Aria EIR <eir@aria.org.uk>

ARIA's Exploring Climate Cooling programme

[redacted] 6 December 2025 at 14:23
To: Aria EIR <eir@aria.org.uk>

Thank you for your recent response. I have further questions which remain unanswered.

Why aren't these experiments restricted to unpopulated areas of the UK instead of towns and cities? Seeding over large woodland or moorland areas for example would cause less side effects for human health and safety. This was not detailed in your response.

Do you agree that any actions which cause extra use of home central heating systems are detrimental and should obviously be avoided? This was not confirmed in your response.

What specific form will the 'meaningful public engagement' take with Aria to allow the UK public to give feedback and objections to 'side effects' in real time? There are already mass respiratory problems amongst the UK population to which they have no redress or pathwaay to complain. This requires more detail for the public's peace of mind.

What measures are taken to ensure any and all sewage content is removed from seawater that is used for cloud seeding? This is not detailed in your previous response.

Looking at a historical graph of temperature over time in Millions of years, the Earth appears to be in a relatively cool period:
https://www.forbes.com/sites/davidbressan/2024/09/22/new-study-shows-485-million-years-of-earths-temperature/
How does this relate to claims of global warming and plans to cool the planet?

Sincerely,

[redacted].

[Quoted text hidden]

[redacted]

7 January 2026

Dear [redacted],

Request for information

We are writing in response to your recent request for information to the Advanced Research + Invention Agency ("**ARIA**") dated 6 December 2025, in which you asked:

"Thank you for your recent response. I have further questions which remain unanswered.

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Request 1

"Why aren't these experiments restricted to unpopulated areas of the UK instead of towns and cities? Seeding over large woodland or moorland areas for example would cause less side effects for human health and safety. This was not detailed in your response."

ARIA is not funding the deployment of climate cooling approaches or large-scale 'seeding'. The outdoor experiments being funded by ARIA's Exploring Climate Cooling programme are as follows:

- One project will explore the efficacy of rethickening arctic sea ice.
- Two projects 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.

Whilst we do expect that several of these experiments will take place in the UK, no locations for these have yet been selected. When sites are provisionally selected, public engagement with the communities local to the experiment sites will be undertaken.

Due to their small size and short duration, these experiments will not cause any noticeable effect on the weather or any lasting environmental impact, and no toxic material will be released into the atmosphere in the course of any ARIA-funded experiment.

Request 2

"Do you agree that any actions which cause extra use of home central heating systems are detrimental and should obviously be avoided?"

We reiterate that the experiments being funded by ARIA will not cause a noticeable effect on the weather or any lasting environmental impact. As such, they will not have any effect on the use of home central heating systems.

Request 3

"What specific form will the 'meaningful public engagement' take with Aria to allow the UK public to give feedback and objections to 'side effects' in real time?"

Before any experiment starts, the project team will engage directly with local communities to explain their plans and adjust them based on feedback. An independent environmental impact assessment will also be conducted and made publicly available before the experiment begins. All funded activities will comply with all local, national and international regulations. All experiments will be small-scale and of short duration, meaning that they can be readily terminated if need be. Our independent Oversight Committee – composed of international climate and technology experts – will also support ARIA's leadership in the effective governance of outdoor experiments. They scrutinise experiment plans, provide expert recommendations, and they can ask for modifications to the planned experiments before they are carried out.

Request 4

"What measures are taken to ensure any and all sewage content is removed from seawater that is used for cloud seeding?"

As noted above, two experiments plan to explore the effects of seawater spray on cloud reflectivity (investigating "marine cloud brightening") over small areas. One of these sets of experiments is expected to take place in the UK, and the other will take place on the Great Barrier Reef in Australia. In order to generate the required sprays, very fine droplets of seawater must be produced. As part of the production process, particles larger than a few microns are filtered out from the spray. This will have the effect of removing any suspended solids from the sprayed water.

Request 5

"Looking at a historical graph of temperature over time in Millions of years, the Earth appears to be in a relatively cool period:

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ARIA is not funding the deployment of climate cooling approaches and has no plans to do so. All activities in this programme are purely research scale. These experiments will not cause any noticeable effect on the weather or any lasting environmental impact.

Yours sincerely,

ARIA