



Annual Review

Campaign for
Science &
Engineering
in the UK



CaSE's Activities: an overview

July 2010 to June 2011

The year 2010-2011 was one of tough challenges and notable successes for CaSE. Under our new Director, Imran Khan, CaSE has gained yet more prominence in the field of science and engineering policy. This review outlines progress towards our strategic objectives, as set out in our five-year strategy 2009-2014.

Setting the Science and Engineering Policy Agenda

Many of our achievements are thanks to a year of increased and rewarding collaboration with the wider science, technology, engineering and maths (STEM) community. From the Spending Review to the devolved elections, and from the non-EU migrant cap to reinforcing scientific advice in government, collaboration has been at the heart of CaSE's work.

Building Strong Political Networks

Our election work in the devolved nations follows the successful blueprint from the 2010 general election, allowing us to foster strong links with politicians and collaborators in Holyrood, Cardiff, and Stormont. These relationships stand alongside those we have already cemented in Westminster and Whitehall.

Provide a Resource on Science and Engineering Policy

This year CaSE has expanded its profile and presence, from the floor of the House of Commons to the *Wall Street Journal*, from BBC2's *Newsnight* to the Green Party conference. We provide a crucial resource for politicians and journalists, and produced an authoritative policy report "*Science, Engineering, and the Devolved Nations 2011*".

Developed a Broad and Engaged Membership

CaSE has seen a substantial increase in new members this year, with organisations recognising CaSE's achievements and looking to actively contribute. The *Science is Vital* campaign during the Spending Review period, illustrates the activism and support that is to be found at all levels of the community.

We endeavour to build on our successes and relationships as described in this review to achieve the best possible policies for science and engineering over the coming years. We thank you for your ongoing support and input which enables this to happen.



CaSE Director Imran Khan addresses campaigners outside HM Treasury as part of the 'Science is Vital' rally, October 2011.

Year At A Glance

- **33,000 signatures on the 'Science is Vital' petition delivered to Downing St**
- **2,000 campaigners rallied outside HM Treasury**
- **£4.6 billion Science Budget secured in the Spending Review**
- **Party commitments from 12 of the 14 leaders in the devolved nations**
- **Secured equivalent of a £50,000-salary points bonus for scientist and engineer immigrants under new visa regulations**
- **Departmental Chief Scientific Adviser appointed at HM Treasury**
- **STEM Disability Committee created**
- **50 meetings with politicians and civil servants across the UK**
- **CaSE grew from 83 to 97 Organisational Members**
- **63 mentions in broadsheet newspapers and the BBC, and hundreds more elsewhere**
- **3,300 followers on Twitter**

Professor Hugh Griffiths FEng
Chairman

Imran Khan
Director

Set the Science and Engineering Policy Agenda

Spending Review

In 2010, CaSE helped secure a freezing of the Science Budget and protection of the 'ring fence' around it. We:

- Lobbied Ministers, politicians, and civil servants on the need to fund research in order to promote growth.
- Co-organised the grassroots *Science is Vital* campaign, including a 33,000 signature petition to Downing Street and 2,000-strong rally outside HM Treasury.
- Maintained a high media profile for science and engineering, including a press briefing event with seven of the UK's leading University Vice-Chancellors, organised with the Science Media Centre.
- Worked with the rest of the science and engineering community to agree a coherent message.
- CaSE now continues to campaign on a number of outstanding funding issues, including capital expenditure and departmental research budgets.

Devolved Nations

CaSE made science and engineering an election issue in the 2011 devolved elections. We:

- Produced a policy report, "*Science, Engineering and the Devolved Nations 2011*", setting out key comparisons, analysis, and recommendations.
- Wrote to the party leaders in advance of the election asking them to set out their science and engineering policies and published the twelve responses we received.
- Compiled manifesto commitments and other resources.
- Fostered new and improved links with politicians and collaborators in the nations.

Migrant Cap

- CaSE sounded the alarm over the Government's 'migrant cap' for workers and students from outside the EU. Following discussions with Ministers, officials, and collaborators CaSE secured significant concessions for applicants with science and engineering qualifications.

Education Reforms

- CaSE held discussions with Ministers and civil servants to ensure that the Government's education reforms protect and enhance the teaching of science and mathematics in all schools.
- CaSE raised concerns over the Government's Higher Education reforms, and their effects on students and university departments.

The CaSE Annual Lecture 2011 was given by the shadow Business Secretary John Denham (Right), in which he set out the need for decade-long planning for science and engineering, alongside CaSE Director Imran Khan (Centre) and Chair of the CaSE Executive Committee, Professor Hugh Griffiths (Left), hosted by the Royal Institution, March 2011.

Build Strong Political Networks

- CaSE assisted parliamentarians in drafting parliamentary questions and speeches, and was mentioned in debates on issues including education statistics, Regional Development Agencies, Chief and Departmental Scientific Advisers, immigration, and research funding.

Westminster and Whitehall

- Met with the Science Minister and his advisors, as well as the Labour Shadow Business Secretary, Shadow Science Minister and Shadow Innovation Minister.
- Published the Labour Leadership candidates' responses to a CaSE letter, including Ed Miliband's, in which they set out their policies for science and engineering.
- Met with the Government Chief Scientific Advisor and senior civil servants at HM Treasury, the Department for Education, UK Border Agency, the Home Office, and the Department for Business, Innovation and Skills (BIS).
- Met eleven MPs with an interest or background in STEM, inviting them to engage with the issues.

Devolved Nations

- Wrote to politicians and party leaders before and after the 2011 elections, inviting them to engage with science and engineering issues in their nation.
- Met with political leaders across the nations, as well as holding discussions with the Chief Scientific Advisers for Scotland and Wales.

Inquiries and Consultations

- Gave written evidence to the House of Commons and House of Lords Science and Technology (S&T) Committee inquiries into the spending review, science budget allocations, advice and evidence in emergencies, public procurement for innovation, and practical experiments in schools.
- Met with the current and former Chairs of the House of Commons S&T Committee, and staff from the Public Affairs Committee, and House of Lords S&T Committee.
- Responded to the Home Office and Migration Advisory Committee inquiries into migration, and the Public Affairs Committee inquiry into quangos.



Provide a Resource on Science and Engineering Policy

Reports and Briefings

- *Science, Engineering and the Devolved Nations 2011*
- Science budget allocations and research funding
- Budget 2011
- Cap on non-EU migrants
- Scientific advice in government
- Devolved party policy commitments

Commenting in the media

- The Director or Assistant Director commented on policy developments in all major UK broadsheet newspapers as well as *Science*, *BBC News website*, *Nature*, *New Scientist*, *Times Higher Education*, *Times Educational Supplement*, *the Scottish Herald*, *the Scotsman*, *Research Fortnight*, *the Wall Street Journal*, *Prospect*.
- CaSE's Director was interviewed on *BBC Newsnight* regarding science funding and on *BBC Radio 4's Material World* on scientific advice to government. CaSE's Assistant Director was interviewed about GCSE results on the *BBC Radio 4's World At One* programme.
- CaSE wrote articles for the *BBC News website*, *The Times*, *The Guardian*, *New Scientist*, *People and Science*, *Lab News*, *Engineering & Technology*, and *Imperial College Union newspaper*.
- CaSE had letters published in *Times Higher Education* and *The Times* on the spending review, R&D investment and the migration cap, the last of which featured on *The Times* front page (see picture below).
- CaSE's work was recognised by the Immigration Minister on the *BBC Today* programme. CaSE's Director interviewed the Chair of the House of Commons S&T Committee and was featured in *The Times*' 'Eureka' list of the ten most important young people in British science.
- CaSE's Director and Assistant Director gave many addresses, including at the Science Online Conference, Naturejobs Career Expo, Parliamentary Links Day, Wiley Blackwell Policy Seminar, and British Science Association Science Communication Conference 2011.

Outputs

- **CaSE News.** The quarterly CaSE News covers news and comment on key developments in policy.
- **CaSE Website.** CaSE has re-designed and merged its website and blog, to help us to communicate more effectively: www.sciencecampaign.org.uk.
- **CaSE e-bulletin.** The number of subscribers to our monthly email update has risen to nearly 2,000. You can sign up here: <http://tinyurl.com/casebulletin>.
- **Twitter.** Our Twitter followers have doubled since September 2010 to 3,357 and climbing. Follow us at: www.twitter.com/sciencecampaign.

Develop a Broad and Engaged Membership

Shaping our policy agenda

Our policy responses during the year have been shaped by conversations with our members and we look forward to reinforcing these relationships. A thoroughly engaged and diverse membership will ensure that we continue to receive the best inputs into our policy work.

Broad membership

CaSE welcomed 14 new organisational members this year:

- | | |
|--|---------------------------------------|
| ■ Society for Applied Microbiology | ■ The Geological Society |
| ■ ARM Holdings | ■ The John Innes Centre |
| ■ British Machine Vision Association and Society for Pattern Recognition | ■ Loughborough University |
| ■ British Medical Journal | ■ The Open University |
| ■ Electroimpact | ■ Oxford Instruments |
| ■ The Field Studies Council | ■ University of Plymouth |
| | ■ Prospect the Union |
| | ■ UK Resource Centre for Women in SET |

CaSE will continue to engage with new organisations that want to ensure that the UK is an internationally competitive place to do science and engineering.

Year of Collaboration

CaSE has collaborated with a wide range of organisations on issues including the spending review, migration cap, education reforms, and Scientific Advisory Committees. We have set up a policy email list, policy events calendar, and jobs listings on our website to foster greater collaboration.



The Times front-page article based on the letter, organised and drafted by CaSE, and signed by eight of Britain's Nobel laureates, protesting against the effects of the proposed migrant cap on top-level research, 7th October 2010.

Organisational Issues

■ 25th Anniversary

In January 2011 CaSE (formerly Save British Science) held its 25th anniversary reception. Original founders Prof Denis Noble and Dr John Mulvey were joined by CaSE members and friends, including the Universities and Science Minister and his Labour Shadow Ministers.

■ Advisory Council

CaSE welcomes Professor Colin Blakemore, Dame Professor Athene Donald and Roger Highfield and says farewell to Sir Hans Kornberg, Professor Alex Cullen, Sir Derek Roberts, Sir Geoffrey Allen and Professor Thomas Pennington.

■ Finances

CaSE continues to provide exceptional value-for-money for its members, with an annual spend of just £160,000 for the 2010-11 financial year.

■ Sponsorship

CaSE thanks AstraZeneca, the Institution of Chemical Engineers, Institution of Engineering & Technology (IET), Institute of Physics, Prospect, Royal Institution, and Royal Society of Edinburgh for sponsoring our reports and events.

■ Fundraising Drive

CaSE is hoping to increase its income from existing and new members to cover increased and ongoing costs.

■ Legal Status

We will be changing our legal status to a registered company and charity later in the year.



The Minister for Universities and Science, David Willetts, gave the keynote speech at the CaSE 25th Anniversary Reception, hosted by the IET, January 2011.

■ Staffing

After four years as Assistant Director, Dr Hilary Leever is leaving CaSE. Hilary has brought tireless energy and drive to the organisation and we wish her all the best in her new role as the Head of Education and Learning at the Wellcome Trust. Following her replacement, staffing is planned to be 3.2FTE.

■ Interns

Many thanks to our interns: Michelle Brook, Katherine Barnes, Andrea Marchesetti, James Lush, and Samantha Gan.

Organisational Members

■ Industry

Airbus
ARM Holdings
AstraZeneca
BAE Systems
BMJ
Wiley-Blackwell
Electroimpact
GlaxoSmithKline
Johnson Matthey
Lockheed Martin UK
Merck Sharp & Dohme
Norwich Research Park
Oxford Instruments
Pfizer
Rolls-Royce
Sharp Laboratories
Syngenta
Unilever

■ Learned & Professional

Royal Astronomical Society
The Biochemical Society
Society for Experimental Biology
Society of Biology
Heads of Chemistry UK
The Royal Society of Chemistry
IChemE
BCS, The Chartered Institute for IT
The UK Deans of Science
The British Ecological Society
Engineering Professors' Council
The Institution of Engineering & Technology
The Genetics Society

The Geological Society
The British Machine Vision Association and Society for Pattern Recognition
London Mathematical Society
The Institute of Mathematics and its Applications
Society for Applied Microbiology
Society for General Microbiology
National Farmers' Union
The Royal Pharmaceutical Society
The British Pharmacological Society
Institute of Physics
The Institute of Physics and Engineering in Medicine
The Physiological Society
The British Psychological Society
Experimental Psychology Society
Royal Statistical Society
Zoological Society of London

■ Academia

University of Aberdeen
University of Wales, Aberystwyth
University of Birmingham
University of Bradford
University of Bristol
Brunel University
University of Cambridge
Cardiff University
University of Dundee
University of Durham
University of Edinburgh
University of Exeter
University of Glasgow
Heriot-Watt University
London School of Hygiene & Tropical Medicine
Royal Holloway
The John Innes Centre

King's College London
Kingston University
Lancaster University
University of Leeds
University of Leicester
University of Liverpool
London Metropolitan University
Loughborough University
University of Manchester
University of Newcastle upon Tyne
University of Nottingham
The Open University
University of Oxford
London School of Pharmacy
University of Plymouth
Queen Mary, University of London
Queen's University, Belfast
University of Sheffield
Sheffield Hallam University
University of Southampton
University of St Andrews
University of Strathclyde
University of Surrey
University College London
University of Warwick
University of Westminster
University of York

■ Charities & Other

Association of Medical Research Charities
Breast Cancer Campaign
Cancer Research UK
Field Studies Council
Prospect
UK Resource Centre for Women in SET

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