

[REDACTED] - Original Request

23 February 2026

[REDACTED]

"Hi I would like to know who has given you permission to carry out sun dimming experiments in the UK

When I spoke with the Government they advised they had not sanctioned same

Thank you"

[REDACTED]
[REDACTED]

12 March 2026

Dear [REDACTED],

Environmental Information Regulations 2004 ("EIR") Request

We are writing in response to your recent request for information to the Advanced Research + Invention Agency ("**ARIA**") dated 23 February 2026 in which you asked:

"I would like to know who has given you permission to carry out sun dimming experiments in the UK

When I spoke with the Government they advised they had not sanctioned same"

Response to EIR request

Under Section 2(1) of the [Advanced Research and Invention Agency Act 2022](#), ARIA may do, or commission or support others to do, any of the following: conduct scientific research; develop and exploit scientific knowledge; collect, share, publish and advance scientific knowledge. ARIA is an executive non-departmental public body, sponsored by the Department for Science, Innovation and Technology.

ARIA's Exploring Climate Cooling programme is funding 5 projects which will carry out carefully-controlled, outdoor experiments. Up to 3 of these experiments are planned to take place in the UK. However, at present, no experiments have taken place in the UK.

The outdoor experiments being funded by ARIA's Exploring Climate Cooling programme which may take place in the UK are as follows:

- One project will explore the effects of seawater spray on cloud reflectivity.
- One project will explore the effects of electric charge on cloud reflectivity.
- One project studies how milligram quantities of mineral dusts age in the stratosphere. In this controlled experiment, none of these materials will be released; all are returned to the ground for analysis by scientists.

All ARIA projects must adhere to all applicable laws, and project teams will procure all necessary research licences before commencing their activities.

Any outdoor experiment will only go ahead once an independent environmental impact assessment has been made, and if the results of this suggest that the experiments will be safe (the impact assessment will also be made publicly available before experiments start). These experiments will only go ahead after a period of meaningful public engagement with local communities, and will all be subject to oversight by the programme's independent Oversight Committee.

For more information about the Exploring Climate Cooling programme, including details of the funded projects, teams, amount of funding and locations, please see our website: [Exploring Climate Cooling](#).

Yours sincerely,

ARIA

You can ask us to review our response. If you want us to carry out a review, please let us know within 40 working days by emailing eir@aria.org.uk.

If you are still dissatisfied after our internal review, you may complain to the Information Commissioner's Office (ICO) for further investigation who can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF