



Plenary
9-11 May 2023

Management and Conservation of Blue Carbon Ecosystems (MACBLUE)

In Pacific Island Countries

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MACBLUE

Management and Conservation of Blue Carbon Ecosystems

Partner Countries

Fiji, Papua New Guinea, the Solomon Islands, Vanuatu

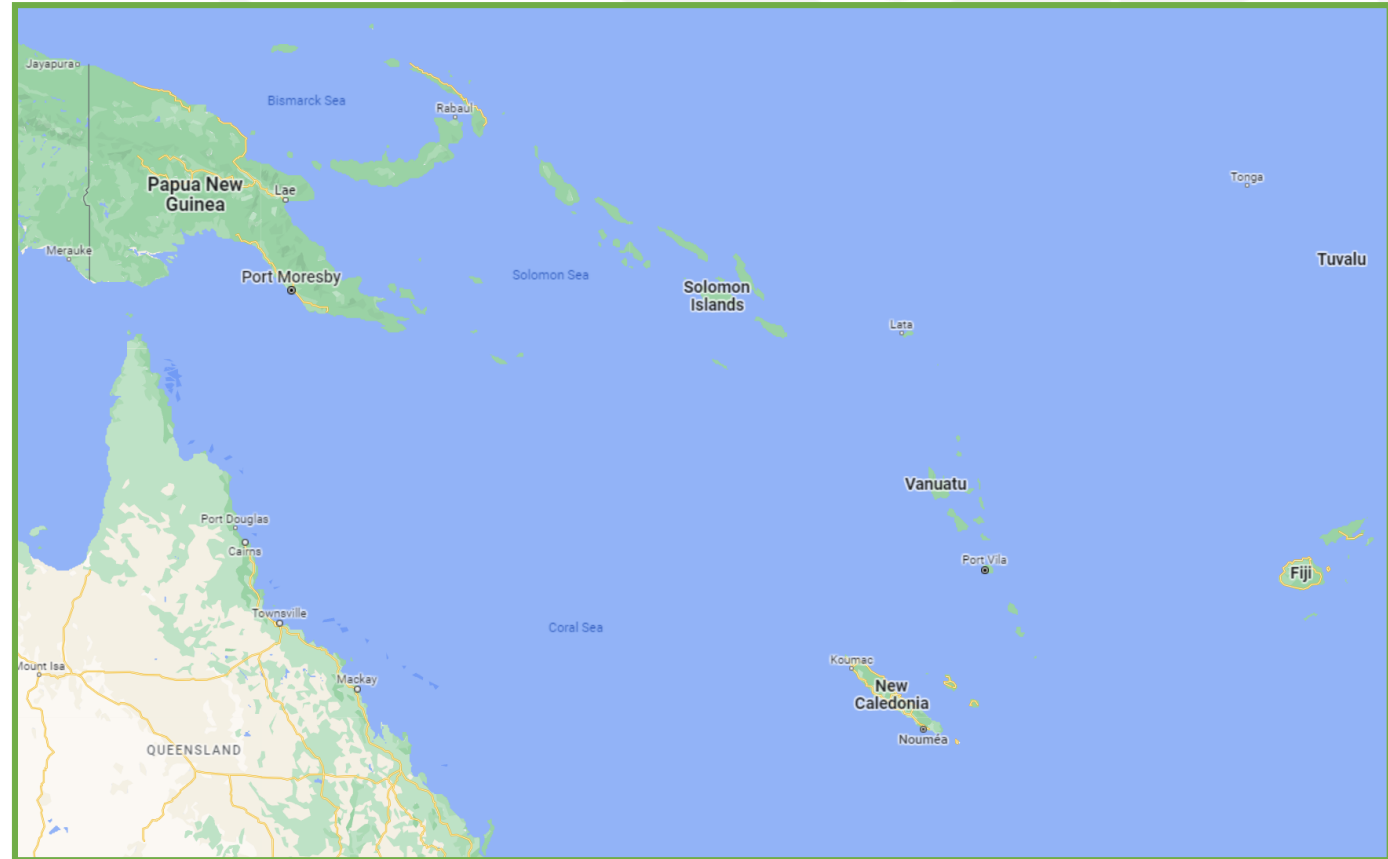
Implementing partners

Pacific Community (SPC)

Secretariat of the Pacific Regional Environment Programme (SPREP)

Implementation

Until December 2025



MACBLUE Project Logic



Strengthening Coastal Biodiversity Conservation and Management through Protection and Rehabilitation Incentives for Coastal Carbon Sinks in Pacific Island Countries



Relevance

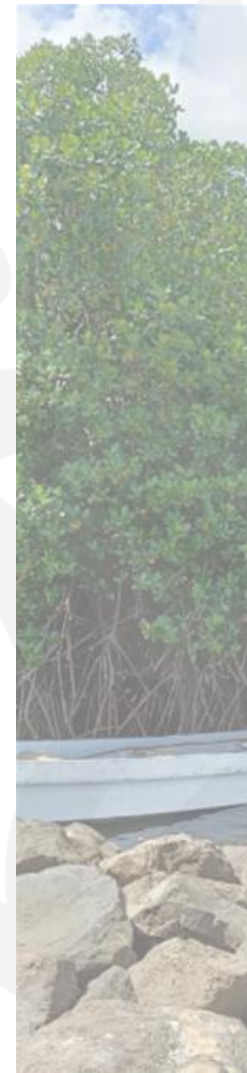
Blue carbon ecosystems in Pacific Island countries **provide essential ecosystem services** - **Habitat loss** has increased rapidly but is hard to monitor

Methods for **carbon stock assessment** in blue carbon ecosystems exist but have not been applied consistently in Pacific Island Countries

National and regional developments AUS Indo Pacific Carbon Offset Scheme; Blue Carbon mentioned in LEDS and NDCs; **Private Sector** shows increasing interest to invest in Blue Carbon projects

UN CBD COP 15 Strong role of Coastal Ecosystems in post-2020 Global Biodiversity Framework

UNFCCC COP27 PICs confirmed their interest in participating in Article 6 Schemes



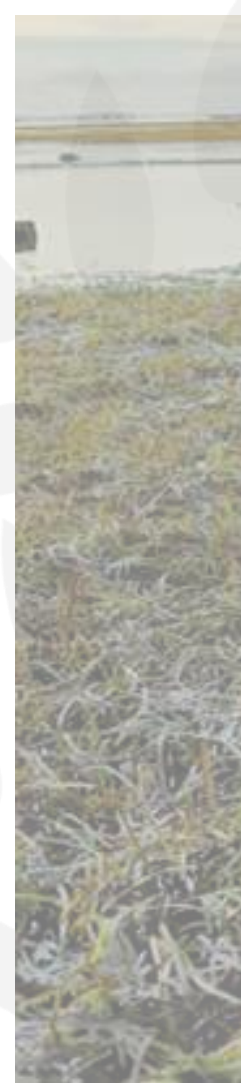
Blue Carbon Monitoring in PIC

Joint needs by countries

- Hardly no experience in Seagrass monitoring; cost intensive
- No country specific Emission Factors for mangroves or seagrass.
- Strong interest by Project Developers in BC VCM projects – lack of regulatory framework
- Define coherent strategies within shared intersectoral responsibilities

Experiences to build on

- Fiji: different mangroves dataset (2016); scattered seagrass maps
- PNG: Blue Carbon Framework and Policy under development; mangroves included in REDD+ activities and UNFCCC Reporting
- Vanuatu: National Forest inventory 2021 with mangroves Dataset concluded
- Solomon Islands: Mangroves part of FREL



Approach to BC Monitoring in PIC

Coordination with and strengthening relevant regional institution to assure long term sustainability. National Capacity Building.

Developing national and regional monitoring programs

- carbon stock assessment and development of EF part of it
- other ecosystem services

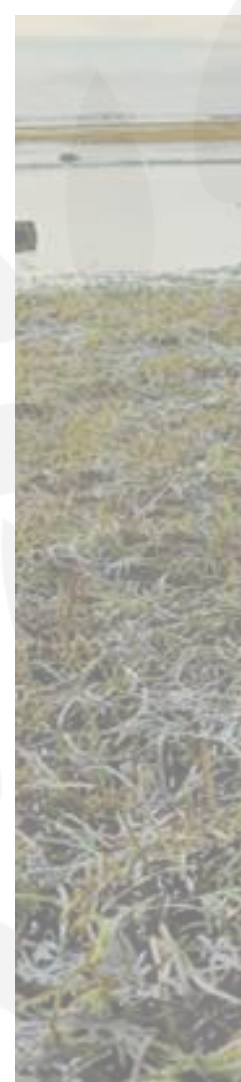
Standardizing and harmonizing monitoring protocols, assuring integration into UNFCCC Reporting (FREL, NDC, National Communication)

- Continuous exchange amongst (GFOI) partners on best practices

Improving remote sensing and mapping techniques, build on open data

Engaging local communities and stakeholders:

- e.g. understand drivers of change; co-benefits
- Integrating traditional ecological knowledge: more holistic understanding



Possible contribution from and to GFOI

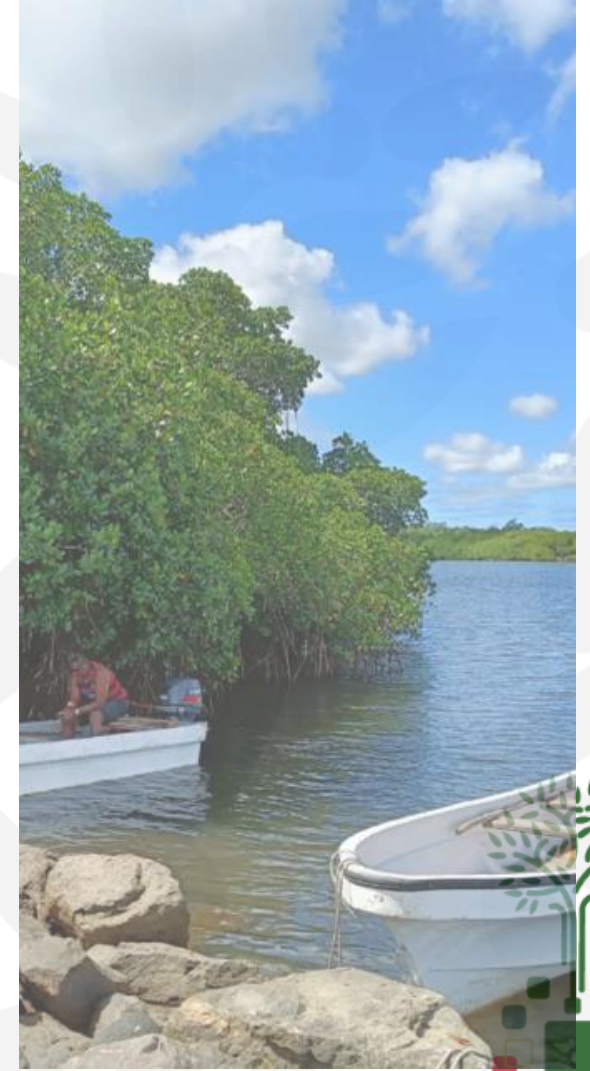
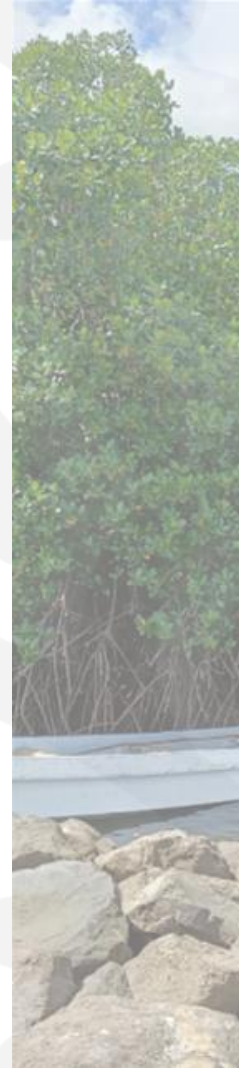
Project builds on activities by GFOI Partner in REDD+ and Blue Carbon:
FCPF Readiness, GIZ REDD+ Readiness, Australia BC activities; USFS; Silva Carbo Workshop

Coordination with GFOI Partner activities: USFS, SilvaCarbon, USFS,...
- Joint strengthening of national and regional Remote Sensing Units

Project results to be **scaled up within in Pacific Islands** in coordination with GFOI partners;

Data generated (Activity data, Emission Factors) **to be shared** widely

Generating practical lessons learnt in including Blue Carbon Reporting into UNFCCC Reporting





Thank you.

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