

From: REDACTED REDACTED (RB)

Sent: 06 January 2014 16:43

To: REDACTED REDACTED (Science and Innovation)

Cc: REDACTED REDACTED (RB); REDACTED REDACTED (RB); REDACTED REDACTED (RB)

Subject: RE: Geoengineering - One final item!

REDACTED

Sorry for not getting back to you I had 2 weeks off over christmas and first day back today. So a couple of clarifications on the SPICE programme (sorry my update at the meeting wasn't very clear):


- The SPICE (Stratospheric Particle Injection for Climate Engineering) project is funded by EPSRC, NERC & STFC in a 3½ year collaboration between the University of Bristol, the University of Cambridge, the University of Oxford and the University of Edinburgh which began in October 2010.
- The project considers the feasibility of injecting particles into the stratosphere from a tethered balloon for the purpose of solar radiation management. It consisted of three work streams - a test bed experiment for a delivery system; desk-based study to evaluate candidate particles and climate and environmental modelling.
- In 2012, EPSRC carried out an internal review of some issues around commercialisation of the test-bed element of the SPICE project. Following the review, it was decided to withdraw from the test bed element in the SPICE project, and publish all the results from the project to date according to normal academic practice (so no commercial IP arising). A revised work programme was produced in May 2013, containing the other elements of the project (modelling, evaluation) have remained in the programme with alternative work instead of a testbed. This has delayed the project to end of 2015.

REDACTED REDACTED (EPSRC) at the time shared the review findings with REDACTED REDACTED and fed back the results to EPSRC Council, but I don't think verbally to the rest of the GeoE Whitehall group. We still need to pick up the governance issues as research councils found out the importance of developing UK and international government guidance on the commercialisation of geoengineering research. Now with the changeover in contacts it would be good for you to pick up with REDACTED once she has caught up and familiarised herself.

Further background can be found <http://www.spice.ac.uk/> and <http://gow.epsrc.ac.uk/NGBOViewGrant.aspx?GrantRef=EP/I01473X/1> (specific programme grant)

The EPSRC statement on cancelling the testbed in the SPICE project in October 2012: <http://www.epsrc.ac.uk/newsevents/news/2012/Pages/spiceupdateoct.aspx>
It was fairly well covered in the media too (Guardian, Nature).

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From: REDACTED REDACTED (Science and Innovation)
Sent: 17 December 2013 15:34
To: REDACTED REDACTED (RB)
Cc: REDACTED REDACTED (RB)
Subject: Geoengineering - One final item!

REDACTED,

Sorry for getting in contact about geoengineering following on from you moving on. I'm just reviewing edits to my draft of the minutes, and REDACTED wasn't sure about one of my statements that I thought had come from you. Regarding the SPICE programme, I thought it had been mentioned that last year's review on the commercialisation of aerosols led to it being taken out of the programme. Was this correct? If you can't help, REDACTED, can you confirm?

Thanks

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