

ANNUAL REVIEW 2016-17

With so much still to achieve, it is often easy to forget to look back and see how far we've come. This year CaSE celebrated its 30th anniversary, giving us the chance to remember the founding of the organisation as Save British Science. I was delighted to receive words of encouragement from some of the founders of the organisation, urging us onwards.



CaSE 30th anniversary event, Nov 2016, (L-R) CaSE Chair Prof Graeme Reid, Prof Brian Cox, Science Minister Jo Johnson MP, CaSE Board member Prof Jim Al-Khalili, & CaSE Executive Director Dr Sarah Main

Our 30th anniversary event focussed on the role of science and engineering in society over the next thirty years. It was a wonderful evening with contributions from leading figures across the sector and thought-provoking discussion.

The reverberations of the referendum on membership of the European Union have been felt throughout this year. Science has had a high profile in the positions Government has taken post-Brexit, with a step change in science funding announced at the Autumn Statement and prominence in the Brexit white paper. But there is a disconnect with feelings of scientists on the ground and considerable challenges to science ahead.

CaSE worked responsively with its members to develop initial positions after the referendum and has worked collaboratively through the year to develop a coherent vision for a thriving environment for science and engineering, setting out six priorities for the new government. Ahead of the election CaSE engaged with political parties and were pleased to see landmark commitments on R&D.

As the coming year unfolds, CaSE will use this vision as its touchstone to guide our advocacy and our response to new proposals. We believe that science and engineering can benefit us all in the UK, and we will be working to ensure the UK has an environment in which it can flourish.

Graeme Reid

Professor Graeme Reid
 Chair

Sarah Main

Dr Sarah Main
 Executive Director

HIGHLIGHTS

Celebrating 30 years of CaSE

The largest increase in research funding since Save British Science began

A successful campaign for a 3% of GDP target for R&D

Securing amendments to the HE & Research Bill and reversal of the anti-lobbying clause

A new 5-year CaSE strategy



VISION

Our mission is to ensure the UK has the skills, funding & policies to enable science and engineering to thrive

To coincide with the 2017 General Election, CaSE published its vision calling on the new Government to use its levers to cultivate an environment in which science and engineering will thrive. We have set out six priority areas and specific actions for the government:

1**Education**

Equip providers to deliver high-quality STEM education and training that is open to all

2**Immigration**

Create a migration system that supports mobility for excellence, skills, education and collaboration

3**Collaboration**

Grow the UK's leadership and collaboration in research & innovation internationally

4**Investment**

Invest at level and in such a way as to enhance the UK's research & innovation environment

5**Regulation**

Deliver a stable regulatory environment that facilitates trade, access to markets, and innovation

6**Evidence**

Champion the use of evidence and science advice in all government decisions, documents and messaging



BREXIT

The CaSE member workshop in July 2016, following the EU referendum result, provided a firm foundation to our advocacy on Brexit. CaSE was invited to become a member of the Government's high-level stakeholder working group on EU Exit, universities, research and innovation. The group meets monthly and is chaired by the Science Minister. CaSE's Chair and Executive Director have attended these forums, representing our members' interests.

CaSE attended roundtable meetings with the Labour Shadow Brexit team, and with the Minister for Exiting the EU, the latter being organised by CaSE member the Zoological Society of London. CaSE's evidence was widely cited by the House of Commons and House of Lords Science & Technology Committee reports on Brexit.



IMMIGRATION

CaSE has been working closely with the business and research sectors to develop principles for a successful immigration system, and a quote from CaSE's evidence submission calling for certainty for EU nationals featured in a House of Commons Education Select Committee report.

CaSE convened a roundtable, hosted by the Institution of Chemical Engineers, bringing together members with BEIS officials working on immigration. The discussion was an opportunity to inform the department's immigration priorities. Meanwhile CaSE wrote to the Prime Minister, warning that the mutually beneficial ties between the UK and USA scientific communities could be eroded by a restrictive approach to migration.

"I do not know of another pressure group of their size that has earned the access and credibility CaSE holds with decision makers in the Home Office"

Ian Robinson, Partner
Fragomen LLP



INVESTMENT

With the urgency of Brexit and the opportunity of the industrial strategy, CaSE **led a coordinated call** from the sector for government to commit to a long-term target for R&D spending to reach 3% of GDP by 2025. **CaSE welcomed** the Chancellor's announcement in the Autumn statement of new R&D investment, worth £2bn per year by 2020 - the biggest increase to R&D funding since 1979.

Ahead of the 2017 General Election, CaSE **wrote to the leaders** of all political parties inviting them to set out their policies on science and engineering. Our call for ambitious long-term investment was heard and the Conservative, Labour and Liberal Democrat manifestos each made significant R&D investment commitments.

The new Conservative Government confirmed its intention to meet its target of spending 2.4% of GDP on R&D by 2027, with a longer-term ambition of 3%. CaSE updated its R&D investment factsheet, to include the scale of combined public and private investment that will be needed to reach the target.



Figures are in billions and % refer to R&D as a percentage of GDP. 2015 baseline is taken from latest ONS GERD (Gross expenditure on R&D) figures, from which CaSE has calculated future spend.

UK RESEARCH & INNOVATION

CaSE arranged a roundtable event between CaSE members and the interim Chair of UKRI, Sir John Kingman, to discuss how to ensure UKRI's governance and leadership will contribute to the success of research and innovation in the UK. CaSE was also quoted in the Commons Science & Technology Committee report on the setting-up of UKRI.

HIGHER EDUCATION AND RESEARCH BILL

In July 2016, CaSE convened a workshop on the Bill to establish areas for amendment. CaSE secured key amendments after meeting with Bill committee members, Peers and officials. These include: post-graduate skills in the core functions of UKRI, knowledge exchange in RE functions, and amending governance structures in UKRI to make them more accountable.

RESEARCH AND INNOVATION IN WALES

CaSE Chair, Professor Graeme Reid, was asked by the Welsh Government to lead a review of Government-funded research and innovation in Wales. Publication is expected in 2018.



PRIORITIES FOR THE INDUSTRIAL STRATEGY

CaSE consulted widely with members to understand their priorities for the industrial strategy. CaSE provided written and oral evidence to the BEIS Select Committee inquiry, and was quoted several times in their report.

CaSE contributed to a high-level roundtable at BEIS with senior officials and political advisors leading on the strategy, and submitted evidence to the Government's consultation on its green paper, Building our Industrial Strategy.



EVIDENCE IN POLICYMAKING

CaSE policy fellow Dr Anusha Panjwani, sponsored by University College London, worked on a nine month project culminating in the publication of the CaSE report 'Improving the use of evidence in UK government policymaking'. It was launched at a panel event with the Chair of the Commons Science & Technology Committee, kindly hosted by CaSE member Prospect, and made 14 recommendations.

An urgent recommendation is for the Department for Exiting the EU to establish robust science advice structures to help inform Brexit decisions. The report has been sent to all MPs, selected Peers and officials following the election and will underpin our advocacy in the year ahead.

"Your active and measured involvement with us [...] was hugely helpful and a key part of helping us to land this safely for the scientific community"

Cabinet Office official, 2016

PURDAH GUIDELINES

During the 2017 election, CaSE sought to highlight concerns that the purdah guidelines were being interpreted and disseminated to researchers in a more restrictive way than in previous elections. CaSE worked closely with others in the sector, as well as using our own relationships within government, to seek clarification, and has been invited to help improve government guidelines ahead of the next Purdah period.

"Working with CaSE showed how knowledgeable they are about issues that confront both government and the scientific community and how creative and effective they are at improving communication and policymaking as a result"

Professor Andy Westwood
University of Manchester
& former Special
Advisor

#caseforevidence

ANTI-LOBBYING CLAUSE

The Cabinet Office announced new standards in government grants that marked the end of the controversial anti-lobbying clause proposed last year, which had raised widespread concern over 'gagging' of scientists and researchers. CaSE welcomed the announcement, having worked hard to protect research from the implications of the clause.

EXPANDING THE REACH AND IMPACT OF OUR WORK



including:

- The first lecture by the new Scottish Chief Scientific Advisor, Prof Sheila Rowan, organised with CaSE member the Royal Society of Edinburgh
- 'Science and Stormont' in Northern Ireland
- Member events on the HE & Research Bill, UKRI, immigration, evidence and Brexit



including:

- Vision & priorities for the new government
- Evidence in policy-making report & briefing note
- Industrial Strategy responses
- CaSE 5 year strategy
- Commons Home Affairs Select Committee immigration response
- Briefings for media & Parliamentarians on HE & Research Bill

7
party leaders responded to our letters during the 2017 election



WEBSITE AND SOCIAL MEDIA



Twitter followers in 2017
Up from 22k in 2014

Visit our website for all our reports, briefings, analysis and more

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

CASE IN THE MEDIA



including

- BBC News at One
- BBC Radio 4
- The Times
- The Guardian
- BuzzFeed
- The Economist
- Chinese State TV

"What the Tory manifesto means for British science"

l-News, 30th May 2017

"UK scientists excited by surprise £2-billion government windfall"

Nature, 23rd Nov 2016

MEMBERSHIP

ORGANISATIONAL MEMBERSHIP

CaSE's organisational members allow us to engage independently with government, through their funding; and enrich our voice, helping us speak authoritatively for the breadth of the sector.



Regular Director's Updates sharing intelligence, insight and opportunities to engage



One-on-one meetings with CaSE to have your voice heard



Exclusive roundtable events with Parliamentarians, officials and the wider sector



Priority booking for CaSE events

We are delighted to welcome the following new members over the past year:



ORGANISATIONAL MEMBERS

Companies

Airbus
AstraZeneca
BASF
Boeing UK
Electroimpact
Facebook UK
GlaxoSmithKline
Google
Johnson Matthey
John Wiley & Sons Ltd
NETPark (North East Technology Park)
Rolls-Royce

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
Experimental Psychology Society
Heads of Chemistry UK
Institute of Acoustics
Institute of Physics
Institute of Physics and Engineering in Medicine
Institution of Chemical Engineers
The Institution of Mathematics and its Applications
Institution of Mechanical Engineers
London Mathematical Society
Microbiology Society
National Farmers' Union
Prospect
Royal Astronomical Society

Royal Pharmaceutical 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 British Psychological Society
The Genetics Society
The Geological Society
The Institution of Engineering & Technology
The Institution of Environmental Sciences
The Learned Society of Wales
The Physiological Society
The UK Deans of Science
Zoological Society of London

Universities and Institutes

Babraham Institute
Brunel University
Canterbury Christ Church University
Cardiff University
City and Islington College
City, University of London
Durham University
Heriot-Watt University
Imperial College London
John Innes Centre
King's College London
Kingston University
Lancaster University
London Metropolitan University
London School of Hygiene and Tropical Medicine
Loughborough University
Northumbria University
Plymouth University
Queen Mary, University of London

Queen's University, Belfast
Royal Holloway
Sheffield Hallam University
Swansea University
The Open 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 Kent
University of Leicester
University of Liverpool
University of Manchester
University of Nottingham
University of Oxford
University of Sheffield
University of Southampton
University of Strathclyde
University of Surrey
University of Warwick
University of Westminster

Charities

Arthritis Research UK
Association of Medical Research Charities
BRE Trust
British Heart Foundation
Cancer Research UK
Wellcome Trust Sanger Institute
Wellcome Trust

INDIVIDUAL MEMBERSHIP

CaSE was founded 30 years ago when a group of concerned individuals joined together in a call to Government to 'Save British Science'. The landscape for science and engineering in the UK may have changed drastically over the decades but the need for a united voice still remains and our individual members are crucial to continuing that. Thank you to all our individual members for supporting our campaign to ensure the UK has an environment in which science and engineering can thrive.

TESTIMONIALS

"The British Pharmacological Society has been a dedicated member of CaSE for a number of years, and the value of its work has never been clearer. After the UK's decision to exit the European Union, and as negotiations begin over the nature of that departure, there will inevitably be uncertainty over the future of the UK's world-class scientific research. It is essential now that the science and engineering communities come together to provide unified, evidence-based and pragmatic contributions to the debate on the future of research, and CaSE is particularly well placed to do this"

Jonathan Bruun
Chief Executive, British Pharmacological Society

"The clarity and data-driven nature of CaSE's work allows me to quickly and confidently review their positions on key issues that impact UK science and engineering. At a time of much change in science policy globally, this trust in their work allows me to judge when we need to support their work by providing data or an industry perspective, or when we can focus on other issues happy in the knowledge that CaSE are a strong advocate for UK science and engineering"

Rob Frost
Head, R&D Policy & Scientific Affairs, GlaxoSmithKline

"CaSE's advocacy work is very important; it is important that it is seen to speak for a large constituency, and a large membership is the simplest way to achieve that. Being a member keeps me informed about what CaSE is doing, and we the members can contribute information and opinions to strengthen upcoming campaigns"

Professor Peter Henderson
CaSE individual member

To discuss membership please contact Anna Dil at membership@sciencecampaign.org.uk

COMING UP

- Discussion event for organisational members with UKRI CEO, Prof Sir Mark Walport, in the Autumn
- Panel event with Cardiff University and the Learned Society of Wales, on what role research and innovation can play in providing opportunities for people in Wales to gain skills
- The 2017 Annual Lecture on 'Britain's place in the world'
- A series of policy opinion forums to inform our work on Brexit, immigration and more

Further details on all these events will be sent to members nearer the time.

'SHAPING THE FUTURE OF SCIENCE' - OUR 30TH ANNIVERSARY

November 2016 saw CaSE celebrate its 30th anniversary with 'Shaping the Future of Science', looking ahead to the next 30 years of science and engineering. The event, hosted by the University of London, included the Universities & Science Minister, Jo Johnson, in conversation with Professor Brian Cox in front of a sell-out audience of 400. As part of our anniversary CaSE published '30for30'; a series of thirty guest articles on the role of science and engineering in shaping our future from research and industry leaders, politicians, teachers, young innovators and more.

FIVE-YEAR STRATEGY

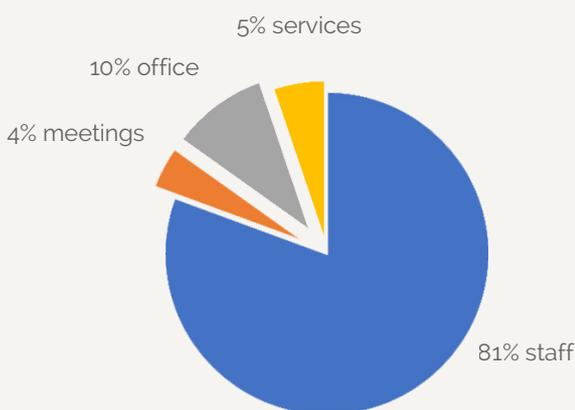
This year CaSE developed a new five-year strategy, steered by our board of trustees and included consultation with members and stakeholders. It will help to guide and shape our future activity and decisions. Our mission is to ensure the UK has the skills, funding and policies to enable science and engineering to thrive.



CaSE staff, July 2017, (L-R) Dr Sarah Main (Director), Rachel Day (Office Manager), James Tooze (Policy Officer), Naomi Weir (Deputy Director), & Nick Hall (Communications Manager).

OUR FINANCES

CaSE is a lean organisation which operates with six members of staff and provides exceptional value for money for members. Our income was £292,000 and our expenditure was £271,000.



CaSE expenditure for 2016/17 - £271,000

STAFFING

Rachel Day joined CaSE as Office Manager, and Anna Dil joins in August as Membership Manager. James Tooze is our new Policy Officer, jointly-funded by 12 organisational members for 2 years, to increase policy capacity during the Brexit process.

Policy Fellow Dr Anusha Panjwani worked at CaSE for 9 months, producing our evidence in policymaking report. Sharleni Inbanathan has moved on as Membership Manager, and Naomi Clarke, Gerard Westhoff and Tom Denbigh all worked as CaSE interns. We thank them and wish them all well.