# [***Philippines : 12 blue carbon mangrove projects to watch***](https://advance.lexis.com/api/document?collection=news&id=urn:contentItem:64Y6-TC81-F11P-X1M6-00000-00&context=1516831)

TendersInfo

March 7, 2022 Monday

Copyright 2022 TendersInfo - Euclid Infotech Pvt. Ltd. Provided by Syndigate Media Inc. All Rights Reserved



**Length:** 948 words

**Body**

Twelve innovative solutions, projects and tools for ***blue carbon*** markets are getting technical support from Friends of Ocean Action and UpLink as part of the ***Blue Carbon*** Challenge.

The ***Blue Carbon*** Challenge, an initiative from Friends of Ocean Action, UpLink and the ***Mangroves*** Working Group, has identified 12 projects that harness the potential of ***blue carbon*** to support ecosystem conservation, restoration and coastal management. The 12 organisations will receive technical support and valuable connections to scale their interventions and bring strong ***blue carbon*** credits to the market.

***Blue carbon*** carbon stored in aquatic ecosystems like ***mangrove*** forests and seagrass beds, has the potential to store five times as much carbon per square foot as terrestrial ecosystems. But to date, ***blue carbon*** markets and projects have been underdeveloped and underfunded. Investors need to expand the supply of high-quality ***blue carbon*** credits to make the most of this climate mitigation strategy.

With this in mind, the ***Blue Carbon*** Challenge sought projects that could advance the conservation and restoration of coastal and aquatic ecosystems for the carbon market, as well as solutions that support and build trust and transparency in these projects.

The ***Blue Carbon*** Challenge's top 12 innovators

1 Mikoko Pamoja CBO

Mikoko Pamoja is a ***mangrove*** restoration project that is providing biodiversity, socioeconomic empowerment and climate mitigation services for communities in Kenya. The project sequesters 2,500 tonnes of CO2 equivalent each year and generates an income of approximately $30,000. The revenue is reinvested in the local community to improve access to water, sanitation and education, as well as further environmental conservation.

2 Blue Ventures

Blue Ventures is working with coastal communities to develop the Google Earth Engine ***Mangrove*** Mapping Methodology (GEM). GEM is an accessible, cloud-based tool that supports rapid monitoring of ***mangrove*** cover and historical land use change. Blue Ventures hopes that GEMs simple interface will help ***mangrove*** ***blue carbon*** initiatives get off the ground.

3 Friendship Bangladesh

Friendship Bangladesh is led by Runa Khan, a social innovator with Schwab. Khan is developing a ***mangrove*** plantation and livelihood diversification initiative to help protect climate-vulnerable communities in Bangladesh. The groups work has already yielded a 63 percent increase in incomes and created 75 women-led ***mangrove*** forest protection groups.

4 Distributed Additive Manufacturing (DAM) and Worldview Impact Foundation

This partnership aims to deploy a factory in a shipping container in Gambia, enabling the conversion of ocean-bound plastic waste into reusable and fully recyclable seedling incubators to increase the survival rate of ***mangrove*** plantings.

5 The Nature Conservancy (TNC) in Latin America

TNC is hosting two blue conservation programmes in Belize and Mexico. In Belize, the group is piloting ***Blue Carbon*** Resilience Credits (BCRC) that will attract buyers willing to offset carbon emissions with third party-verified metrics of carbon and flood reduction benefits. The Belize project will piggyback off of TNCs experience in Mexico and incorporate restoration projects into its policy.

6 ReforestAction together with Yagasu

This partnership is using ReforestActions crowdplanting digital platform to connect several villages as they restore degraded ***mangrove*** forests in Sumatra. Since 2017, the group has helped 770,000 new ***mangrove*** seedlings take root. Theyre aiming to plant 1 million more by the end of 2023.

7 Kelp Forest Foundation

The Kelp Forest Foundation wants to prove that kelp can provide ecosystem and carbon sink services. They are supporting emerging independent research that quantifies the carbon sequestration and biodiversity-building potential of giant kelp.

8 Distant Imagery Solutions

Distant Imagery Solutions creates drones from simple and scalable 3D-printed components and pairs them with precision planting to help restore ***mangroves***. Their drones can drop 2,000 germinated seeds, or 500 seedballs, in 10 minutes.

9 Silvestrum Climate Associates

Silvestrum has partnered with Verra and other partners to develop the Seascape Carbon Initiative (SCI). The SCIs goal is to unlock the potential for coastal and marine activities that could generate significant and verifiable climate values. The group is investing in ocean carbon drawdown by expanding seascapes and ecosystems that include wild and farmed seaweeds, marine protected areas and seabed restoration.

10 The Ocean Foundation

The Ocean Foundation has partnered with the Mexican Commission for Protected Areas (CONANP) and multiple Mexican universities to build coastal resilience in Xcalak Reefs National Park. Their projects goal is to enhance coastal resilience through seascape restoration including dunes, seagrasses, ***mangroves*** and corals. As a long-term objective, the group wants to sell ***blue carbon*** credits to generate resilient income streams for the local indigenous community.

11 Yayasan IKAMaT

Yasan IKAMat developed ***Mangrove*** Tag, an online ***mangrove*** mapping platform. ***Mangrove*** tag facilitates monitoring patrols and in-field reporting on the condition of ***mangrove*** ecosystems with community participation. It also collects metadata on species, damage, planting and tourism.

12 Solon Capital Partners

Solon established the Africa Conservation Initiative (ACI) to help conserve an restore the Sherbo River Estuary (SRE) in Sierra Leone The project promotes conservation by selling carbon credits and developing alternative livelihoods for local communities. The ACI is using its deep ties with indigenous communities to achieve its dual aims of conversation and development.

**Classification**

**Language:** ENGLISH

**Publication-Type:** Web Publication

**Journal Code:** 812

**Subject:** BLUE ECONOMY (90%); CARBON OFFSETS (90%); CONSERVATION (90%); SALTWATER ECOSYSTEMS (90%); EMISSIONS CREDITS (89%); PLANT CONSERVATION (89%); PRODUCT INNOVATION (89%); BIODIVERSITY (78%); EMISSIONS (78%); FORESTS & WOODLANDS CONSERVATION (78%); MARINE RESOURCES MANAGEMENT (78%); ASSOCIATIONS & ORGANIZATIONS (77%); FORESTRY & ENVIRONMENT (77%); ENVIRONMENTAL & WILDLIFE ORGANIZATIONS (76%); FORESTS & WOODLANDS (76%); LAND USE & DEVELOPMENT (76%); WILDLIFE CONSERVATION (76%); GREENHOUSE GASES (75%); MANUFACTURING FACILITIES (74%); ENVIRONMENT & NATURAL RESOURCES (71%); LAND USE PLANNING (70%); PLASTIC POLLUTION (60%); PLASTIC WASTE (60%)

**Industry:** BLUE ECONOMY (90%); CARBON OFFSETS (90%); EMISSIONS CREDITS (89%); EMISSIONS (78%); FORESTS & WOODLANDS CONSERVATION (78%); MANUFACTURING (78%); MARINE RESOURCES MANAGEMENT (78%); FORESTRY & ENVIRONMENT (77%); FORESTRY & LOGGING (75%); MANUFACTURING FACILITIES (74%); LAND USE PLANNING (70%); PLASTIC POLLUTION (60%); PLASTIC WASTE (60%); 3D PRINTING (50%)

**Geographic:** BELIZE (92%); MEXICO (92%); BANGLADESH (90%); LATIN AMERICA (79%); PHILIPPINES (73%); KENYA (54%); GAMBIA (51%)

**Load-Date:** March 8, 2022

**End of Document**