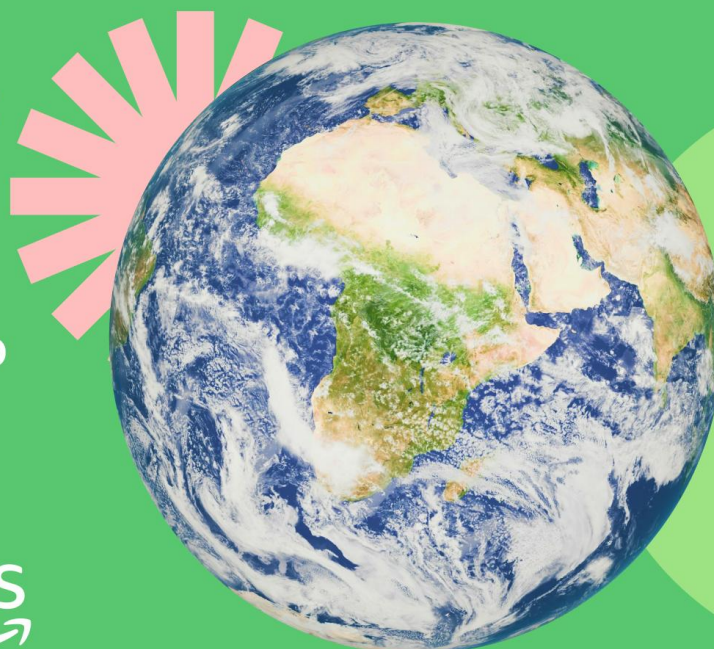


COMPUTE FOR CLIMATE FELLOWSHIP 2026
Applications are open 1–30 September 2026

Have a Climate
Breakthrough That
Needs Serious
Compute?
The Compute for
Climate Fellowship
2026 is calling.



IRCAI and Amazon Web Services (AWS) invite ambitious climate and energy technology startups from around the world to apply for the 2026 Compute for Climate Fellowship. The global R&D programme supports selected companies in building a high-impact proof of concept (PoC) in which advanced cloud computing and artificial intelligence are essential to the solution.

UP TO \$200,000
in AWS credits per
selected startup

~3 MONTHS
of PoC development
with expert support

GLOBAL CALL
private climate &
energy tech
companies worldwide

What selected startups receive

- AWS credits to cover eligible cloud computing costs for the PoC, up to \$200,000 per selected startup.
- An approximately three-month PoC build period with personalized technical support and mentorship.
- Access to advanced computing services, including high-performance computing (HPC), generative AI and quantum computing tools.
- Expert guidance in advanced computing, AI, sustainability and ethics from IRCAI and AWS mentors.
- Media and visibility opportunities, including possible speaking and PR opportunities and showcases through AWS channels, United Nations events and international bodies.

2026 CLIMATE & ENERGY SOLUTION AREAS

Successful proposals should demonstrate innovation, make essential use of advanced compute, and show potential for meaningful global impact in at least one of the seven areas below.

- Clean Energy, Grid Flexibility, and Fusion/Nuclear Simulation
- Climate Intelligence, Earth Observation, and Risk Analytics
- Sustainable Agriculture, Food Systems, and Water Security
- Circular Economy, Industrial Simulation, and Low-Carbon Materials
- Carbon Removal and Ecosystem Restoration
- Low-Carbon Transportation, Logistics, and Autonomous Systems
- Sustainable Built Environment and Data Centre Infrastructure

2026 special priorities

Extreme heat: proposals that use advanced computing and AI to anticipate heat risks, protect vulnerable communities, strengthen energy and infrastructure resilience, and support adaptation are especially encouraged.

Community-led and Indigenous-led approaches: encouraged across all seven solution areas, combining advanced technology with local knowledge, lived experience and culturally appropriate climate action.

Responsible AI and compute: proposals should show why frontier AI/advanced compute are essential and demonstrate practices such as model efficiency, explainability, bias testing and sustainability-aware computing.

Who should apply

- Privately held climate or clean-energy technology companies founded within the last 10 years, from any country.
- Companies developing technology with the potential for meaningful global climate or clean-energy impact.
- Teams with the technical capability to build a PoC using advanced cloud computing and AI/ML.

2026–2027 timeline

1–30 Sept 2026	Applications open
1 Oct–23 Nov 2026	Review & finalist interviews
4 Dec 2026	Winners announced
11 Jan–5 Apr 2027	Build PoCs
14 Apr 2027	Demo Day

Learn more and apply

Programme information: ircai.org/ircai-aws-climate-fellowship-program-2026/

Application form: ircai.org/cfcf2026-application-form/

Questions: info@ircai.org (subject: "IRCAI AWS Fellowship")