Innovate UK – the UK’s innovation agency

Innovate UK drives **productivity and growth** by supporting businesses to realise the potential of new technologies, develop ideas and **make them a commercial success**.

To **stay competitive as an advanced economy**, we need to do things that others cannot do, or to do things in different and better ways.
Investment of £2.2bn since 2007

industry match funding taking the total value of projects above £3.75bn

Up to £16bn in added value to the economy

We’ve funded around 11,000 projects

8,000 unique organisations involved

up to £7.30 for every £1 we’ve invested.

8 jobs for each organisation involved

70,000 jobs created in total
Regional managers based across the UK

North East, Yorkshire & Humber
N. Ireland
North West
East Midlands
West Midlands
Wales
East of England
South West
South East
Scotland

Place is key to innovation. We fund businesses throughout the UK and work closely with stakeholders in the regions and nations.

Innovate UK funding portfolio by postcode
Sector focus to accelerate growth

Emerging and Enabling Technologies
Identifying and investing in technologies and capabilities that will lead to the new products, processes and services of tomorrow

Health and Life Sciences
Focused on agriculture and food and healthcare, underpinned by bioscience and medical research and enabled by engineering and physical sciences

Infrastructure Systems
Optimising transport and energy systems and integrating them with other systems such as health and digital

Manufacturing and Materials
Advancing manufacturing readiness so R&D and technology developments increase productivity and capture value in the UK
World population 9.7 billion by 2050

1/3 of babies born today in the UK will live to 100 years

60% more food needed by 2050

Healthcare spend is rising faster than growth in GDP
Health and Life Sciences – Priority themes

- Precision and Discovery Medicine
- Advanced Therapies
- Improving agricultural productivity
- Enhancing food quality
Themes related to food

- **Increasing agricultural productivity:**
  - advanced and precision engineering
  - fighting agro-chemical and antimicrobial resistance
  - enhancing resilience to biotic and abiotic stress
  - individualised livestock/aquaculture nutrition and healthcare
  - novel genetics and breeding
- **Improved food quality and sustainability**
  - authenticity and traceability
  - enhanced nutritional value
  - food safety
  - modern methods of food manufacturing
  - new and smarter ingredients
  - protein development
  - smarter packaging
Current competitions

• Health & Life Sciences sector competition
  • £9.5m available
  • Opened 22 January 2018
  • Closes 28 March 2018 noon

• ‘Open’ calls:
  – December call
    • £19m available
    • Opened 11 December 2017
    • Closes 28 February 2018
  – March Open call
    • £15m available
    • Opens 1 March
    • Closes 9 May 2018 noon

Full details at www.gov.uk/innovateuk
Transforming Food Production

• Announced last week
• new £90 million investment
• to bring together AI, robotics and earth observation to improve supply chain resilience in the agri-food sector
Food Industry Innovation 2018

Wednesday 7th March
Museum of Science and Industry, Manchester
Supporting UK innovative businesses today in developing the industries of tomorrow

Innovate UK

We can’t stop thinking about the future
Investing in science, research and innovation

We must become a more innovative economy and do more to commercialise our world leading science base to drive growth across the UK

Industrial Strategy Challenge Fund

- Industry-led and powered by multi-disciplinary research and business academic collaboration
- Develop UK industries that are fit for the future, driving progress in technologies where the UK can become a world-leader in research and commercialisation
Industrial Strategy Challenge Fund

- Medicines manufacturing technologies
- Robots for a safer world
- Batteries for clean and flexible energy storage
- Self-driving vehicles
- Manufacturing and materials of the future
- Satellites and space technology
ISCF Wave 2 Challenges

- Early Diagnosis and Precision Medicine
- Healthy Ageing
- Mental Health
- Energy Revolution
- Transforming Construction
- Transforming Food Production: From Farm to Fork
- Next Generation Services
- Audience of the Future
- Quantum Technology
- Space Data
- Digital Manufacturing
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