



Investing in the climate
solution provided by nature

BlueO₂

The role of blue carbon ecosystems in climate change

- Combined role climate mitigation and adaptation
- 190 million ton of CO₂ is captured each year
- Global blue carbon stock is 3.36 billion ton
- Net effect is NEGATIVE
- 2-7% of carbon stock is destroyed
- 30-50% has been lost (IUCN 2009)
- Release of CO₂ is 150- 1000 million ton of CO₂
- Emission ranking between France and the UK

KEEP IT IN THE GROUND: CO2 credits for conservation

1. Regenerated carbon storage capacity of wetlands and coastal ecosystems
 2. Account for and mitigate effects of sea level rise
 3. Quantify climate impact based on VCS standard
 4. Quantify additional impact Community & Biodiversity
 5. Develop blue carbon marketing platform
- Financial sustainability of MPAs
 - Increased commitment public and private stakeholders

Part of the mix

Limitations: price, size, cost of measurement
Do we need scale?

- 1. Initial investment public/philanthropic**
- 2. 3-5 year project costs become structural**
- 3. 3-5 year income from CO₂ credits optimal**
- 4. Expand area (grouping)**
- 5. Diversify, create other funding sources**

Pilot Aruba

- 1. Identified project site:
Spanish Lagoon**
- 2. RAMSAR not under active
management 70 ha**
- 3. Connects to local initiative
for marine park**
- 4. Potential for grouping
with 15 other areas on
and around the island**



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