

Ocean Visions Launchpad

Supporting Ocean-Based Competitors to XPRIZE Carbon Removal

Ocean Visions is now inviting applications from innovators around the world who plan to compete for the XPRIZE Carbon Removal using an ocean-based pathway.

Deadline for applications September 24, 2021

XPRIZE CARBON REMOVAL OVERVIEW

XPRIZE Carbon Removal is a four-year global competition open to innovators from anywhere on the planet who can create and demonstrate solutions that achieve carbon dioxide removal – defined as removing carbon dioxide directly from the atmosphere or the ocean and storing it in a highly durable and environmentally safe manner – and that can scale to gigaton levels.

This XPRIZE launched on Earth Day 2021 and will end on Earth Day 2025. The \$100 million USD prize purse will be distributed as follows:

- After one year of competition the judges will review all submissions received by that time and award up to **15 Milestone Prizes of \$1 million each**. At the discretion of the judges, these awards may be granted on a conditional basis, subject to the team’s demonstrated commitment to continuing to develop and advance their solutions and to compete for the Grand Prize.

- After 4 years, judges will select the winners:
 - \$50 million paid to the single Grand Prize Winner
 - \$30 million to be distributed among up to 3 runners up

- XPRIZE will also award up to \$5 million in total awards to student teams in the Fall of 2021. These awards may fund participation in the XPRIZE Carbon Removal or the development of key supportive technologies.

To win the XPRIZE (not one of the milestone or student prizes), a team must demonstrate carbon removal at the kiloton per year scale; model their costs at the megaton per year scale; and show a realistic pathway to achieving a scale of gigaton per year in future. The team with the most scalable and lowest-cost carbon removal technology will win.

OCEAN VISIONS LAUNCHPAD OVERVIEW

In support of **ocean-based** competitors to XPRIZE Carbon Removal, [Ocean Visions](#) is creating a “Launchpad” to provide customized technical assistance to selected competitors for this XPRIZE.

Ocean Visions will work with selected innovators to identify specific technical and disciplinary expertise, as well as key physical resources such as testing facilities and labs, that they most need to enhance their

ability to compete. Ocean Visions will then recruit the most appropriate experts from within its network to build customized teams of up to 5 people from relevant disciplines and expertise.

The Ocean Vision Expert Teams will provide **ongoing technical advice and support over 12-24 months** to help the selected competitors maximize their chances of winning the prize. These expert advisory and technical support services will be provided free of charge to those competitors selected by Ocean Visions, thanks to dedicated support from the Grantham Environmental Trust.

WANT TO APPLY TO THE OCEAN VISIONS LAUNCHPAD?

All interested parties are invited to apply **using the template below**.

If you have any additional questions, email us at info@oceanvisions.org

Best of luck to all XPRIZE competitors!

APPLYING TO THE OCEAN VISIONS LAUNCHPAD

Application Template

SUBMISSION INSTRUCTIONS

Using this template, please complete the questions below, adhering to the word limit in each section. You may expand the text boxes as needed. Please maintain a font size of at least 11.

Accompanying materials of no more than 3 pages may be provided, but please be aware there is no guarantee that they will be reviewed. So make sure your application stands alone in describing your approach.

Once this application is complete, please submit it as an attached Word document via email to info@oceanvisions.org. Please use the following convention in the subject line of the email: "Launchpad Application – [LAST NAME OF SUBMITTOR]". For example, if Jane Smith was submitting the proposal, the subject line would read "Launchpad Application – Smith". Please cc all listed team members on this application form when submitting the application to indicate consent.

SUBMISSION DEADLINE

September 24, 2021, 17:00 Pacific Daylight Time.

MINIMUM QUALIFICATIONS TO APPLY

- Applicants must have already registered their team with XPRIZE and paid the application fee
- Applicants must verify that they are in-scope for the XPRIZE ([criteria here](#)).
- Applicants must utilize an approach to carbon removal that uses the power of the ocean to capture and/or store carbon dioxide. Example approaches include, but are not limited to: ocean alkalinity enhancement, microalgae or macroalgae cultivation and carbon sequestration, and direct ocean capture.
- Applicants must provide answers to the following questions, in the template provided, and respecting the limits on length of answers specified for each question.

EVALUATION PROCESS

- Review of applications will commence shortly after the deadline.
- Applicants will be evaluated based on the ideas and potential expressed in their application.
- In some cases, Ocean Visions may return to the applicant with additional questions.
- Short interviews will be held with finalists.
- All applicants will be notified of their status following the review process.

For any questions relating to the full proposal submission process, please email info@oceanvisions.org

APPLICATION TEMPLATE

[Ocean Visions Launchpad](#)

APPLICANT INFORMATION

Lead Applicant's Full Name	
Lead Applicant's Full Address	
Lead Applicant's Email Address	
Lead Applicant's Phone	
Lead Applicant's Organizational Affiliation	
Link to lead applicant's biographical information (e.g. LinkedIn, personal website)	
Team Name	

TECHNOLOGY OVERVIEW

Describe your team's technology/approach (250 word limit)

What are the specific strengths of your technology/approach? (250 word limit)

What are your current largest obstacles and challenges? (250 word limit)

Please describe your timeline of development to date and your current technology readiness level (250 word limit)

Please describe how your team intends to reach the XPRIZE requirements for demonstrated carbon removal at the scale of kiloton per year (250 word limit)

Please share current projections of the CDR potential of your technology, including:

Projected costs per ton at the kiloton and megaton scale (100 word limit)

Any life cycle assessment you have done (100 word limit)

Potential environmental co-benefits and risks (100 word limit)

Potential social co-benefits and risks (100 word limit)

TEAM MEMBERS

List team participants

Expand the table as needed.

Name	Title	Organizational Affiliation	Role and Area of Expertise

What are your team's strengths? (250 word limit)

Are you receiving external advising now? If so, by whom and for what? (250 word limit)

WORKING WITH OCEAN VISIONS

What are the areas of advising and technical assistance that would be of most help to your team over the next 12-24 months? (250 word limit)

Do you see those areas of advising evolving over the next 12-24 months, and if so, how? (250 word limit)