

Exploring Climate Cooling: Engagement flow

This is an outline for the engagement process. Teams will tailor their approach to the experiment, location and community.

Phase 1: Technical design + pre-site selection

Includes scoping technical details of the experiment and initial outreach to key stakeholders.

- Teams define all technical, scientific and logistical requirements for the experiment.
- They begin initial outreach with key stakeholders in potential sites, including land owners, local authorities and relevant public bodies.
- They identify any permits or permissions required.
- They begin to identify opportunities for co-design and collaboration, and develop materials describing the experiment ready for sharing.

As a result, teams will:

- Update their experiment design.
- Identify required permits or permissions.
- Identify potential experiment sites, but no decision is made yet.

Phase 2: Engagement + Impact Assessment

Includes community engagement + co-design, Environmental Impact Assessment conducted and published.

- Teams deliver in-person events and activities around potential site(s). These may take place in community, educational, civic and third spaces and will be (co-)designed around the needs of the community and with the support of key stakeholders. At these events, teams will:
 - Introduce themselves.
 - Share their plans and research aims.
 - Engage in active and inclusive listening and two-way dialogue.
 - Develop the experiment design collaboratively with the community.
 - Collect and consider public views.
- Teams will undertake an independent Environmental Impact Assessment (EIA) and legal assessment, and share findings with the community for feedback.

- The community will have an opportunity to co-design the experiment in response to previous engagement (including the EIA).
- Teams will apply for and receive all permits and approvals and share them publicly.

As a result teams will:

- Update experiment design to address feedback and developments from the community.
- Publish the EIA.

Phase 3: Dual scrutiny

Includes scrutiny from ARIA and the independent Oversight Committee.

- ARIA's leadership and Oversight Committee review experiment plans, and scrutinise level of community engagement (conducted and ongoing).
- Oversight Committee recommendation and ARIA leadership decision published.
- Teams address any additional requirements or assurances requested during the scrutiny process.
- Summary of community engagement and feedback published.

As a result teams will:

- Seek formal approval for the experiment and location.

Phase 4: Experiment begins

If approved, includes preparation of, conduction of, and communication about the experiment.

- Technical and logistical preparation of the experiment and ongoing community engagement activity is prepared.
- Full details explaining the experiment, research aims and project activity to date are shared with the wider public. These will be in a range of accessible formats, and where possible will invite further response and engagement.
- The experiment begins. The community and wider public have ongoing opportunities to view the experiment and stay informed and involved.
- Ongoing environmental monitoring during the experiment ensures it is halted if any unexpected impacts are observed.

As a result teams will:

- Conduct the experiment and share the process publicly.

Phase 5: Experiment concludes

Includes all findings and data being shared with the community and wider public.

- The team concludes engagement with the community through in-person activities to share findings and answer any further questions.
- Final experiment results and data published, alongside accessible summaries. Results shared in scientific journals, and publicly.

As a result teams will:

- Conclude the experiment, and share the process and results publicly.