

Campaign for Science and Engineering

The UK's leading independent
advocate for science and engineering

MISSION AND VISION

CaSE's mission is to ensure that the UK has the skills, funding and policies to enable science and engineering thrive

We are a strong independent voice for science and engineering on:



Investment



Education & Skills



Evidence in Policymaking

ESTABLISHED IN 1986



SAVE BRITISH SCIENCE

Basic science has given us radio and television, plastics, computers, penicillin, X-rays, transistors and microchips, lasers, nuclear power, body-scanners, the genetic code, All modern technology is based on discoveries made by scientists seeking an understanding of how the world works, what it is made of and what forces shape its behaviour. Basic science is uncovering the secrets of life, gaining knowledge that defeats disease, inventing new materials, understanding the Earth and its environment, looking deeper into the nature of matter and reaching towards an understanding of the Universe.

Today's basic research enlarges our conceptions of the world and our place in it and underlies tomorrow's technology, the basis of future prosperity and employment.

Yet British science is in crisis: opportunities are missed, scientists emigrate, whole areas of research are in jeopardy. The Government's support for research is declining, falling further behind that of our main industrial competitors in Europe whose policy is to increase investment in scientific research.

There is no excuse: rescue requires a rise in expenditure of only about one percent of the Government's annual revenue from North Sea oil. We can and must afford basic research, Britain's investment for the future.

**ASK YOUR MEMBER OF PARLIAMENT
TO HELP SAVE BRITISH SCIENCE
BEFORE IT IS TOO LATE**

1500 scientists
have paid for this advertisement

For information write to:



BROAD MEMBERSHIP

100+

organisations including businesses, universities and colleges, professional bodies, trade unions, venture capital firms, and research charities

336,000

people employed collectively by our organisational members in the UK

£32bn

invested every year globally in R&D by our industry and charity members

500+

individual members, including career scientists, students and notable retirees

CURRENT ORGANISATIONAL MEMBERS

Companies

Aerospace Technology Institute
Airbus
AstraZeneca
GlaxoSmithKline
Fraunhofer Research UK
Huawei
Johnson & Johnson
Johnson Matthey
John Wiley & Sons Ltd
MSD
UK National Measurement Laboratory
NETPark (North East Technology Park)
PraxisAuril
Richmond Pharmacology
UCB
UK Innovation & Science Seed Fund

Learned and Professional Societies

Biochemical Society
BioIndustry Association
BMVA-British Machine Vision Association
British Ecological Society
British Pharmacological Society
British Society for Immunology
Chartered Institute of Ergonomics and Human Factors
Council of Professors and Heads of Computing
Engineering Professors Council
Epilepsy Society
Heads of Chemistry UK

Institute of Acoustics
Institute of Mathematics and its Applications
Institute of Physics
Institute of Physics and Engineering in Medicine
Institution of Chemical Engineers
Jisc
London Mathematical Society
Microbiology Society
National Farmers' Union
Prospect
Royal Astronomical Society
Royal Society of Biology
Royal Society of Chemistry
Royal Society of Edinburgh
Royal Statistical Society
Society for Applied Microbiology
Society for Experimental Biology
The Association of the British Pharmaceutical Industry
The British Psychological Society
The Genetics Society
The Geological Society
The Institution of Engineering & Technology
The Learned Society of Wales
The Physiological Society
UK Science Park Association
Zoological Society of London

Universities and Institutes

Anglia Ruskin University
Babraham Institute

Brunel University
Canterbury Christ Church University
Cardiff University
City University of London
The Francis Crick Institute
Glasgow Science Centre
Heriot-Watt University
Imperial College London
John Innes Centre
Kielder Observatory
King's College London
Kingston University
Lancaster University
London Metropolitan University
London School of Hygiene and Tropical Medicine
Loughborough University
Newcastle University
Northumbria University
Queen Mary, University of London
Queen's University, Belfast
Royal Holloway
Sheffield Hallam University
Swansea University
The Alan Turing Institute
The Open University
Ulster University
University College London
University of Aberdeen
University of Bath
University of Birmingham
University of Bradford

University of Bristol
University of Cambridge
University of Dundee
University of Edinburgh
University of Essex
University of Exeter
University of Glasgow
University of Kent
University of Leeds
University of Leicester
University of Liverpool
University of London
University of Manchester
University of Oxford
University of Plymouth
University of Sheffield
University of Southampton
University of South Wales
University of Strathclyde
University of Surrey
University of Sussex
University of Warwick
University of Westminster
Wellcome Trust Sanger Institute

Charities

Versus Arthritis
Association of Medical Research Charities
British Heart Foundation
Cancer Research UK
Wellcome Trust

RECENT ACHIEVEMENTS



Securing a significant increase in public funding for science and research



New report on how to maximise the local economic impact of R&D



Report on how to sustain political and public support for greater investment



Pushing UK government to renew its commitment to Horizon Europe



Securing changes in immigration policy to better attract global talent

RECENT POLICY REPORTS



THE POWER OF PLACE MAXIMISING LOCAL ECONOMIC IMPACTS OF R&D INVESTMENT IN THE UK

A REPORT BY THE CAMPAIGN FOR SCIENCE AND ENGINEERING

[The Power of Place](#)



THE NEXT DECADE OF R&D INVESTMENT

Science and innovation are essential to solving challenges facing Government and citizens. Concerted and coordinated action from Government is needed to capitalise on the UK's strength in research and development (R&D) to ensure the nation benefits from their potential.

The Government has set a target to increase the UK's research intensity by approximately a half over 10 years, increasing the amount invested in research across the economy from 1.7% to 2.4% of GDP, and 3% in the long-term. This welcome ambition is shared by political parties across Parliament. CaSE commend the Government for setting out a long-term ambition for increasing investment in R&D. It is in line with calls CaSE and others have made so that the UK can meet the economic, health, security and environmental challenges facing society.

Meeting this target will require ambitious and coordinated action from Government, nurturing a strong platform for R&D, and using all the levers available to amplify the benefits of R&D.

CaSE CALLS ON THE GOVERNMENT TO:

£ INCREASE PUBLIC R&D INVESTMENT

- Create a vision with a plan and budget that attracts cross-Government support and global R&D attention
- Sustain the unique breadth of the UK's academic science base
- Grow R&D capability by investing in infrastructure

📈 INCENTIVISE PRIVATE R&D INVESTMENT

- Package the UK's innovation offer simply and with appreciation of business needs
- Support start-ups
- Use the power of Government procurement to adopt innovation faster
- Update R&D tax credits to make the fiscal environment for R&D competitive

👤 INVEST IN PEOPLE AND SKILLS

- Grow the talent pool for R&D by widening diversity, training more researchers and attracting overseas talent
- Strengthen provision for careers guidance and education

[R&D Investment Report](#)

PUBLICFIRST

Advocating for R&D investment

Analysis of what works in campaigning and
advice for the R&D community

Part of the R&D Decade project
July 2020

[Advocating for R&D Investment](#)

HAVING POLITICAL IMPACT

Regular engagement with political contacts across England, Scotland, Wales and Northern Ireland

Meetings with UK Parliamentarians, Ministers, civil servants, and advisors over the last year. These include No. 10 Downing Street, the Science Minister, the Shadow Science Team, UKRI, HM Treasury, BEIS, Home Office, the Migration Advisory Committee, and the Government's University Research Taskforce.

Parliamentary reports and debates citing CaSE's evidence, analysis and recommendations.

PROMINENCE IN THE MEDIA

CaSE is the go-to destination for journalists and commentators looking to understand the UK science policy landscape

50 mentions in the media over the last year, including on BBC News, BBC Radio 4, The Daily Telegraph, The Times, and The Financial Times

"The government has set out a bold vision for UK science ...
But now is the time for it to put some substance to the plan"

*Dr Sarah Main
Executive Director
BBC News*

EVENTS

Providing insight and expertise

Events attended and organised by CaSE, including the Annual Lectures given by the Government Chief Scientist and the Chief Executive of UKRI

Keynote addresses and panel appearances at events including Conservative Party Conference, the UK Space Park Association Conference, and Parliamentary Links Day, among others



"Science and engineering are essential to our future, and CaSE does important work highlighting the benefits that the sector brings to society"

The Francis Crick Institute

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[@sciencecampaign.org.uk](https://twitter.com/sciencecampaign)

AMBITIONS FOR 2021



Working with our members to ensure that the entire science and engineering sector recovers from the impact of Covid-19, so that it can play a leading role in driving forward UK growth and prosperity.



Ensure the uplift in public funding for science and research is sustained, in line with the trajectory to reach an investment target of 2.4% of GDP in R&D by 2027.



Build a compelling case towards sustaining and growing public and political support for investment over the coming decade, in partnership with the Wellcome Trust.



Positively influence domestic and international skills policy to support and enhance efforts to raise the UK's research intensity.