The Foundation for Science and Technology

The Royal Society of Edinburgh

A Science and Innovation Strategy for Scotland

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Scottish Funding Council
Promoting further and higher education
Scottish Government’s Purpose

A more successful country, with opportunities for all of Scotland to flourish, through increasing sustainable economic growth.

September 2011
SFC Strategic Plan Outcomes

Outcome 1: efficient and effective regional college structures
Outcome 2: access for people from the widest possible range of backgrounds
Outcome 3: the right learning in the right place
Outcome 4: high quality, efficient and effective learning
Outcome 5: a developed workforce
Outcome 6: sustainable colleges and universities
Outcome 7: a research base that is internationally competitive and improving its reputation and standing in the world
Outcome 8: university/industry collaboration and the exploitation of research

Dual Support System

Funding Councils

- Scottish Further and Higher Education Funding Council.
- Higher Education Funding Council for Wales.
- Department for Employment and Learning, Northern Ireland.
Dual Support System

Research Councils (RCUK)

- Arts and Humanities Research Council.
- Biotechnology and Biological Sciences Research Council.
- Engineering and Physical Sciences Research Council.
- Economic and Social Research Council.
- Medical Research Council.
- Natural Environment Research Council.
- Science and Technology Facilities Council.

Research Councils UK

1. Provide a highly skilled workforce as the basis for economic growth and sustainability.
2. Support national capability in essential disciplines.
3. Focus on strategic research and outcomes.
4. Support critical mass and centres of excellence.
5. Encourage multidisciplinary research collaboration.
Research Council
Cross-cutting themes

- Technology Strategy Board – Catapults, Knowledge Transfer.
- National Institute for Health Research (UK).
- Chief Scientist’s Office (Scotland).
- Research Charities - Wellcome Trust, Cancer Research UK, etc.
- European Commission – Framework Programme (FP7).
- European Research Council.
- National Institutes for Health (NIH).
- Bill and Melinda Gates Foundation.
Capable
Ambitious
Networked

Demand and
Opportunities
Scotland CAN DO

• An increase in entrepreneurship and innovation activity from individuals and businesses in Scotland resulting in more businesses being formed and new products and services from existing businesses;

• More people from all walks of life with the ambition and skills to create, lead and grow successful businesses;

• An education system with entrepreneurship and innovation at its core, seizing the opportunities presented by Curriculum for Excellence, college reform and the world-leading strength of our universities;

• More of our knowledge and intellectual capital being commercialised and greatly increased collaboration between business and the academic sector; and

• A greater focus on, and share of, global markets as our business leaders grow in confidence and expand their horizons internationally.
INNOVATE UK

- Agriculture & food
- Built environment
- Digital economy
- Emerging technologies & industries
- Enabling technologies
- Energy
- Health and care
- High value manufacturing
- Resource efficiency
- Space applications
- Transport
- Urban living
- Other areas

Innovation Scotland

Universities and businesses working together
Innovation Landscape

- Pooling
- Interface – Innovation Vouchers – Skills?
- Easy Access IP
- Innovation Scotland
- Alignment with SE and HIE
- Innovation Centres
- Horizon 2020

Aims of Research Pooling

- Excellence
- Critical mass
- Competitiveness and Leverage
- Facilities
- Training
- Culture change
Innovation Centres
Supported by The Scottish Funding Council, Highlands and Islands Enterprise and Scottish Enterprise.
TELL US ABOUT YOUR PROPOSAL... WE'RE REQUESTING $3 BILLION IN FUNDING TO FIND THE HIGGS BOSON.

WAIT... DIDN'T YOU ALREADY FIND IT A YEAR OR TWO AGO?

YES, WELL, U.M. ...

OK, THIS IS EMBARRASSING. SEE, THE THING IS... IN OUR DEFENSE, IT'S REALLY SMALL.

DON'T TELL US YOU LOST IT ALREADY. LOOK...