

SmartHort 2019

# How to secure funding and invest in innovation

James Phillips, BBSRC | UKRI

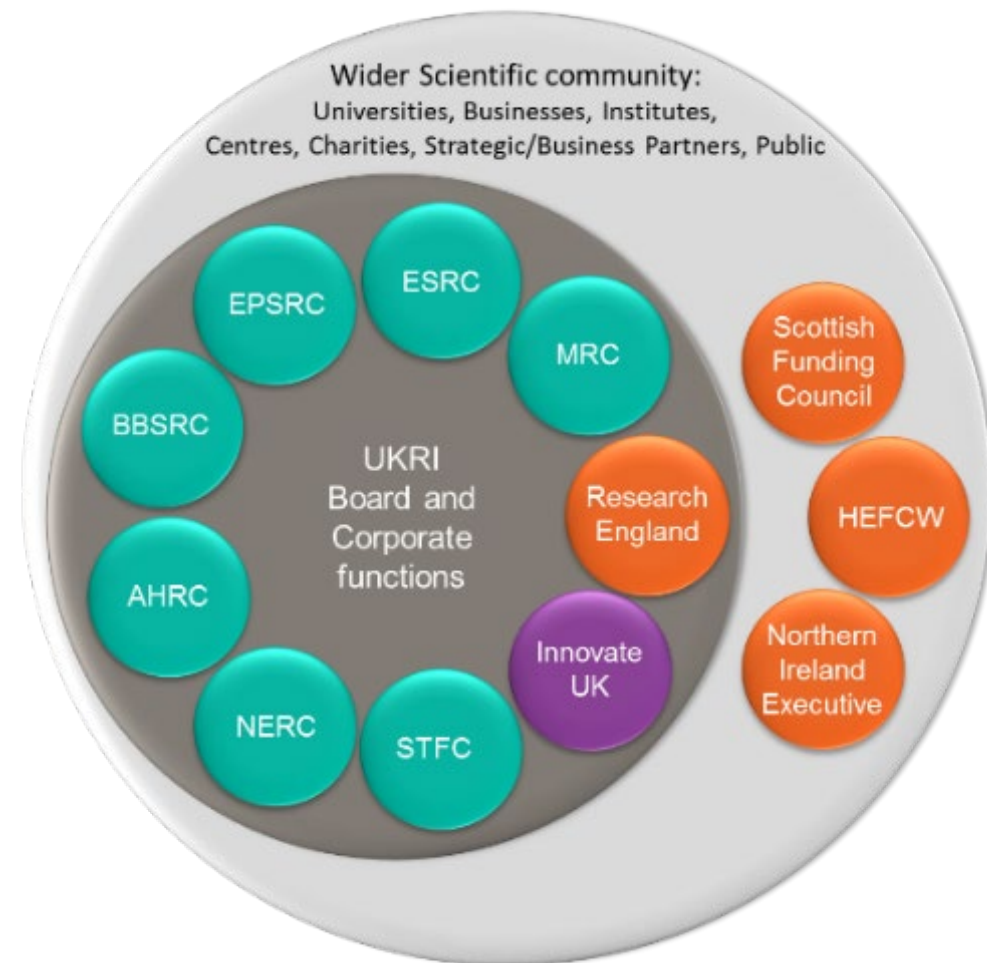
# UK Research and Innovation

UKRI launched April 2018

The new funding organisation for research and innovation in the UK

Seven UK research councils, Innovate UK and Research England, with partners in the devolved administrations

- **£6.5 billion** annual budget
- **3,900** research and business grants every year
- **2,400** business-led collaborative projects
- **151** universities receiving research funding
- **38** institutes, laboratories, units, campuses and innovation catapults

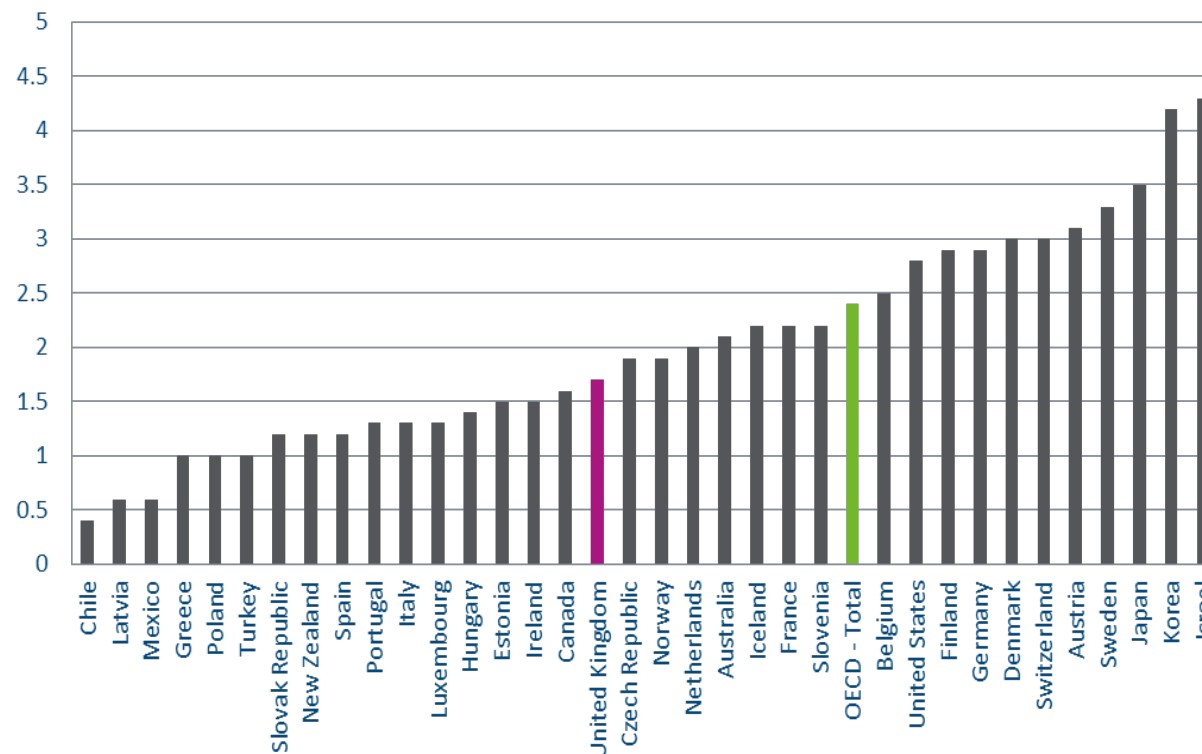


# Working towards 2.4%

The Government has committed to reaching 2.4% of GDP investment in R&D by 2027, and to reaching 3% in the longer term.

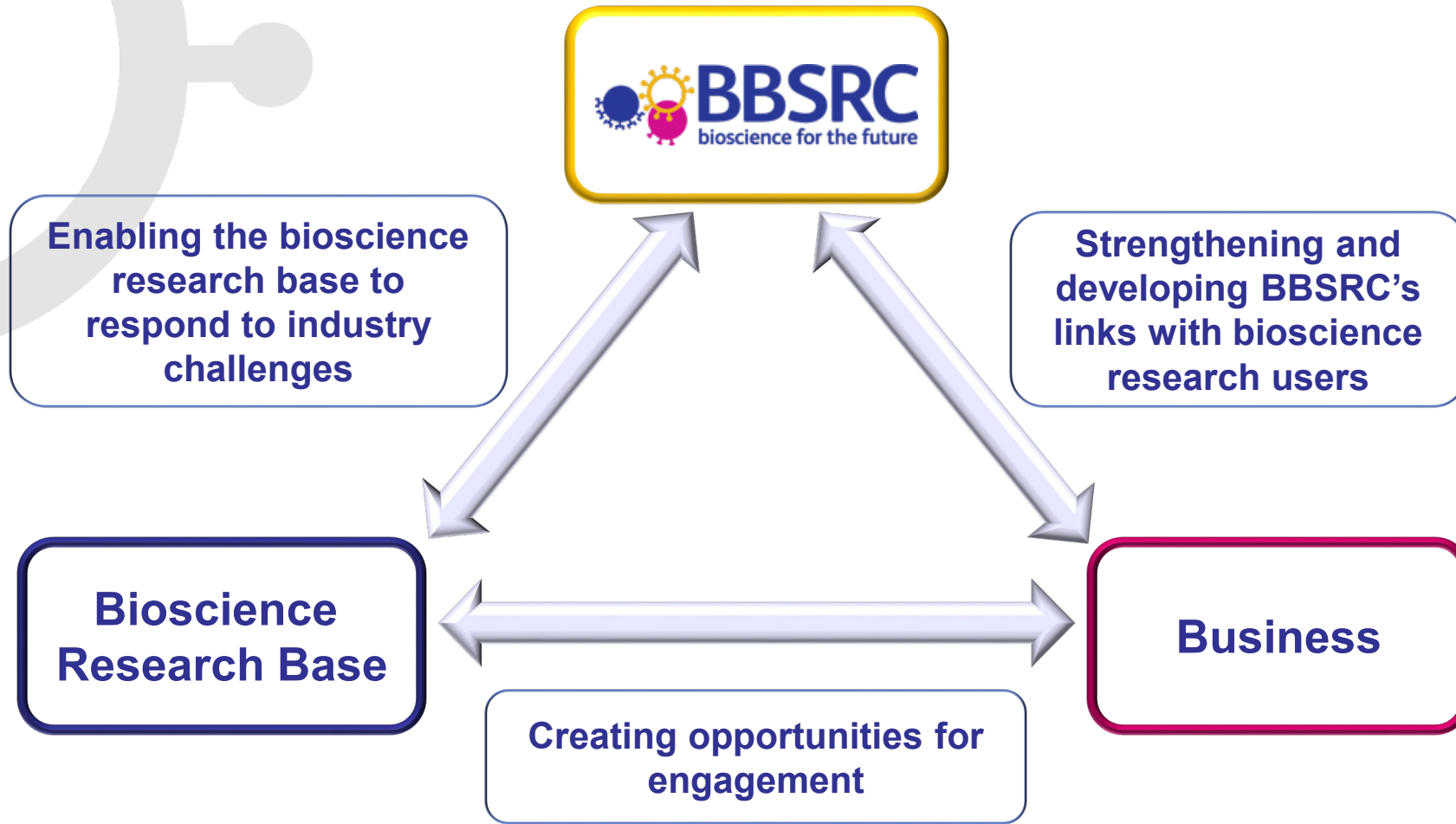
UKRI is in a strong position to advocate for and deliver this increase in funding by working with the Government to deliver upon the UK Industrial Strategy.

Gross Expenditure on R&D as a percentage of GDP



Source: OECD STI. Data is the latest available for each country.  
In 2015 UK's expenditure on R&D represented 1.7% of GDP  
– below the OECD average R&D intensity of 2.4%.

# BBSRC working with business



# Precision agriculture and smart technologies

Priority within BBSRC Agriculture and Food Security - Strategic Framework:

- Developing precision farming by **embedding smart engineering** technologies in agri-food research and innovation
- Supporting the development of digital and **predictive tools** to improve decision making
- Revolutionise future farming by developing and utilising **novel technologies**





# Industrial Strategy Challenge Fund

- ~£2Bn fund, delivered by **UK Research and Innovation** to support Industrial Strategy
- Builds on the UK's world-class research base to **transform existing industries** and **create new ones**
- **Accelerates commercial exploitation** of exciting technologies to ensure that scientific investment **delivers economic impact, jobs and growth right across the country**
- Programmes will be **industry-led** and powered by **multi-disciplinary research and business-academic collaboration**
- Wave 2 challenges include **£90m** for **Transforming Food Production**



# Industrial Partnership Awards and LINK

A collaborative, pre-competitive research project between one or more companies and research-base partners

**IPA**  
industrial  
partnership  
awards

- Science-led, responsive mode grants
- industrial partner contributes 10% cash
- Additional in-kind contributions welcome but doesn't count in the 10% industry contribution

**LINK**

- Industry contributes 50% of the cost of the project
- Contributions are cash and / or in-kind
- Remaining 50% from BBSRC

# Future Leaders Fellowships

Support for early career researchers and innovators with outstanding potential in universities, UK registered businesses, and other research and user environments.

Provide long-term funding and flexibility to tackle adventurous, difficult or multi-disciplinary areas that require fellowship support.

- £900m over six rounds to support ~200 fellows per year across UKRI remit
- Two calls each year until 2020-21, awarding 100 fellowships per call
- <https://www.ukri.org/funding/funding-opportunities/future-leaders-fellowships/>





# International Opportunities

## The Global Challenges Research Fund

The Global Challenges Research Fund (GCRF) is a five year £1.5 billion resource funding stream to ensure that UK research takes a leading role in addressing the problems faced by developing countries



## Newton Fund

£735M to build research and innovation partnerships with 16 partner countries to support their economic development and social welfare and develop their research and innovation capacity for long-term sustainable growth



UK Research  
and Innovation

# Upcoming Funding Opportunities



## Follow-on Funding call

Deadline: 13 March 2019, 16:00

Open



## Knowledge Transfer Partnerships

Apply at any time

Open



## Industrial Partnership Awards (IPA)

Deadline: 30 April 2019, 16:00

Open



## New Investigator Scheme

Deadline: 30 April 2019, 16:00

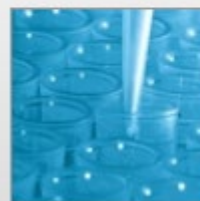
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## 'Stand-alone' LINK

Deadline: 30 April 2019, 16:00

Open



## Enterprise Fellowships

Deadline: 17 April 2019, 17:00

Open

**URL:** <https://bbsrc.ukri.org/funding/>

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