RIO DE JANEIRO / APRIL 2027

AI x OCEANS
CLIMATHON RIO 2027

Local knowledge. Collective intelligence. Ocean action.

We want to bring young people from around the world together in Rio with coastal communities, scientists, designers and technologists to work on ocean challenges. A Climathon to learn across regions and turn ideas rooted in local experience into action.



2811 Climathon archive / Learning by doing

What is a Climathon?

At 2811, a Climathon starts by listening to a local challenge. Then comes the shared work: bringing different experiences together, imagining responses and trying them out. The event is part of a process that prepares teams and seeks ways for their ideas to continue.

The ocean brings us together

We welcome students, young professionals, researchers, designers, developers, entrepreneurs and coastal leaders worldwide, including Europe, Latin America and the Caribbean. Bring what you know: understanding a coastline, asking good questions or telling a story can all help build a solution.

Technology that serves local needs

We bring in AI when it helps address the challenge. We use data with permission, check results and make their limits clear alongside people who understand the problem.

Listen. Create. Test. Keep going.

This is how we want to work in Rio, alongside the communities and organisations that join us.

01 / Start with local experience

Listen to people who live and work by the sea. Choose a shared challenge and prepare the team with ocean science, data and AI tools.

02 / Bring different skills together

Gather different experiences around one question. Sketch, discuss and build a first prototype with support from mentors.

03 / Put the idea to the test

Show the prototype to people who might use it. Hear what works, what is missing and what needs to change. Check results against data and local knowledge.

04 / Open up the next step

Share what you have learned and propose a field test. Find partners to continue; selected teams could connect with pilots or the Residency.

What can we change together?

Changing coastlines

How are our coasts changing? Combine satellite images with local experience to explore ways to adapt.

Life below water

What can images tell us about marine life? Work with communities and scientists to recognise species and care for their habitats.

Data for decisions

How can ocean information reach the people who need it? Turn measurements into useful tools for local decisions.

We shape the starting point with people who know and live along the coast. What challenge would you bring?

An idea with a next step

Each team will work on a prototype to show and discuss, an explanation of how it uses data, and a proposal for a field test: with whom, for what purpose and how to tell whether it works.

Proposal in development

Planned context: Rio de Janeiro, April 2027, around the Ocean Decade Conference (7-9 April). The Climathon's exact dates, venue, duration, selection criteria, participation costs and any travel support are still to be confirmed. Inclusion in the official conference programme is not confirmed. Expressing interest is not an application or a guaranteed place.

Bring your question. Build with us.

Join as a participant or mentor. If you are part of an organisation, let’s talk about a challenge in your community, useful data or support to help more young people take part.

youngoceaninnovators.com

Methodology informed by 2811 Climathon experience. Conference dates: oceandecade.org.