



"Every science minister...has come to learn that he or she had better pay careful attention to what CaSE has to say"

The Rt Hon Hilary Benn MP, Chair of the House of Commons Exiting the European Union Select Committee

2017-18 ANNUAL REVIEW

HIGHLIGHTS

- Successful campaign to amend visa cap on skilled workers
- Government commitment on R&D investment to reach 2.4% of GDP by 2027
- Policy briefings published on Brexit, immigration and diversity
- CaSE Annual Lecture by the Chair of the Exiting the EU Select Committee
- 11 new organisational members from across business, research, and academia
- Over 230 meetings with members, media, politicians, officials, and the sector

It has been a year of wonderful moments for CaSE, from a sell-out Annual Lecture on the role of science in the future of the UK by the Chair of the Exiting the EU Select Committee, Hilary Benn; to securing changes to visa policy announced by the Home Secretary, Sajid Javid.

In a year characterised by uncertainty, CaSE redoubled its efforts to be a strong, well-evidenced, independent voice for science and engineering. CaSE was a sustained and trusted presence in policy-making, both in public and private fora, earning it the ability to inform and shape thinking on policy issues on the national agenda as they were being developed. We are indebted to CaSE's member organisations who have contributed their insights to our policy work so generously this year.

CaSE's mission is to ensure the UK has the skills, funding and policies to enable science and engineering to thrive. We are proud to have made substantive progress on all fronts this year, from the Government commitment to reach R&D investment of 2.4% of GDP, to changing a policy that was preventing thousands of STEM-skilled overseas workers taking up UK positions, to being a voice for the breadth of science and engineering in the Brexit negotiations.

These achievements were made possible by the support we receive from a growing number of members and partners. Thank you for your support.

Professor Graeme Reid
Chair

Dr Sarah Main
Executive Director

SUCCESSSES



SECURING IMMIGRATION POLICY CHANGE

After a campaign led by CaSE, the Home Secretary announced a change to visa policy, exempting doctors and nurses from the Tier 2 visa cap. The exemption will free up places within the cap for other vital roles, ending the thousands of visa refusals for engineers, teachers, tech and IT specialists. This success is a major win and the result of sustained and coordinated pressure from CaSE.

In March, after months of refusals, our immigration policy review made the case for change. CaSE then gave evidence to the Science and Technology Select Committee and wrote to the Prime Minister supported by over 45 organisations calling for policy change to end the visa refusals.

In May, after successive refusals to provide the data in response to parliamentary questions, CaSE obtained and published FOI figures from the Home Office detailing the scale of the problem for the first time. Over 6,000 applications were refused due to the cap between December and March with over half (3,500) in science, engineering, tech and medical roles.

This raised the profile of the issue attracting substantial media coverage and support from across political parties and sectors affected by the cap. The release coincided with Dr Sarah Main giving evidence to the Exiting the EU Select Committee where she raised these issues in Parliament.

100

mentions in the media

including BBC News, Today Programme, Newsnight, Evening Standard, City AM, Financial Times, and media from the US, India and China

'A big thanks to @sciencecampaign for exposing the Home Office & getting them to act'

Liberal Democrat MP Layla Moran

'Why London needs skilled immigrants'

Evening Standard editorial on CaSE's Tier 2 visa cap story, May 2018

Our Immigration Policy Review sets out what science and engineering needs from the immigration system and makes a series of recommendations to rebuild confidence in the short term and create a streamlined system in the long term. Following substantial work with the sector, the Home Office also announced a new Tier 5 (Science, Research and Academia) visa, in line with a specific call in our 2016 immigration report, making it easier for research organisations to bring in international researchers for up to 2 years.



EMBEDDING EVIDENCE IN GOVERNMENT POLICYMAKING

The Government took forward recommendations from our 2017 report on improving the use of evidence in policymaking, appointing Chief Scientific Advisors (CSAs) in the Departments for Exiting the EU and International Trade (DIT). Additionally, CaSE had productive meetings with CSAs for the Department for Business, Energy and Industrial Strategy (BEIS), DIT and the Welsh Government as well as working closely with the National Audit Office and the Public Accounts Committee on issues relating to use of evidence in evaluation, procurement and funding decisions.



PROMOTING DIVERSITY AND INCLUSION

CaSE published a diversity policy review in February, making two key recommendations:

A careers strategy that means business

Embed diversity and inclusion through a joined-up national careers strategy and do more to encourage flexible working practices and career pathways.

Decisive action on diversity data

Government should lead the way with national statistics and coordinate central analysis and monitoring to understand causes of under-representation, ensuring evidence can inform action taken by Government and other organisations.

CaSE met with the Department for Education, UKRI, BEIS and Parliamentarians to discuss the report's findings. MPs across parties asked Parliamentary Questions and CaSE presented the reports's conclusions at the All Party Parliamentary Group on Diversity and Inclusion in STEM.

Other achievements include successful campaigning to redress the all-male makeup of the House of Commons Science and Technology Committee and CaSE's Deputy Director being an ambassador for Innovate UK's InFocus Women in Innovation campaign.



BOOSTING INVESTMENT IN SCIENCE AND RESEARCH

In 2017, CaSE led a coordinated call for R&D investment to reach 3% of GDP over 10 years. A year on, the Conservative manifesto commitment for R&D investment to reach 2.4% of GDP by 2027 and 3% in the long term has been enshrined in Government policy as part of the industrial strategy.

Ahead of the 2017 autumn budget, CaSE called on Government to set an interim milestone to increase public investment in R&D to 0.7% of GDP by 2022. The Government then announced an additional year of R&D investment in 2021/22, continuing the upward trajectory of the four year £4.7bn fund announced in 2016, and aligning closely with CaSE's 0.7% target.

CaSE worked closely with government officials and convened a roundtable in April with HM Treasury, BEIS and CaSE members to inform their plans to reach 2.4%, kindly hosted by Boeing.

CaSE also hosted Sir Mark Walport, the Chief Executive of UK Research and Innovation, for a workshop in September with CaSE members where he set out his vision for the role of UKRI. The event was kindly hosted by Digital Science.

MEETINGS AND EVENTS

230 one-on-one meetings with members, politicians, the media and the sector

130 events organised and attended, including CaSE policy roundtables with members on investment, immigration, Brexit and UKRI

PUTTING SCIENCE AND ENGINEERING AT THE HEART OF OUR FUTURE RELATIONSHIP WITH THE EU

To mark the anniversary of the triggering of article 50 in March, CaSE published a Brexit report with policy asks on people, funding and regulation, under two headings:

◆ **Secure an ambitious agreement on research and innovation with the EU**

◆ **Coordinate Government efforts to unleash UK science and engineering potential**

The recommendations include securing full UK participation in Framework Programme 9, reciprocal frictionless movement for science and engineering professionals, prioritising stability and harmonisation of regulation, and creating a cross-government international research and innovation strategy.

CaSE is ensuring that these asks are being heard at all levels of Government. CaSE gave evidence to the House of Commons Exiting the European Union Select Committee and took part in the Science and Technology Committee's Brexit Summit. CaSE continues to have a seat on the Science Minister's forum on EU Exit, as well as having meetings with officials in relevant departments. On regulation, CaSE supported other science and medical research groups to call for alignment with EU Clinical Trials Regulation.

CaSE secured high-profile media coverage, including appearing on BBC Breakfast, BBC News at One, and BBC Newsnight to discuss the continued importance of UK-EU scientific collaboration.



(L-R) Hilary Benn MP, Chair of the Commons Exiting the EU Committee and Dr Sarah Main, CaSE Annual Lecture 2017

In November the Chair of the Exiting the European Union Select Committee, the Rt Hon Hilary Benn MP, gave the CaSE Annual Lecture 2017 on 'Britain's Place in the World' to over 200 invited guests, as well as those watching via live-stream and on social media. The event was kindly hosted by The Institution of Engineering and Technology, and sponsored by Elsevier and Fragomen.

'Here's how we can be a science superpower outside of the EU'

CaSE Director Dr Sarah Main's article in The Telegraph, March 2018

'@drsarahmain - greatly enjoyed working with you and the team'

Jo Johnson MP, Former Universities and Science Minister, January 2018



(L-R) Chi Onwurah MP, Labour Shadow Minister for Industrial Strategy meeting with Dr Sarah Main

14

Parliamentary reports citing
CaSE's evidence, analysis and
recommendations

53

Meetings with Parliamentarians,
Ministers, civil servants, and advisors

CAMPAIGNING ACROSS THE UK

WALES

In February, CaSE held a roundtable discussion in Cardiff with the Chief Executive of Innovate UK, Ruth McKernan, and leaders of the innovation community on how to advance Wales' research and innovation ecosystem. That evening, Dr McKernan gave a lecture to over 100 guests on 'New Strategies for Backing the UK's Innovators', held jointly by CaSE, the Learned Society of Wales and Cardiff University.



(L-R) Dr Ruth McKernan CBE, Chief Executive, Innovate UK, and Dr Sarah Main, CaSE

2018 saw the launch of the Reid Review of Government Funded Research and Innovation in Wales, commissioned by the Welsh Government and led by the Chair of CaSE, Professor Graeme Reid. The review's Advisory Panel included CaSE Executive Director Dr Sarah Main, as well as representatives from our organisational members. Professor Reid and Dr Main met with Welsh Ministers to put forward the review's recommendations. Dr Main drew on all the insight from CaSE's activity in Wales for her keynote talk at the Science and the Welsh Assembly event in May.

NORTHERN IRELAND

CaSE worked with organisational members to protect funding for PhD training in Northern Ireland in the face of potential cuts to the Higher Education budget. CaSE wrote to the Permanent Secretary of the Department for the Economy, making the case for a robust PhD funding system to support a sustainable and resilient environment for research and innovation in Northern Ireland.

SCOTLAND

CaSE took part in Science and the Parliament in Edinburgh, and met with Scottish members, to better understand the priorities and concerns of the science and engineering sectors in Scotland.

WEBSITE AND SOCIAL MEDIA

85k

website visitors

42k

Twitter followers

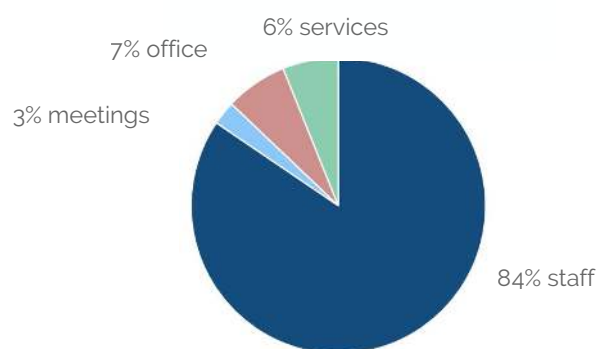
"The voice of CaSE brings a clarity to the voice of the science and engineering community, ensuring our needs are articulated to government. This advocacy is essential in helping the UK maintain a strong base for our future, and has been particularly useful in supporting our need for a strong research base and talent pipeline, and exemplified by the CaSE campaigns for Tiers 2 visas and increased R&D spend."

**Professor Mark Price, Pro-Vice Chancellor,
Queen's University Belfast**

BUILDING RESILIENCE

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 £296,000 and our expenditure was £273,000.



CaSE expenditure for 2017/18

STAFFING



CaSE staff, Nov 2017, (L-R) James Tooze, Dr Sarah Main, Rachel Day, Anna DiI, Naomi Weir, Nick Hall, and Lizzie Dellar

Our thanks to Policy Intern Lizzie Dellar who worked at CaSE for 3 months producing our diversity and inclusion policy review.

BOARD OF DIRECTORS AND ADVISORY COUNCIL

CaSE has welcomed Nicola Blackwood, Jeremy Clayton, Rosemary Cook, and Helen Swift to the Board. Standing down from the Board were Aisling Burnand, Professor Tom Crick, Becky Purvis, and Dr Chris Tyler, whose terms have all expired. We thank them for all their hard work and support over the years. The full Board of Directors is now as follows:

Professor Jim Al-Khalili
Nicola Blackwood
Nida Broughton
Jeremy Clayton
Rosemark Cook

Professor Stephen Curry
Simon Jennings
Dr Hannah Kerr (Deputy Chair)
James Lawford Davies
Conor McKechnie

John Misselbrook (Treasurer)
Professor Graeme Reid (Chair)
Dr Emily Shuckburgh
Dr Bob Sorrell
Helen Swift

CaSE is also pleased to announce the refresh of its Advisory Council, with new members joining the Council alongside those rejoining the new body. For the full list of our Advisory Council members please go to: www.sciencecampaign.org.uk/about-us/case-team.html

JOINT FUNDED POLICY OFFICER

One year in, our thanks to the 12 organisational members supporting our policy capacity during Brexit by funding a CaSE Policy Officer and associated activities for just under two years.

COMING UP IN 2018/19

- Programme of work on R&D investment to influence the 2018 Budget and Spending Review
- The 2018 CaSE Annual Lecture on the role of Government in the future success of AI
- Joint policy event with the Royal Society of Edinburgh in Scotland

Further details will be advertised nearer the time. Sign up for CaSE's regular email updates to stay up to date with all these activities by contacting: info@sciencecampaign.org.uk

MEMBERSHIP

GROWING OUR MEMBERSHIP

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



As a member of CaSE you are part of a dedicated organisation that works to ensure the UK has the skills, funding and policies to enable science and engineering to thrive. Organisational member benefits include:

- Regular updates sharing intelligence, insight and the latest in policy developments
- Opportunity to support and shape our work through one-to-one meetings with CaSE
- Access to exclusive roundtable events with Parliamentarians, officials and the wider sector

"We value CaSE's consistent championing of the science and engineering sector, based on a clear-headed and evidence-based approach to the value and contribution of the sector. It is extremely important to have an advocacy body of this quality, one that can take a long-term view and one that represents its members fairly and robustly."

**Catherine Johns, Innovation and Business
Growth Director, Business Durham**

"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."

**Steve Bates OBE, Chief Executive,
UK BioIndustry Association**

INDIVIDUAL MEMBERS

CaSE has proudly represented the interests of UK scientists and engineers for over 30 years. We would like to thank all of our individual members for their generous support over the past year, allowing us to retain our independence and continue our campaign for a thriving science and engineering environment in the UK.

Your support is crucial as CaSE continues to grow and tackle issues of concern facing the sector. We are now offering more ways for our members help our campaign, through Premium Membership, one-off donations and legacy gifts. To find out more about the ways to get involved, please do get in touch.

To discuss membership or giving please contact Anna Dil: membership@sciencecampaign.org.uk

ORGANISATIONAL MEMBERS

110

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

380,000

people employed collectively by our members in the UK

£43 bn

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

Companies

Airbus
AstraZeneca
BASF
Boeing UK
Empiribox
Facebook UK
GlaxoSmithKline
Google
Johnson Matthey
John Wiley & Sons Ltd
NETPark (North East Technology Park)
Roche
UCB
UK Innovation & Science Seed Fund

Learned and Professional Societies

The Association of the British
Pharmaceutical Industry
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
The Epilepsy Society
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
Jisc
London Mathematical Society

Microbiology Society
National Farmers' Union
Prospect
Royal Astronomical Society
Royal Pharmaceutical Society
Royal Society of Biology
Royal Society of Chemistry
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
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 Kent
University of Leicester
University of Liverpool
University of London
University of Manchester
University of Nottingham
University of Oxford
University of Sheffield
University of Southampton
University of South Wales
University of Strathclyde
University of Surrey
University of Warwick
University of Westminster
University of York

Charities

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

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Charity number: 1147492

Company number: 7807252