

Meeting summary: 11 and 12 September 2019

Attended: Patrick Vallance, Nancy Rothwell, Philip Bond, Keith Burnett, Ann Dowling, David Cannadine, Suranga Chandratillake (Day 1), Anne Glover, Paul Golby, Robert Lechler, Charles Roxburgh (Day 1), Ottoline Leyser, Max Lu (Day 2), Fiona Murray, Colin Smith, Joyce Tait, Venki Ramakrishnan (Day 1), Mark Walport, Jo Shanmugalingam (Day 1)

Apologies: Dervilla Mitchell, Julia Goodfellow, Nick Stern

**Guests:** Julian Critchlow, Director General for Energy, Transformation and Clean Growth, Department for Business, Energy and Industrial Strategy; Prof Carole Mundell, Chief Scientific Adviser for the Foreign and Commonwealth Office; Dr Mike Keoghan, Chief Economist and Director of Analysis, Department for Business, Energy and Industrial Strategy; Professor Hetan Shah, Executive Director, Royal Statistical Society; Professor Graeme Reid, University College London.

## Day 1

1. CST received an update on Government priorities on science, research, innovation and the Industrial Strategy from Jo Shanmugalingam, Director General for Industrial Strategy, Science and Innovation, Department for Business, Energy and Industrial Strategy (BEIS).

- 2. CST members received a presentation from Julian Critchlow, Director General for Energy, Transformation and Growth at BEIS about the Government's priorities for energy and achieving net zero emissions. Members discussed potential areas for CST advice to the Prime Minister on how to achieve the Government's target of net zero emissions by 2050.
- 3. Professor Carole Mundell, the Chief Scientific Adviser for the Foreign and Commonwealth Office (FCO) led a discussion on how evidence is used to inform FCO policy, the importance of science and innovation in international relations and the diplomatic work to support development of UK's international partnerships in research and innovation.
- 4. Members discussed advice to the Prime Minister on increasing investment in UK research and development.

## Day 2

- 5. Members discussed progress with current work projects and plans for future work.
- 6. Professor Hetan Shah, Executive Director, Royal Statistical Society, gave an introduction to some of the issues for governance of data science in the public sector. Dr Mike Keoghan, Chief Economist at BEIS gave an update on the use of data science to inform policy options for innovation diffusion and highlighted efforts to improve use data science across government.
- 7. Professor Graeme Reid, Chair of Science & Research Policy at UCL, gave a presentation on future frameworks for international collaboration on research and innovation. CST members discussed proposals for the design of future funding schemes.

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