exeception.



Maudsley Charity

- **Mental Health Projects Grants:** Supports project which promote mental healthcare and wellbeing. Projects must meet one or more of the strategic objectives: 1) Recovery, self-management and support to stay well 2) growth and spread of knowledge and understanding of which will impact future care and prevention . There will be up to £50k of funding for up to 3 years and one or two £100k exceptional projects may be awarded



NESTA

- **NESTA - Impact Investment Fund:** Aims to bring about positive outcomes for people, communities and society as well as providing financial returns on investment. The key themes are to reduce avoidable injury and premature death of older people; increase the number of older people enjoying high quality of life ; increase in the number of older people participating in social, cultural and economic life.



Alcohol Research UK

- **Research Innovation Grants:** To support projects that address emerging issues in alcohol research, employ novel theoretical or methodological approaches or pilot new work in treatment or service delivery. Projects to be funded up to £60K.



RCUK

- **RCUK/Innovate UK Urban Living Partnership - Call for Pilot Phase:** Consortia - leading cross-disciplinary researcher expertise, city leaders, business, civic organisations, third sector etc. Initial pilot phase focused on building integrated understanding of the challenges, opps and vision for urban areas. There is over £400K for up to 5 projects.
- **Digital Catapult researcher in residence programme:** Funding enables researchers at any career stage to spend time at the Digital Catapult Centre or any relevant partner organisation to undertake a project that will generate impact for the digital economy in the broadest sense. Funding of £25k - £1m per project.



EPSRC: Engineering and Physical Sciences Research Council

- **Healthcare Technologies Challenge Awards:** The EPSRC Healthcare Technologies theme is highlighting this future call. The theme will be inviting applications to an initiative designed to create a cohort of the most promising future leaders who will develop new research capabilities across the EPSRC portfolio to address unmet healthcare needs. This call will be intended to support early career researchers (ECRs) to develop a personal programme of high quality, creative, and multidisciplinary research, and to build and grow their research group. A budget of **£7-10million** will be available to support around 7-10 personal awards of up to five years' duration.



ESRC: Economic and Social Research Council

- **ESRC and NHPCC - Call on children's mental health:** Aim to increase the evidence base about what kinds of therapeutic or social intervention can help children with experience of abuse, how to identify children whose mental health is vulnerable, and how to identify things that make others more resilient. 3-5 proposals to be funded from a grant total of £1.2m
- **Evidence Centre on UK Housing:** Aim is to establish an evidence centre on UK housing, which will focus on connectivity, accessibility and integration of evidence and joining up different stakeholders and sectors in establishing recommendations for housing policy and practice. The purpose is to bring together existing research, and develop a pipeline of evidence on housing and communicate its outputs in an actionable format to key audiences. Maximum funding of £250K.
- **Evidence Centre on UK Housing (in association with the Joseph Rowntree Foundation):** Aims to establish an evidence centre on UK housing, which will focus on connectivity, accessibility and integration of evidence and joining up different stakeholders and sectors in establishing recommendations for housing policy and practice. Has £5.5m to spend over 5 years.



Sir Halley Stewart Trust

- **Sir Halley Stewart Trust:** Grant giving charity for medical, religious and social themes. Main grant is approximately £60,000 and small grant is approximately £5,000.



The Health Foundation

Current Funding Opportunities

***Closed**

- **Innovating for Improvement:** Our Innovating for Improvement programme aims to improve health care delivery and/or the way people manage their own health care through the redesign of processes, practices and services
 - Programme to test and develop innovative ideas and approaches to improve health care delivery and/or the way people manage their own health care in the UK.
 - Each project team will receive up to £75,000 of funding to support the implementation and measurement of the project.
 - Teams should demonstrate how their projects will lead to direct benefits or impact on patients.



Leverhulme Trust

- **Research project grants:** Research of the applicants own choice, however, does not fund; applied medical research, policy driven research, advocacy, research aimed at immediate commercial application, database/databank assembly. Maximum funding of £500,000.



British Heart Foundation

- Heart Research UK invites applications for its novel and emerging technology grant. This supports research on novel and emerging technologies and new applications of existing technologies to diagnose, treat and prevent heart disease and related conditions. Maximum funding of £250,000.



The Care + Wellbeing Fund

- The care and wellbeing fund is an investment fund which aims to develop and scale community-based services to improve people's health and wellbeing, particular focus on long-term conditions. Social enterprises will have access to: Analytical support, Financial investment and Business advisory support and mentoring.
- Has funding amounts of £500,000 to £2.4m.



Wellcome Trust

- **Portfolio Projects:** The aim is to fund programmes which require a portfolio of projects to delivery leading-edge innovations in healthcare. Applications to portfolio awards need to demonstrate ambitious ground breaking innovative solutions that will have a profound healthcare impact and, that cannot be fully realised through project based funding



Innovate UK: The UK's innovation agency

Current Funding Opportunities

- **Competition brief, open funding competition:** Innovate UK has allocated up to £15 million to fund innovation projects in this open competition. Successful applicants can attract grant funding towards their eligible project costs. Projects must:
 - demonstrate innovation leading to novel, new products, processes or services
 - articulate a clear and anticipated growth impact for the business(s) leading to a significant return on investment (ROI)
- **Emerging & Enabling Technologies - Stream 1&2:** The aim is to help businesses to find new sources of revenue from new products, process or services and projects will harness E&E technologies across the economy. Stream 1 - up to £100k Stream 2 - over £100k.
- **Innovation in Health and Life Science - Round 1:** To stimulate innovation in H&LS, covering at least one priority area. Relevant priority areas identified are: improve precision medicine, advanced therapies and pre-clinical technologies. Stream 1 - £100k over 12 months. Stream 2 - over £100k. (£5m available for projects up to 1 year, 5m for up to 2 years and £5m for up to 3 years)



NHS England

- **Better Care Fund:** The Better Care Fund (BCF) is a programme spanning both the NHS and local government. It has been created to improve the lives of some of the most vulnerable people in our society, placing them at the centre of their care and support, and providing them with ‘wraparound’ fully integrated health and social care, resulting in an improved experience and better quality of life. It takes the form of a local, single pooled **£5.3bn** budget that aims to fund ways that the NHS and local government throughout England can work more closely together.
- **NHS Innovation Accelerator:** The aim of the NIA is to deliver on the commitment detailed within the [Five Year Forward View](#) – creating the conditions and cultural change necessary for proven innovations to be adopted faster and more systematically through the NHS, and to deliver examples into practice for demonstrable patient and population benefit. The offers a bursary of up to £30K and mentoring and support from NIA staff.
- **General Practice of the Future SBRI Healthcare NHS England competition for development contracts:** Projects will be selected primarily on their potential value to the health service and on the improved outcomes delivered for patients.
 - **Phase 1:** technical feasibility of concept. Contracts for 6 months max and up to £100,000
 - **Phase 2:** development and evaluation of concept from successful phase 1 technologies



MRC: Medical Research Council

Current funding opportunities

- Based on the priorities set in their strategic plan, the MRC invests in research for the UK tax payer.
- In 2015/16 the MRC's gross research expenditure, was £927.8m.
 - £506.8m on grants to researchers in universities, medical schools and research institutes.
 - £171.7m on programmes within the MRC's own units and institutes including £5.4m on studentships.
 - £167.3m on programmes within university units and the Francis Crick Institute, including transfer of property, plant and equipment with a net book value of £27.0m.
 - £65.6m on studentships and fellowships in universities, medical schools and research institutes; there were approximately 1400 postgraduate students and 370 fellows in March 2016.
 - £16.4m for international subscriptions



NERC

- **Improving Health with Environmental Data call - Announcement of Opportunity**
 - NERC, the Medical Research Council (MRC) and the Scottish Government Chief Scientist Office (CSO) are investing up to £600,000 in projects to identify and fill knowledge gaps around the potential of environmental data to improve health outcomes in the UK. This call will focus specifically on using environmental data on air pollution and/or environmental hazards alongside health and biomedical data.



UK; SBRI: Small Business Research Initiative

- **SBRI Healthcare Invests in Innovative Projects to Reduce Pressure on Urgent and Emergency Care:** SBRI Healthcare is offering companies each up to £100,000 Phase 1 feasibility funding to develop products that reduce the current pressures put on urgent and emergency care services.



NIHR: National Institute for Health Research

Current Funding Opportunities

- Interventions for multiple behaviour change
- What are the effective and cost-effective choice architecture interventions to promote healthier behaviours or reduce health risk behaviours for smoking, alcohol, food intake and physical behaviour?
- This call is concerned with the organisation and delivery, and cost to commissioners and providers of healthcare in care homes. Studies commissioned under this call should produce outputs of immediate practical use to the NHS and social care commissioning and provision systems
- Research is needed on different models of incorporating GPS into and alongside Eds with the aim of reducing the burden on Eds and the staff who work there, and providing effective, efficient and safe services for patients
- PHR is interested in research showing how community engagement effects health and wellbeing
- Interventions which could be widely applied, interventions using social and digital media, population groups who may have particular needs, prevention of loneliness including opportunities at life transitions, research considering pathways to loneliness and duration of loneliness, effects of context and environment on outcomes, research that considers the involvement of 3rd sector groups
- What is the clinical and cost-effectiveness of using an established cancer primary care risk tool to predict a patient's cancer risk?
- Application requested to address knowledge gaps on impact and sustainability of NHS Diabetes Prevention Programme - should include comparison with services elsewhere in the UK
- workforce interventions for the assessment and management of older patients with CI in general hospital, community and residential services, and interventions required to deliver improvements. What interventions are effective at reducing negative effects on health and wellbeing associated with noise in the living environment?
- Which are effective interventions to maintain and/or increase physical activity for people in mid-life?
- Research question: What are effective interventions to reduce sedentary behaviour? Of particular interest: Population level interventions; interventions to reduce sedentary behaviour, including environmental measures; Interventions for different population groups and/or across different life stages; Communication of health messages about sedentary behaviour; Effect of intervention on physical and mental wellbeing; effective intervention on health inequalities



Scottish Funding Council

- SFC invests approx. £1.6 billion in Scotland's 19 universities and 25 colleges for learning and teaching, skills development, research and innovation, staff, buildings and equipment.



CHSS: Chest Heart & Stroke Scotland

- Action research – up to £40,000; no restriction on timescale; for qualitative and non-traditional studies in areas of particular interest to CHSS as a service provider
- Minor Research – up to £5,000; for small-scale pilot studies, student projects, and specific extensions to existing studies.

***Funding withdrawn in 2016/17**



Drill: Disability Research on Independent Living & Learning

- DRILL is a ground breaking UK-wide programme fully funded by a £5 million grant from the Big Lottery Fund. DRILL is the world's first research and pilot programme led by disabled people and their priorities.



CivTech

- **CivTech:** Takes a public sector Challenge and solves it in an innovative way
 - Secure a public sector client through a streamlined procurement process
 - There is an Exploration Stage £2k, an Accelerator Stage £15K, then a further amount for the Commercialisation Stage (the amount dependent on the Challenge and the nature of the product)
 - Keep 100% of your IP and equity



Highlands and Islands Enterprise

- HIE will consider applications for financial assistance from account managed businesses, social enterprises and communities, and towards identified transformational projects. HIE's financial assistance will be directed towards the sectors identified in the Scotland's Economic Strategy:
 - Creative Industries
 - Energy
 - Business Services
 - Food and Drink
 - Life Sciences
 - Tourism
- HIE will always be the funder of last resort, so we need to be assured that the applicant has pursued all other potential funding sources. HIE financial assistance will always be the least amount required to allow the project to proceed.



Scottish Enterprise

- **Biomedical Catalyst funding competition:** The aim of this competition is to develop innovative healthcare technologies and processes that will help provide:
 - Disease prevention and proactive management of health and chronic conditions
 - Earlier and better detection and diagnosis of disease leading to better patient outcomes
 - Tailored treatments that either change the underlying disease or offer potential cures
 - **Early-stage awards:** Projects to range from total costs of £200,000 to £1.5 million. Projects should last up to 2 years.
 - **Feasibility studies:** We expect total project costs of up to £200,000. Projects should last between 3 months and 1 year.
- **ScotGov; High Growth Spin Out Programme:**
 - High-Growth Spinout Programme awards cover 100% of direct project costs prior to company formation. The programme does not pay overhead costs. Support is divided into three phases, with progress from one phase to the next being dependent on rigorous assessment.
 - Looking for:
 - A demonstrable market opportunity for the technology
 - A team with a clear plan for commercialisation
 - Experienced R&D and commercial teams
 - Owned intellectual property rights
 - Realistic project costs



Scotland; SBRI: Small Business Research Initiative

- **Personalised diabetes education and care - a systemic approach**
 - Competition involving Scottish Government and Scottish Diabetes Group, in association with Scottish Enterprise, Innovate UK and NHS Scotland, to find innovative new solutions focused on diabetes education and mobile health.
 - Phase 1 is intended to show the technical feasibility of the proposed concept. The development contracts placed will be for a maximum of 6 months and up to £30,000 per project. A total of up to £150k is allocated to phase 1. Phase 2 contracts are intended to develop and evaluate prototypes or demonstrators from the more promising technologies in Phase 1, and it is anticipated that funding will be up to £150,000 per project. A total of up to £300k is allocated to Phase 2 .
- **SBRI funding competition: using technology to improve dermatology:** NHS Scotland, in conjunction with Scottish Enterprise, will fund up to £450,000 for innovative technology and digital platforms that improve dermatology care.
 - Competition is looking for proposals that:
 - help patients manage their health from home
 - free up clinic appointment times for those patients who need a longer consultation with a dermatologist
 - minimise the time consultants spend on administrative tasks
 - This competition has 2 phases. Up to £150,000 is allocated for phase 1 for technical feasibility, and up to £300,000 for phase 2 for development and evaluation.



Aberdeen City Health and Care Partnership

- There is £2.5k available to put ideas into action and kick start local initiatives to improve health and wellbeing in Aberdeen



iHUB

- The Improvement Fund has £200,000 to award for the rest of the financial year 2016/17. The Improvement Fund will make awards between £5,000 and £75,000.
- The Improvement Fund would welcome ideas that:
 - Have a clear alignment to the Health and Wellbeing Outcomes and connection to the associated Integration Indicators
 - Are new and do not duplicate or conflict with existing integration priorities and strategies.
 - Are designed and delivered in partnership and address Scotland's integration and reducing inequalities agendas.



NHS Scotland

- **SBRI – Diabetes:** NHS Scotland, in conjunction with Scottish Enterprise, will fund up to £450,000 for innovative technology and digital platforms that improve dermatology care. This is a Small Business Research Initiative (SBRI) competition. The aim is to develop technology that will improve diagnosis and ongoing management of skin conditions.



CSO

- Up to £35,000 is available to provide key supporting evidence to underpin subsequent applications to other research funders.

