

## Greetings!

Thank you for joining us on our wild journey to save our beloved earth. Exciting things are happening: Individuals, agencies, investors, and governments from around the world are reaching out to us for solutions to the Climate Crisis - and because it is going to take all of us, we could use your help.



We want volunteers to help run CF, so please sign up [here](#). If you already have signed up to volunteer, would you post or send us a selfie on your social media telling the world that you have signed up to help solve the climate crisis? (That will help get our message out there). And if you want to wear a red 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!

To a better tomorrow,

Brian and Rebecca

## GOOD NEWS



**XPRIZE  
CARBON  
REMOVAL**

**WE WON!** A highlight of the first half of 2022 is winning the Elon Musk XPrize for Carbon Renewal. AND there were more than 1,100 entrants and 15 awards given in this category.



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

## THE WORLD

**Pakistan:** The truly hard part of our job is hearing first hand of how horrific things are getting around the planet. One of the people we heard from this quarter was Hira, a producer of a film she made about the drought in Pakistan. We learned from Hira that the mafia is taking what little water there is and selling it to the more wealthy. The consequences are dire: Hiri has made it so that you can *watch the heartbreaking twelve minute movie* [here](#).



This quarter, representatives from **Mexico, Italy, French-Polynesia, Israel, Panama** and several other countries have contacted us. They want to change the world for the better with Marine Permaculture. Why? They keep telling us that our solution makes the most sense.



Save the date for the [Climate Benefit Concert](#) **November 5-10** leading up to COP27. It's a **global concert** to save the Himalayan glaciers and the associated threatened water security. Musicians, Actors, Scholars and Activists will be presenting music and bands from all over the world.

## AUSTRALIA



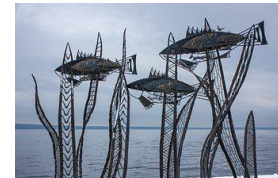
We are working with the **University of Queensland**, planning for an eastern Australia platform for the **Great Barrier Reef**.

If you are interested in helping us save the Great Barrier Reef, and are good at details and following through - ***we could sure use a volunteer to navigate the stacks of paperwork and/or meetings. Interested? Click [here and let us know!](#)***



**University of Tasmania** - We are part of a team who just won a grant to put a 100-square-meter Marine Permaculture array off Tasmania. We can hardly wait to collaborate on the design and implementation of the deepwater irrigation kelp platform there.

The arts were celebrated at an installation of the **Kelp Culture art show** at Griffith University in Queensland. Hundreds of visitors heralded the exhibition as a success.



## PHILIPPINES

### Marine Permaculture

In the Philippines, between 1967 and 1972, most seaweed was wild harvested by fishermen - it was this bonanza and an unregulated industry that led to a depletion of natural stocks. In response, seaweed farms were started and flourished. Fast forward to 50 years later, formerly robust seaweed farms are being abandoned because the ocean is getting too hot in the tropics to grow seaweed. This is where we come in. As you may remember, we are currently operating a 100 square meter platform. Our goal for this year is to scale up to 1,000 square meters.

While others are abandoning seaweed farms, we;

- Received another business license to help the local seaweed farmers in new communities



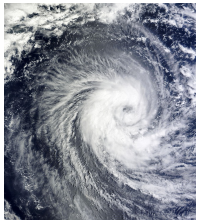
- Have been growing seaweed successfully (where local seaweed farmers - who have been doing it all of their lives - have failing crops due to hot ocean water).
- have designed and built a self-contained energy storage system
- Grew and harvested a quarter ton of seaweed
- Continue to sell seaweed from our existing platform to off-takers such as Cargill



Because we have measured the **local tropical water to be 90F /32C at 328 feet/ 100 meters**, we are scaling the Marine Permaculture array. Parts are being acquired while deliveries and building the 1000m array are keeping the worksite hopping.

Volunteer Showcase: Persistent Volunteer Jerry helped us get shipping quotes for equipment and supplies

\*\*\*\*Volunteer Jerry helped us get shipping quotes for equipment and supplies\*\*\*\*



Speaking of hot, remember that pesky **category 5 hurricane** last December? (the hotter the water, the fiercer the storm) Since then, we've repaired our boats, repaired the platform, reseeded and relaunched the demo array. Because our tiny truck was submerged during the storm, we are now doing errands and picking up parts with motorcycles - which can be challenging!

Because our seaweed survived the hurricane (while most other communities' seaweed did not survive), our team has made a quarter ton of seaweed available to locally devastated communities so that they can restart their seaweed farms.



Volunteer Showcase: Andre with the Rotary Club International is working with us to help deliver key supplies and disaster relief equipment to the Philippines.

# Biostimulant






Word is getting out about our biostimulant product, BIGrow; Farmers are seeing the results of our demonstration farms which are cropping up all over the place. So far, we have:

- Barangay **business clearances** from islands in the Visayas.
- Licensing for deepwater irrigation for two **demonstration farms** in the Visayas. When fully implemented, they will irrigate more than 300

hectares of seaweed farms.

And we are getting fabulous results with our seaweed foliar biostimulant **BIGrow**: Take a look at these photos taken from one of our demo farms. Our results are proving that with **BIGrow**, farmers can achieve double digit yield increases in the face of droughts and heatwaves, thereby reducing the need for NPK fertilizers and their associated nitrous oxide emissions. It could free the Philippines from the need to import rice. Now, that's a game changer!

			
No additives	Just fertilizer	Just BIGrow	fertilizer and BIGrow

Volunteer showcase: Thanks to the patience and talents of our team and graphic artist Volunteer Tom, we now have new biostimulant labels and brochures - which we are handing out right and left as our biostimulant is proving itself.

## USA



**NASA:** Yup, that one - multiple people from NASA have contacted us and offered to share their brains and their technology. You know you are doing things right when NASA offers to partner with you!

## OUTREACH

We are being included in an increasing number of documentaries, books, white papers, podcasts, etc. The following are some of what has been covered in the last few months.

### PODCASTS

**Climate Change Reality** is a show where the Climate Change narrator invites guests to discuss their various passions and personal theories about how to change the world for the better. If you'd like to hear the podcast, go [here](#).

### DOCUMENTARIES

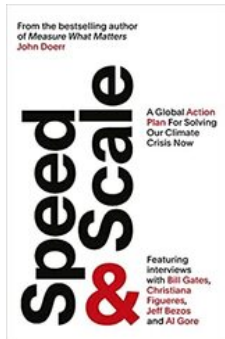


The NHK public broadcasting network in **Japan** learned about the Climate Foundation's Marine Permaculture and wanted to include our work as a solution to address ocean acidification in this documentary - which was just released on Japan's public television channel, NHK. We can't show you the whole thing, but we made sure that you can watch the bit that we are in [here](#).

*And* a documentary crew from **Germany** is filming our work this month in the Philippines. We look forward to releasing that segment once the documentary completes production in the next 6 months or so..

Volunteer Showcase: Matthew has rescued us several times with his video editing skills. His latest gift was adding subtitles in another Japanese film..

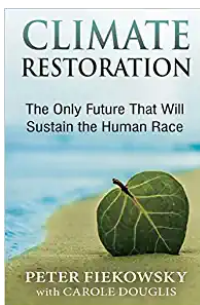
## BOOKS



### [Speed and Scale by John Doerr](#)

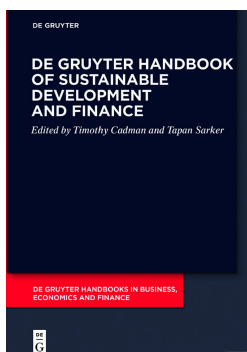
“In Speed and Scale, award-winning author and investor John Doerr convenes the world's foremost change-makers to show us how we can, if we fully commit to a high-stakes action plan, cut carbon emissions in half by 2030 and reach Net Zero by 2050. He shares practical efforts that individuals, businesses and politicians must take, applying Objectives and Key Results (OKRs) - the simple but powerful tools that scale small ideas into global movements - to our climate goals, setting out the standards that we need to reach.

Featuring exclusive interviews with the world's most influential climate and business thinkers, including Bill Gates, Jeff Bezos and Al Gore, this is the only global and definitive action plan for how we might save our planet.” \*Amazon summary.



### [Climate Restoration: The Only Future That Will Sustain the Human Race](#) by Peter Fiekowsky (Author), Carole Douglis (Author)

Climate Restoration lays out the need to remove a trillion tons of excess CO2 from the atmosphere. With safe and practical techniques that can be financed largely through existing markets resulting in enormous promise for achieving climate restoration.



### [This just in! The De Gruyter Handbook of Sustainable Development and Finance will be published 19 September](#) **T Cadman, T Sarker - 2022**

De Gruyter Handbooks in Business, Economics and Finance provides a comprehensive, must-have survey of a whole subject area critically discussing the leading views in the field.

## WHITE PAPERS

### PROJECT DRAWDOWN

[Project Drawdown](#) (not to be confused with the book Drawdown) Included our solution in their work on Macroalgae Protection and Restoration.



In case we didn't mention it, we were included in the 2021 **Blue Climate Initiative's Transformational Opportunities primer** pg 65 BCI (Find it [here](#), it's a hefty PDF)

## CONFERENCES & WEBINARS

Over the course of a few days we spoke at the [United Nations World Ocean Conference](#), [Futur.io](#), and the New York Times' [The Conduit](#) (our conversation starts 23:55). In addition, [R-Future](#) held a 7 day internet conference with 50 speakers, whose focus was to discuss a hopeful future. You can watch our bit for free [here](#). In addition, we discussed solutions regarding the **fast melting Arctic** - at the [Emergency Arctic Roundtable](#) conference.

Volunteer Showcase: An environmental outreach in **Barcelona** asked us to write an opinion piece for their website - and Volunteer Claudia did a great job of reflecting what we are doing - you can see it [here](#)



## VOLUNTEERS - GLOBAL CHANGE MAKERS



### Volunteers needed:

1. French speaking volunteer, located in the **south of France** (10h/wk from March - August).
2. Volunteer Lab-assistant, located in/around **Amsterdam** area
3. A Volunteer with expertise in international supply-chain (project base) needed.
4. Two more volunteers (we already have one) to discuss the Seaforestation message with visitors to the Verge 22 Startup Pavilion Expo in **San Jose, California**. October 25-27
5. Volunteer Graphic artists needed for social media posts
- 6.

Startup  
Pavilion

Contact [volunteer@climatefoundation.org](mailto:volunteer@climatefoundation.org) for more information about any of the above.



We are so grateful to the volunteers helping us - and we thought we would try acknowledging some of them in this newsletter. Let us know what you think of this change. (And if we missed telling the world about what you are doing for us in this newsletter - let us know and we will be sure to add you to the next

newsletter. AND if you send us your photo - we would love to brag about you on social media.)

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

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**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!

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Volunteer Editor Rosie Kaplan

Photos by [Lino Ogenio](#), Pepe Tubal, Rebecca Truman, Will White

**Our NEW mailing address is:**

**Climate Foundation**

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