

Cardiff Innovation System

Professor Rick Delbridge



Cardiff Statement on Optimizing the Impact SSH Research

- Promote **societal challenges** as the catalyst for high quality, impact focused research programmes;
- Create **consortia with practice and across disciplines** in the earliest phase of research planning, and to foster co-development of research programmes;
- Involve government, third sector, business & cultural institutes as **co-producers** of research;
- Create **data-partnerships** with citizens, business, third sector and public partners;
- **Facilitate entrepreneurship** within SSH where possible;
- **Develop metrics** that support evaluation and demonstration of impact of SSH;
- Promote and support Innovation and impact that **produces value of various forms**, including economic but also social, cultural and wider public value;
- **Stimulate interdisciplinary research** with other scientific disciplines;
- Develop & implement **academic reward systems and structures** which incentivise societal impact;
- Enable & encourage **sharing of best practice** & lessons between researchers & research users;
- **Share our latest insights** with as many citizens as possible.

Cardiff Innovation System: The Concept



- Combination of:
 - **Excellent research** that is **close to market** driving industrial, clinical, and public sector innovation;
 - Research in the life sciences, engineering & physical sciences **integrated and supported with Social Science** which will work on matters such as policy formation and alignment, public acceptance, political impetus and horizon-scanning;
 - Research, practice and education in new business models and enterprise;
 - Delivering benefits for our students and the economy; and
 - Stakeholder commitment leveraging substantial external investments.

Cardiff Innovation Campus- Phase 1 (completed)



Hadyn Ellis Building (Opened 2013):

- **European Cancer Stem Cell Research Institute-** looking at transforming cancer treatments
- **Neuroscience and Mental Health Research Institute-** tackling the psychiatric and neurodegenerative disorders that are major causes of death and disability



Cardiff University Brain Research Imaging Centre (CUBRIC) (Opened Summer 2016)

- houses four scanners including a super MRI scanner described as ‘the ultimate brain hacking machine’
- Establishing a European Centre of Excellence in Wales for brain research

SIEMENS



GE Healthcare

MRC

Medical
Research
Council

EPSRC

Innovation Campus – phase 2 (exp. 2020)

Innovation Central:

- Social Science Research Park
- Innovation Centre

Translational Research Facility:

- Cardiff Catalysis Institute
- Institute for Compound Semiconductors



Innovation Central - Innovation Centre



The **Innovation Centre** will be the University's front door to business. It will locate strategic partners alongside start-ups, the University's business engagement, student enterprise and other entrepreneurship activities.

- Recreational spaces
- Roof garden
- Exhibition space
- Visualisation suite
- Computational social science lab
- Secure data facilities
- Behavioural lab
- Innovation lab
- Fab Lab
- 2,900m² of lettable space
- 29 office units
- 8 laboratory units
- Shared facilities – laboratory based
- Hot desking
- Meeting rooms
- Social/catering facilities

How will SPARK work?



- Physically bring together theorists and practitioners in new ways to spark the ideas that will lead to transformational change
- Prototype solutions to societal challenges at pace, allowing new ideas to be tested in situ
- Produce knowledge and public value which is social science-led and oriented to societal benefit.
- Catalyse more innovation-oriented social science and a more socially-oriented system of innovation.
- Give practitioners new ways of meeting the needs of a changing society

Contact us

For further queries, please email innovationsystem@cardiff.ac.uk

Website: www.cardiff.ac.uk/innovation

