

# Harnessing the Value of Seagrass Carbon

*Results from research on viability in the carbon market for seagrass in Indonesia*

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Blue Carbon Lead, GRID-Arendal  
IPBC Annual Dialogue 2024  
Cairns, 01 Oct 24



Norad

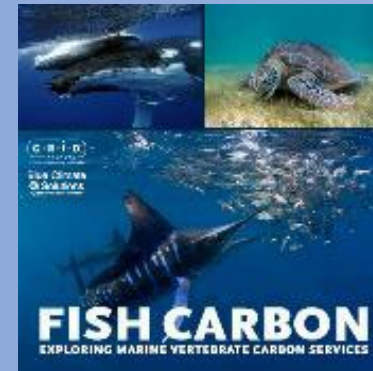
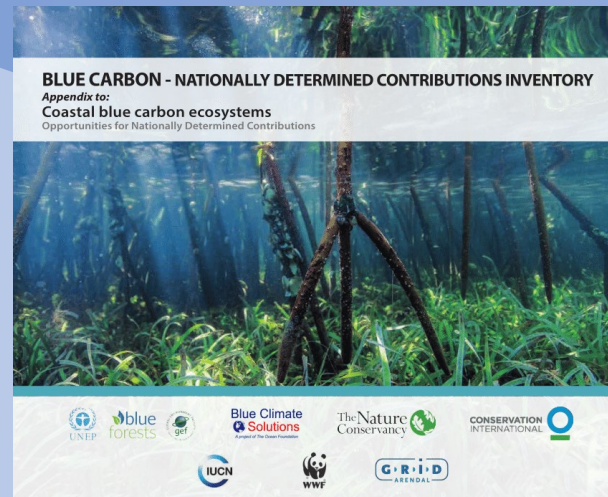
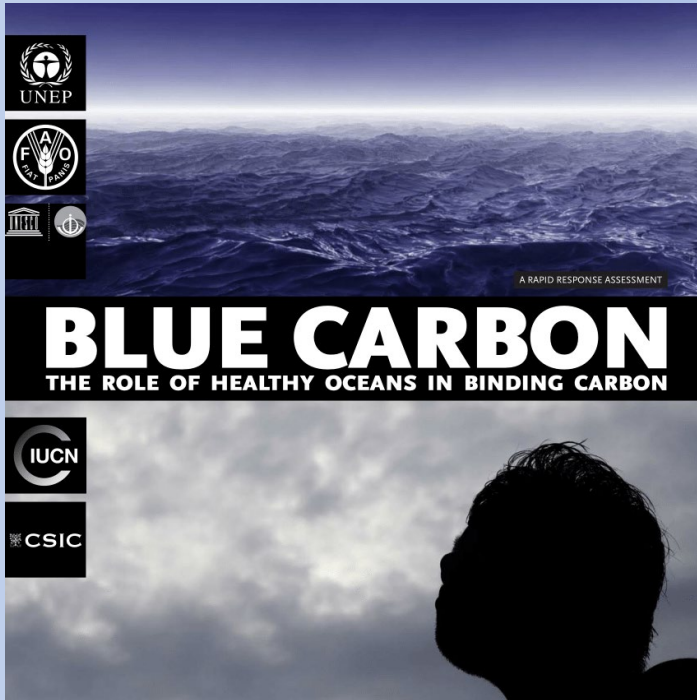


- Non-profit foundation.
- Environmental communications centre.
- Supported by the Norwegian government.
- Partner of the GRID-Arendal United Nations Environment Programme.

Mission:

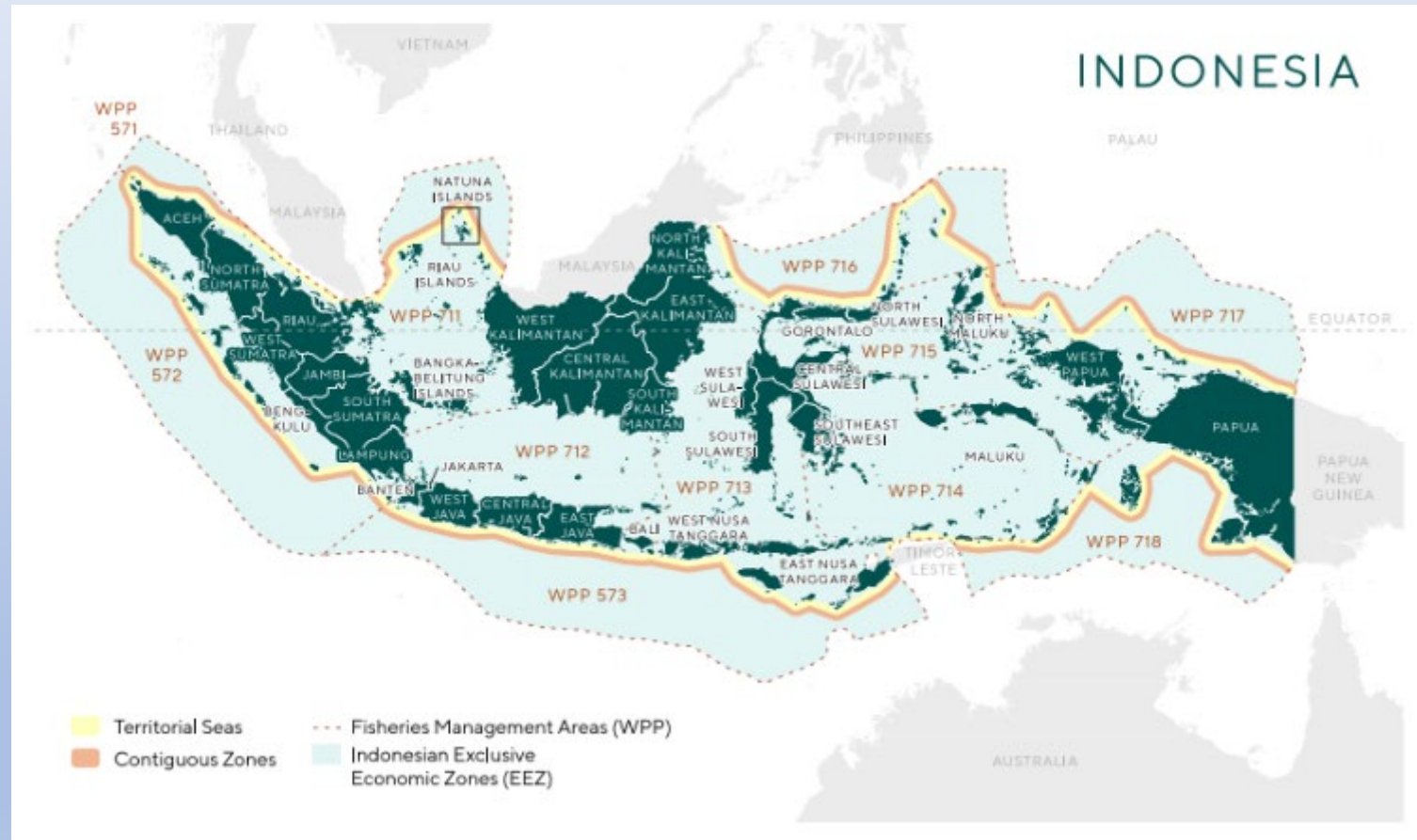
- To support environmentally sustainable development through the environmental work of the UN and other partners.
- To communicate information that strengthens capacity and motivates action by decision-makers.
- Integrity, professionalism and respect for diversity





UNEP Blue Carbon, 2009  
Produced by GRID-Arendal

# Indonesia High Integrity Blue Carbon Market Project



# “The market is an excellent servant, but a terrible master”

Integrity issues:

1. Is it real carbon?
2. Who benefits?

Integrity issues = perceived risks



# MIKOKO YETU

## UMUHIMU WA MIKOKO

- Mazingira ya samani.
- Mafanikio ya yumbwe kama kaa na korobe
- Huzaya imarwioyoko wa udongo
- Huruo ya uchaftu utokan nchi kavu
- Kiani
- Dawa ya hurubo
- Ufungaji wa nyuki na kurina asali
- Utalii
- Utalii



# MTIRIRIKO WA FEDHA ZA MAUZO YA HEWA KAA MWAKA 2020



# PESA ZA VANGU

## PESA ZINATOKA

### 1. Mauzo ya hewa

-Iwapo tutatimiza kila mwaka (ya kila mwaka) imetunzwa na tuna maeneo yaliyofanyika katika hali yake ana njia mbada ya matumizi kuti kupandwa (miti) basi tutaweza 5025 kila mwaka (Kila kredit = 1) Pia tutaweza kila mwaka soko la hewa kila mwaka kipekee ni £8-10 tutaweza kuuza kila mwaka £40,635-£51,000

### 2. Granti za hewa

-Tunaweza kuuza huu na pia tutaweza wanafunzi na wanafunzi

### 3. Misaada ya hewa

-Tunaweza kuuza pesa kwa kazi ya hewa

# High Integrity Blue Carbon Market Technical Workshop

Jakarta, Indonesia • 11–14 June 2024

# Marketing seagrass

Amber Baker

Acting Director & Project Officer

The Association for Coastal Ecosystem Services



# Association for Coastal Ecosystem Services (ACES)

## MORE THAN 10 YEARS EXPERIENCE

Development and management of award-winning community led blue carbon projects in Kenya.

## REAL COMMUNITY LEADERSHIP, REAL DELIVERY

Project managed on the ground by elected committee; democratic benefit process.

## CHARITY WITH SCIENTIFIC EXPERTISE

Academic partnership; expertise in African seagrass.







Beneath The Waves

## SEAGRASS IN THE VCM

- Increasing interest and visibility but limited uptake and projects in VCM.
- More uncertainties so less revenue than mangroves but that's only part of the story...
- Payments for Ecosystem Services (PES) e.g. carbon credits, provide benefits that would have been absent without these payments.

# ACES' journey with seagrass

## CARBON-PLUS APPROACH AT THE PROJECTS

Citizen science approach included in project design document and reported annually to Plan Vivo.

## LOCALLY MANAGED MARINE AREA AT VANGA BAY

Development through community consultations; supporting fisheries but challenge of long term and sufficient funding.

## VANGA SEAGRASS PROJECT - PLAN VIVO NATURE

Support for local livelihoods, fish and IUCN Red List species including Dugongs, turtles and dolphins.



ACES



# Vanga Seagrass Project

Protecting vital ecosystems to benefit local communities, biodiversity and climate.

**18,500**      **225**



Households supported



Hectares conserved



# Blue carbon & Results-Based Payments (RBP)

- Incentivizes carbon sequestration through financial means (REDD+ mechanism).
- Achievement of specific environmental goals.
- RBPs are typically more tightly regulated, and policy aligned.



# Next steps

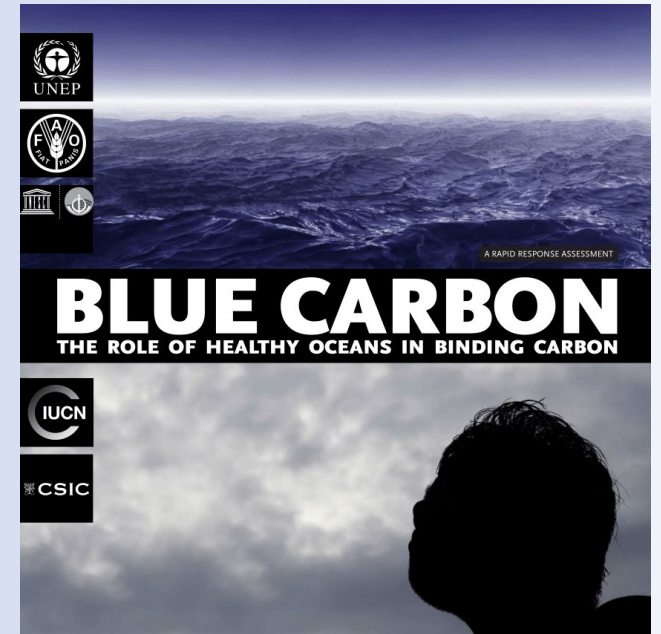
## Indonesia:

- Pilot financial mechanisms in support of MPAs
- Technical work in support of MRV and NDC inclusion

## Other:

- UNEP “Blue Carbon 2”
- UNEP Blue Carbon & Corruption
- Measurable high integrity?

Thank you!



Norad

