

Greetings from the Climate Foundation!

We have great news -



We successfully launched the solar powered surface platform, and close on its heels we launched our just completed 1000m² (that's a quarter of an acre) Marine Permaculture submersible seaweed array!

The new submersible seaweed array is offshore, and is kept in deep water. This location creates habitat for the ocean's creatures and our seaweed. This accomplishment also propels us towards our next step, which is seaweed growth tests.

To a better tomorrow,
The Climate Foundation Team

GOOD NEWS



DOUBLE YOUR DONATION - Again! Private family foundations have agreed to *match everyone's donations* until we reach **\$1,000,000!!!** And **ALL** donations that have been received since May 2022 have been doubled. [Check out our new webpage HERE with the goal-o-meter,](#)

PEOPLE WANTED: The Climate Foundation is now in a position to add independent team members. To qualify you should be; self-motivated, detail-oriented, great at follow-up, willing to work mornings and evenings (we are a global organization) and on multiple projects. Great communication skills are a must. If you are interested, please sign up [HERE](#);



PHILIPPINES



Marine Permaculture

Following our headline news; In December we completed and launched the surface platform. In January we launched and attached the seaweed 1000m² array to the platform. Then we attached a variety of local seaweeds to the array. Our next goal is to conduct further tests on the deep cycling (e.g. lowering them at night for access to nutrients and raising them

during the day for sunlight).

We are also most of the way through fundraising to build the first hectare of Marine Permaculture. Once the deployment team is satisfied with their tests on the 1000m² platform, our next step will be to scale up another 10x to build the first hectare, the point we model that our platforms will be profitable.



Top left image: December launch of the 6x7m surface platform. Above right: Same platform with the January launched 1000m² submersible seaweed platform which you can see in the right corner and in the photo to the left.)

Biostimulant

We have continued trials of our seaweed biostimulant and are building early market traction. Trials have shown that use of our BIGrow biostimulants can confer heat and drought resistance while reducing the NPK fertilizer use by 20% with maintained yields. Widespread adoption of our biostimulants can therefore make a significant contribution to climate resilient and less greenhouse gas intensive agriculture.



Local gourds that previously averaged 500g are now weighing in at 1kg -which means that our biostimulant just increased the farmer's crop by 100%. Which means better returns for the farmers.

USA

Because of enthusiastic local funders and some very special volunteers, we have been making headway in developing the first Marine Permaculture platform in the United States in the Santa Barbara Channel. The project aims to replicate our success in the Philippines starting with a 100m² platform (12 meter diameter) and then bring scaled Marine Permaculture to Santa Barbara in several phases.



We have already conducted outreach and engagement efforts with local stakeholders, including an event with the Santa Barbara Permaculture Network at Chumash Earth Day and providing a mural at the Madonnari Street Painting Festival courtesy of artist Ray Ford and the Santa Barbara Permaculture Network (or SBPN).

In addition, last quarter we sponsored and participated in the 2nd Annual California Seaweed Festival, building support within the State of California for seaweed, reaching out to residents and building social acceptance among California stakeholders.

In the coming months, we plan to apply for local research permits in collaboration with partners at the University of California and site selection.

AUSTRALIA



Woodfordia Folk Festival: With an opportunity to reach over 132,000 people, the Climate Foundation led 5 events, gave multiple talks, hosted and participated in panel discussions and organized an evening of Kelp Culture Immersive underwater kelp forest experience.

Kelp sculptures (seen in the photo) adorned the Woodfordia Venue the entire week. The sculptures were created by professional diver and artist Jane James. Jane realized that future generations would not know what it is like to float through a kelp forest - which drove her to create an on-land replica of a kelp forest. You can see her work [here](#):



University of Tasmania - We are part of a team led by partners at the University of Tasmania who just won a grant to develop offshore seaweed mariculture offshore Tasmania. We look forward to collaborating on the design and implementation of a deepwater irrigation kelp platform in Tasmania. More [here](#).

OUTREACH

PODCASTS



UPCOMING: You are invited to hear a talk hosted by Brian Von Herzen hosted by the Sierra Club Loma Prieta Chapter, on **March 8th, 7:30 PM** Pacific time. In Australasia, it translates into March 9th at 1:30 PM. You can RSVP [here](#)



The Climate Positive podcast, hosted by Hilary Langer, held a thought provoking conversation about scaling Marine Permaculture to balance carbon and feed the world. You can listen in [here](#):



The Decade Podcast: In this episode you will hear Brian talk about the incredible potential of seaweeds. For example, fixing significant amounts of carbon and having multiple uses including food, feed, fuel, fertilizer and

biostimulants. He explains that once deployed at scale, Marine Permaculture can regenerate life in seas and soils and restore a healthy climate while building a multi-billion dollar seaweed export market over the next decade.- You can hear it [here](#):

RADIO



Bill and Jaye interviewed Brian on KZYX radio in Mendocino County, CA in June 2020. They moved to the east coast and have a radio show on WBCR-LP Great Barrington (MA) and interviewed Brian for a refresher and an update on what the Climate Foundation has been doing. Their show is broadcast every Monday from 10-11 AM eastern time, but you can hear a recording of the broadcast [here](#):

PAPERS

“**Answering Critical Questions About Sinking Macroalgae For Carbon Dioxide Removal A Research Framework To Investigate Sequestration Efficacy And Environmental Impacts**” You can read about the answers [here](#):

VOLUNTEERS - GLOBAL CHANGE MAKERS



Wanna help us help the planet? If so, please sign up [HERE](#) to volunteer **and let us know what you excel at and want to do.**

If you are already signed up, would you please let everyone on your social media know that you are taking action to help solve the climate crisis?

And if you want to wear a cape (or towel) all the better! There is SO much to do and our planet is running out of time. We need all the superheroes we can get!



EASY - Did you know that an easy way to help us is to post and repost our social media? We are on [Twitter](#), [Facebook](#), [Instagram](#), and [LinkedIn](#). You can find us by our name, "Climate Foundation" and look for our logo. We'd love to see you there!

Volunteer Editor Rosie Kaplan

Photos by the Climate Foundation Team, Ray Ford, NOAA, [Michelle Cassar](#), [Giorgia Doglioni](#), [yskeong](#).

**If you can, please help with
a financial donation by going
[HERE](#)**



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