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FOR IMMEDIATE RELEASE

The Climate Restoration Safety & Governance Board Announces First Applicant for Certification

Marine Permaculture SeaForestation in the Pacific Project with the Climate Foundation will be first to be verified to ensure it is safe, effective and ethical at scale

TEL AVIV, ISRAEL, November 28, 2022 – Today, The Climate Restoration Safety & Governance Board (CRSGB) announced its first official applicant for certification. The Climate Foundation submitted an application for its Marine Permaculture® project, a promising and achievable large-scale climate restoration initiative that regenerates seaweed ecosystems, such as kelp forests and red seaweeds, and has the potential to remove large quantities of atmospheric carbon. CRSGB will provide review, certification and oversight for the climate restoration project.

“The announcement of CRSGB’s first applicant demonstrates that climate restoration with regenerative projects such as Marine Permaculture® are not just theoretical, but are actually being scaled around the world and are ready to be vetted for their potential to be scalable, permanent, and financially viable solutions that can restore a safe and healthy climate (with CO₂ below 300ppm) when deployed at scale,” said Peter Fiekowsky, Chairman of CRSGB’s Advisory Board.

Marine Permaculture is designed to regenerate seaweed forest habitats and other ecosystems. Using deepwater irrigation, essential nutrients are accessed from depth in order to enable replete seaweed growth in conditions where seaweeds would ordinarily struggle to grow. Doing so enables a sustainable, scalable and year-round harvest of seaweeds, while regenerating life in the ocean. This is an essential part of climate restoration, as seaweeds can sequester carbon in deep sea water which leads to a rapid corresponding drawdown of atmospheric CO₂. Many species of seaweed have some of the most rapid carbon fixation rates in the world that exceed plants or trees. It can also sequester carbon for centuries when biomass is deposited in sediments or in the deep ocean.

“The Climate Foundation has been working on the validation of scaled Marine Permaculture® platforms since 2018. Commercial scale versions of these platforms can sustainably grow most local species of seaweed, which can be harvested to generate ecologically responsible products, such as food, fuel and fertilizer, while drawing down carbon dioxide from the atmosphere,” said Dr Brian von Herzen, Founder and Executive Director of the Climate Foundation.

Currently, there are no government entities chartered to oversee, monitor and govern climate restoration projects. The CRSGB will review the application to ensure that the project is safe, effective, legal and ethical.

“CRSGB will rely on input from a cross-section of experts in climate restoration and associated fields, including scientists, engineers, ethicists, and legal experts, and will work with The Climate Foundation to ensure that all relevant stakeholders feel comfortable moving forward with this crucial project,” said Ilan Mandel, CEO of the CRSGB. “Leadership representing indigenous groups, faith groups, environmental groups, economists and regulatory experts will also assess the application.” he continues.

“Securing a Certificate of Approval from the CRSGB will offer transparency and validation of the capacity of Marine Permaculture® to restore safe and healthy levels of greenhouse gasses on Earth, and will facilitate our ongoing efforts with funding and project implementation,” said Micha van Winkelhof from the Climate Foundation.

CRSGB’s comprehensive assessment will commence early 2023 and should take 3-6 months. All of the findings will be made public.

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About The Climate Restoration Safety & Governance Board

The Climate Restoration Safety & Governance Board provides review, approval, and oversight for projects capable of making a significant impact towards restoring global CO2 and methane levels. The Board reviews and helps revise the relevant projects with technical input from scientists, safety experts, and environmental lawyers, along with ethical input from indigenous groups, faith leaders, youth, and other stakeholders, to publicly evaluate projects for safety and efficacy. For certified projects, it maintains monitoring throughout the project’s lifetime to ensure safety, efficacy, and legal compliance. Additional information on CRSGB’s mission, leadership, and growing advisory board can be found at www.crs.gb.org.

About The Climate Foundation

The Climate Foundation (CF) is a US based 501(C)(3) dedicated to researching and developing highly-scalable nature based solutions to regenerate food security for billions of people who

depend on the ocean for their sustenance, regenerate ecosystems and measure the carbon export to the slow carbon cycle. CF has developed several sustainable approaches to balancing carbon in the environment. Once society adopts sustainable practices and reduces carbon emissions in the coming years, we believe it is still possible to reverse man-made climate disruptions. More information can be found at www.climatefoundation.org.