

Innovate UK Funding Opportunities

Simon Masters
Lead Technologist – Aerospace
Innovate UK

What is Innovate UK?

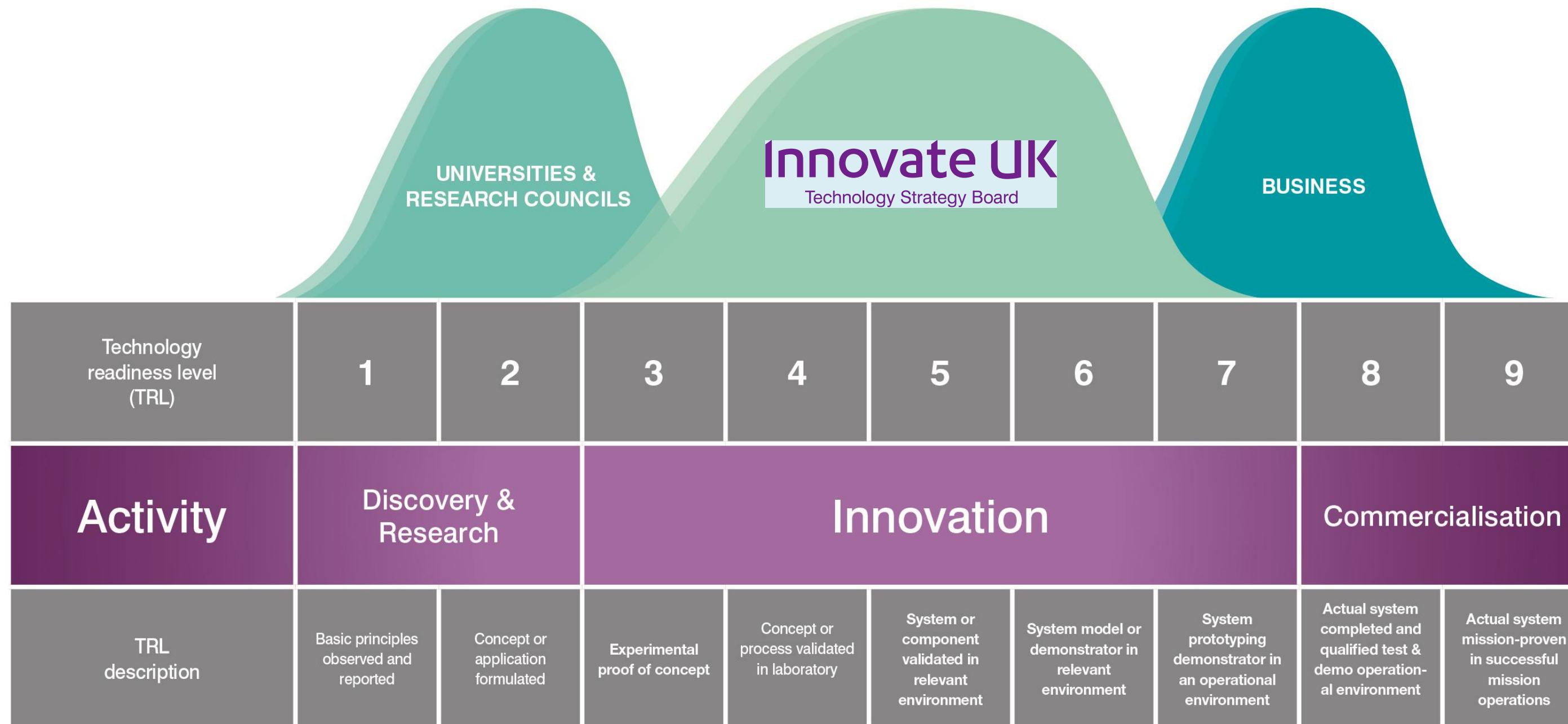
- Formally known as the Technology Strategy Board
- UK national innovation agency set up to invest in business innovation
- We work across business, universities and government.
- We mostly come from business: \approx 200 people with over 3,000 years of business experience
- Annual budget of £440m a year



We stimulate and support
business-led innovation
in order to accelerate
economic growth.

*How can we help UK business
bring new ideas and technologies
faster to market?*

We are the UK Government's Innovation Agency



Source: The NASA-developed Technology Readiness Level model¹⁷

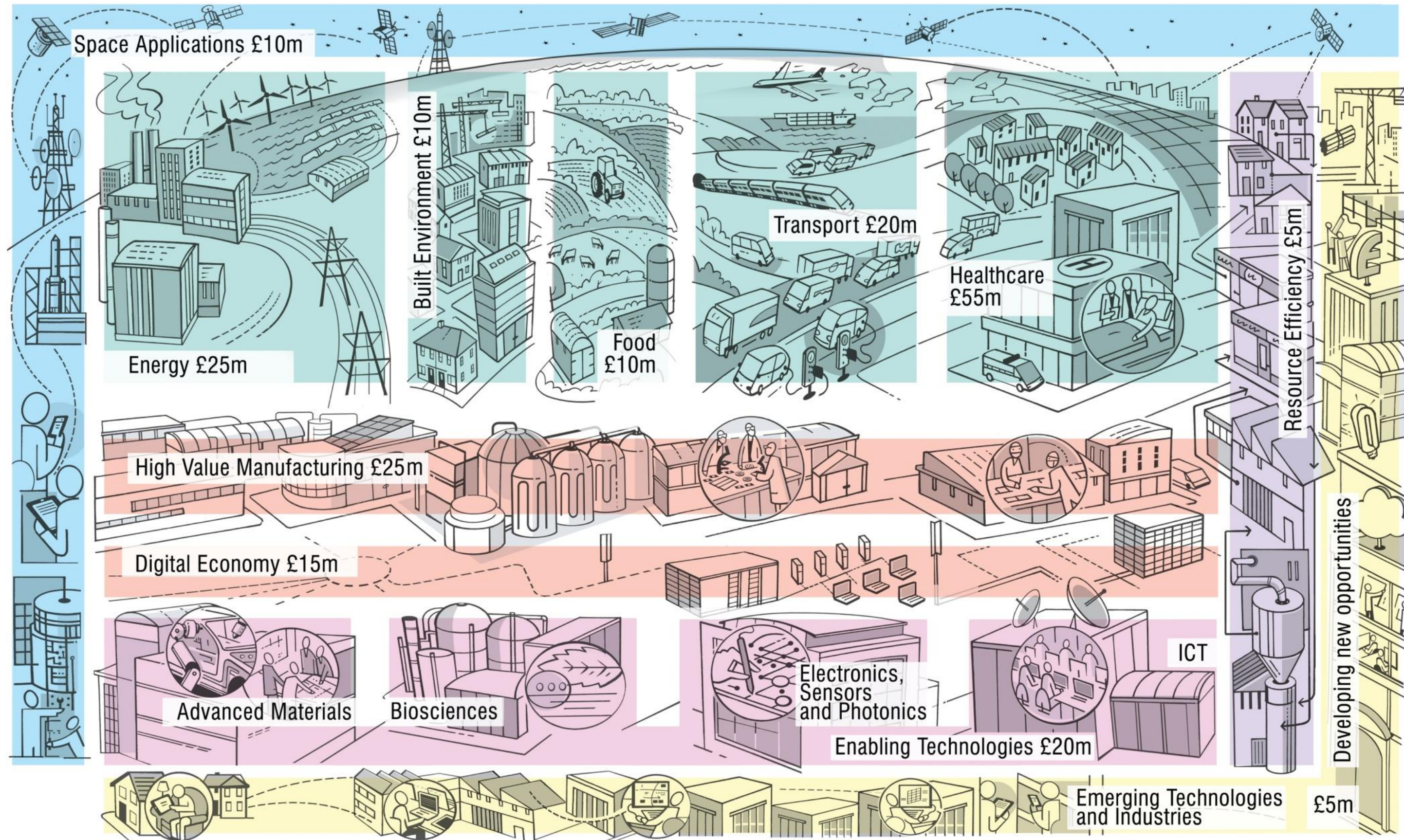
Our goal is to accelerate economic growth by stimulating and supporting business-led innovation, from concept to commercialisation.

Four Criteria for Innovate UK Support

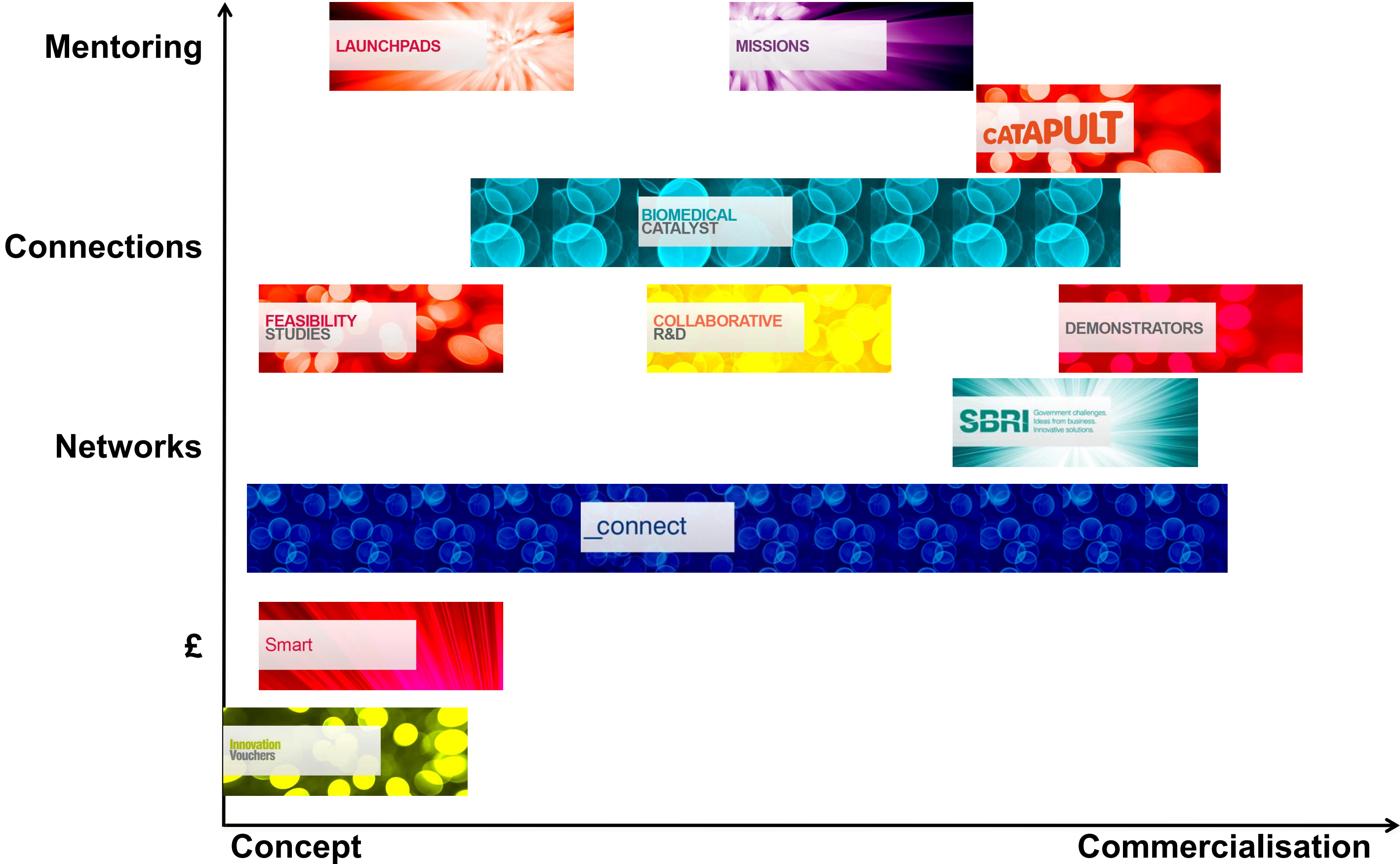
Can the UK do it?	Is there a large market opportunity?
Is the idea 'ready'?	Can we make a difference?

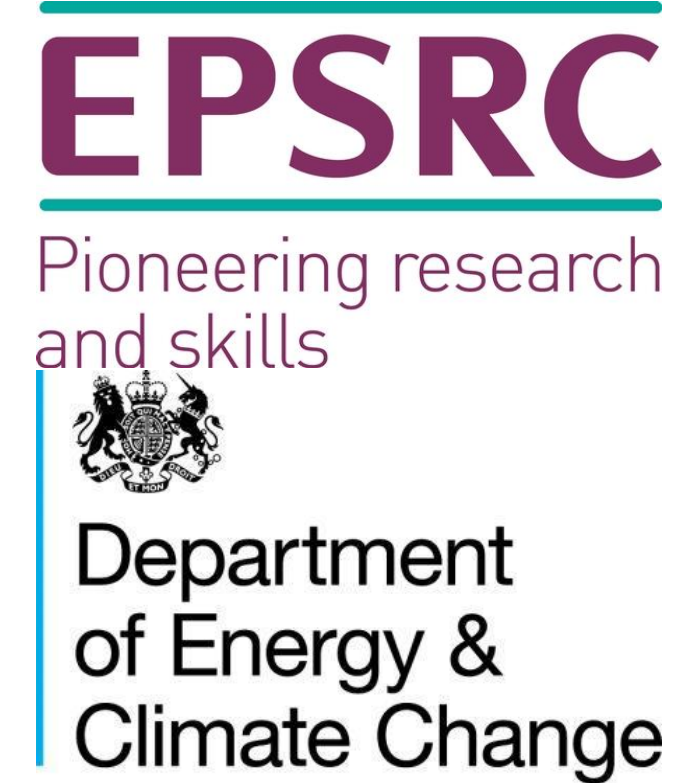
Anticipated expenditure in year 2014-15, by priority area

Anticipated in-year expenditure in 2014-15, by priority area*



Innovate UK
Technology Strategy Board





**For dates and registration please see the website
interact.innovateuk.org**

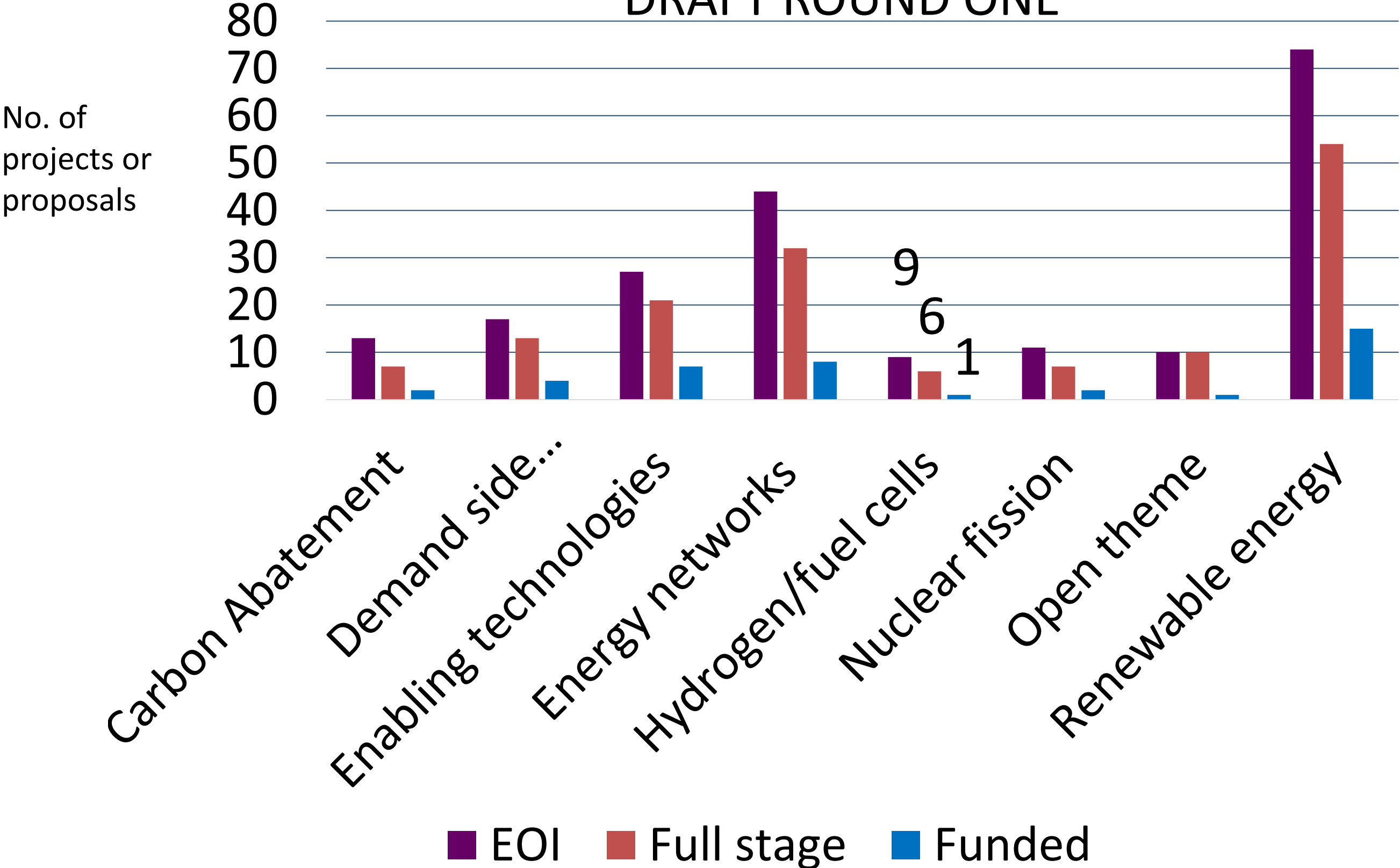
£14m available

Open to innovative businesses and researchers from any sector who can address **the energy 'trilemma'** of:

- reducing emissions
- improving security of supply
- reducing cost



DRAFT ROUND ONE



Portable renewable energy generation

Home / / Funding competitions / / Portable renewable energy generation



Provides opportunities for innovative companies to engage with the public sector to solve specific problems.

[Learn more](#)

Status: Open

Key features: An SBRI competition that will be launched by the City of Cardiff Council to identify and develop innovative solutions to generate portable renewable energy technologies that are able to work in a range of locations on underused or vacant land in the city.

Programme: SBRI

Award: Up to £1million

Opens: 20 Apr 2015

Registration closes: No deadline

Closes: 08 Jun 2015

Support phone number:
sknowles@cardiff.gov.uk

LINKS FOR THIS

COMPETITION

[SBRI website](#)

Cleaner, more efficient conventional fuels

<http://tinyurl.com/cleanerfuels>

Scope includes use of fuel cells, and/or fuel switching and co-firing with hydrogen, in large scale power generation and energy-intensive industries.



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Competition for funding

Cleaner, more efficient conventional fuels

DEADLINE
9 April
2015

Collaborative R&D
and Feasibility Studies

The poster features a silhouette of a worker in a hard hat adjusting a large industrial valve against a backdrop of a city skyline at sunset. A pink circular badge highlights the deadline date.

- Deadline for registration 3rd June
- Deadline for submission 10th June

Spearheading future electric vehicle battery production

Home / / Funding competitions / / Spearheading future electric vehicle battery production



Collaborative R&D

Helping businesses and researchers to work together on science, engineering and technology innovation.

[Learn more](#)

Status: Open

Key features: Innovate UK and the Office for low emission Vehicles (OleV) are to invest up to £10 million in a single consortium to develop a pilot line to understand how to produce high-voltage electric vehicle batteries at a rate that can later be scaled up for commercial production.

Programme: Collaborative research and development

Award: Up to £10 million

Opens: 20 Apr 2015

Registration closes: 27 May 2015

Closes: 03 Jun 2015

Support phone number: 0300 321 4357

Registration is required to enter this competition. Please note that registration will close 1 week before the competition application deadline.

LINKS FOR THIS

COMPETITION

[Applicant guidance](#)

Important information about funding rules, project costs and how to submit your application

Innovate UK Aerospace Programme



Aerospace Context

The Opportunity

- 27,000 100+ seat aircraft by 2031, worth **\$3.7tr**
- 24,000 business jets by 2031, worth **\$648bn**
- 40,000 helicopters by 2031, worth **\$165bn**
- Total civil aerospace market in excess of **\$4.5tr**



Innovate UK activity

- Deliver Aerospace Industrial Strategy as a partner to ATI
- Build and maintain effective relationships with Industry, BIS, ATI, AGP
- Deliver activities to drive innovation in technology development, including investigating cross cutting and emerging technologies
- Proactively engage with Europe and rest of world

Highly Innovative Technology Enablers in Aerospace



up to £10 million
in collaborative
research and
development and
feasibility studies

Highly Innovative Technology Enablers in Aerospace 3 *Game-changing technologies for aerospace*

Highly Innovative Technology Enablers in Aerospace

Key Objectives

- Promote global competitive advantage and economic benefit, primarily in the UK civil aerospace sector
- Development of solutions to key aerospace challenges
- Support broad participation across industry, academia and research organisations and across different industry sectors.



Competition Scope

Potential collaborative R&D projects must be aligned with 5 key technology themes:

new manufacturing solutions that enhance cost effectiveness and affordability and/or support increasing rates of production

improved competitiveness through novel or advanced materials and associated processing technologies

technologies that enable improvements to overall vehicle performance and efficiency

reduced cost of vehicle ownership through novel technologies or process solutions

new modelling and simulation techniques

Competition Funding

- Collaborative R&D:
Project costs between **£250,000** and **£1,500,000**
- Feasibility Studies:
Project costs up to **£100,000**
- Funding available:
 - 50% Industrial Partners
 - 60% Medium sized business
 - 70% Small or micro business
 - 100% of eligible costs for Universities & RTOs
- **No funding cap** at project level



Competition Timescales

Collaborative R&D

Networking event	28 April 2015
Competition opens	29 June 2015
Competition briefing	15 July 2015
Registration deadline	noon 9 September 2015
Expressions of interest (EOI) deadline	noon 16 September 2015
Stage 2 opens for invited applicants	12 October 2015
Deadline for invited applications	noon 12 November 2015

Feasibility Studies

Networking event	28 April 2015
Competition opens	29 June 2015
Competition briefing	15 July 2015
Registration deadline	noon 5 November 2015
Deadline for invited applications	noon 12 November 2015



Innovate UK
Technology Strategy Board

Competition for funding

Game-changing technologies
for aerospace
Highly innovative technology
enablers in aerospace (HITEA) 3

REGISTER BY
9 September
2015 noon

Collaborative R&D
and Feasibility Studies

The poster features a photograph of a large commercial airplane on a runway at sunset. The sky is a mix of orange and yellow, and the plane is silhouetted against the bright light. The text is overlaid on a dark purple background that covers the top left portion of the image.

Opportunity to invest in and develop the next generation of aerospace technologies, keeping the UK at the forefront of the global aerospace industry.....