



Our ref: 13/1591

5 December 2013

RE: Request for Information

Thank you for your email dated 8 November 2013 to the Department of Energy & Climate Change (DECC), where you requested the following information:

Do you have any experimental evidence that increasing CO2 causes an increase in atmospheric temperature?

We have considered your request in accordance with the Environmental Information Regulations 2004 ('the EIRs') as the information you have sought disclosure of, does in our view, fall within the definition of 'environmental information' as stated in the EIRs.

The information you requested is available and is accessible to you, as it is already in the public domain. The information can be obtained from a range of sources, including for example:

- Standard reference books on climate change such as:
Global Warming The Complete Briefing by Sir John Houghton, Cambridge University Press, 4th Edition 2009;
Principles of Planetary Climate by Raymond T Pierrehumbert, Cambridge University Press, 2011.
- Reports containing information about experiments and other studies on the absorption and radiative properties of CO₂, as given for example in the Intergovernmental Panel on Climate Change's Fourth Assessment Report¹.
- Websites, including The Government Office for Science webpages on the science of climate change (see <http://www.bis.gov.uk/go-science/climatescience>).

¹ Solomon et al 2007, Chapter 1 – Historical Overview of Climate Change Science: In Climate Change 2007 WG1 contribution to the IPCC Fourth Assessment Report (section 1.4.1).

Appeals Procedure

If you are dissatisfied with the handling of your request, you have the right to ask for an internal review. Internal review requests should be submitted within 40 working days of the date of receipt of the response to your original email and should be sent to the Information Rights Unit at:

Information Rights Unit (DECC Shared Services)
Department for Business, Innovation & Skills
1 Victoria Street
London
SW1H 0ET
E-mail: foi.requests@decc.gsi.gov.uk

Please remember to quote the reference number above in any future communications.

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF

Yours sincerely

**Climate Science Observation and International Team
Science and Innovation Group**