

Rotterdam, 26/11/2024

To: MARINIX Ocean Teach AS  
Mollevannsveien 77B  
4617 Kristiansand  
NORWAY

To whom it may concern,

This letter is to confirm that Carbonfix is in the process of reviewing and considering Marinix as candidate for our funding. Carbonfix, a venture philanthropy in the Netherlands, has a mandate to support bold and imaginative carbon solutions to restore the balance and prevent run-away climate change. By providing catalytic funding to climate moonshots, Carbonfix has been accelerating carbon domains such as Direct Air – and Ocean Capture, Enhanced Mineralization and bio-based Carbon removal. In addition to funding ventures, Carbonfix offers foundational support to the carbon removal community through the funding of initiatives that remove systemic barriers in the ecosystem. An example of a systemic barriers is the development of a marine Measurement, Reporting and Verification (mMRV) protocol.

Any ocean-based carbon dioxide removal (CDR) solution is currently struggling to make its impact quantifiable. Especially proposals that aim to accelerate the uptake of CO<sub>2</sub> via biomass into the deep ocean face the challenge to substantiate the ultimate removal in such a large system. The key of carbon removal via ocean system is understanding the ultimate fate of the Dissolved Organic Carbon (DOC) in the deep ocean. The more recalcitrant (non-reactive) DOC, the more actual removal for significant timescales. This is where the Marinix proposal shows it's potential.

The Marinix proposal is in the core a proposition to establish both an understanding to the existing (and very complex) oceanic carbon pathways as well as setting a baseline to which any activity can be quantified. Proving this proposition, by deployment of a suite of tools and equipment would help the whole ocean CDR community. In addition, Marinix has key insights into triggering the formation of marine snow, a very recalcitrant form of carbon, by adding minute elements to the oceans. If their numbers prove to be correct and measurable/verifiable this provides a moonshot pathway when it comes to triggering mass carbon sinking. We note that this path will need further scientific buy-in but should not be overlooked at present.

We hope to bring together a coalition of daring funders and unlock this promising pathway for marine CDR.

With regards,



Dr. J Hazewinkel,  
Board-member, Carbonfix