

# Blue Carbon Indonesia: An Overview

Frida Sidik  
Research Centre for Oceanography  
National Research and Innovation Agency

**IPBC Dialogue**  
UNESCO Headquarter Paris, 22-24 February 2023



# NATIONALLY DETERMINED CONTRIBUTION

## MULTI SECTORAL CONTRIBUTION



Agriculture



Forestry &  
Peatland



Waste



Industry



Energy &  
Transport

(29) **32%**

National Effort



(41) **43%**

International Support

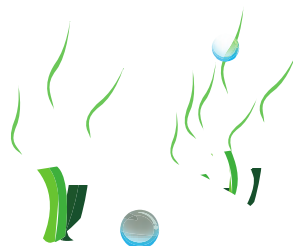


## BLUE CARBON ?



**950**

Mg C ha<sup>-1</sup>  
carbon stored  
in mangrove



**119.5**

Mg C ha<sup>-1</sup>  
carbon stored  
in seagrass

**3,3 millions ha**

**3 millions ha**

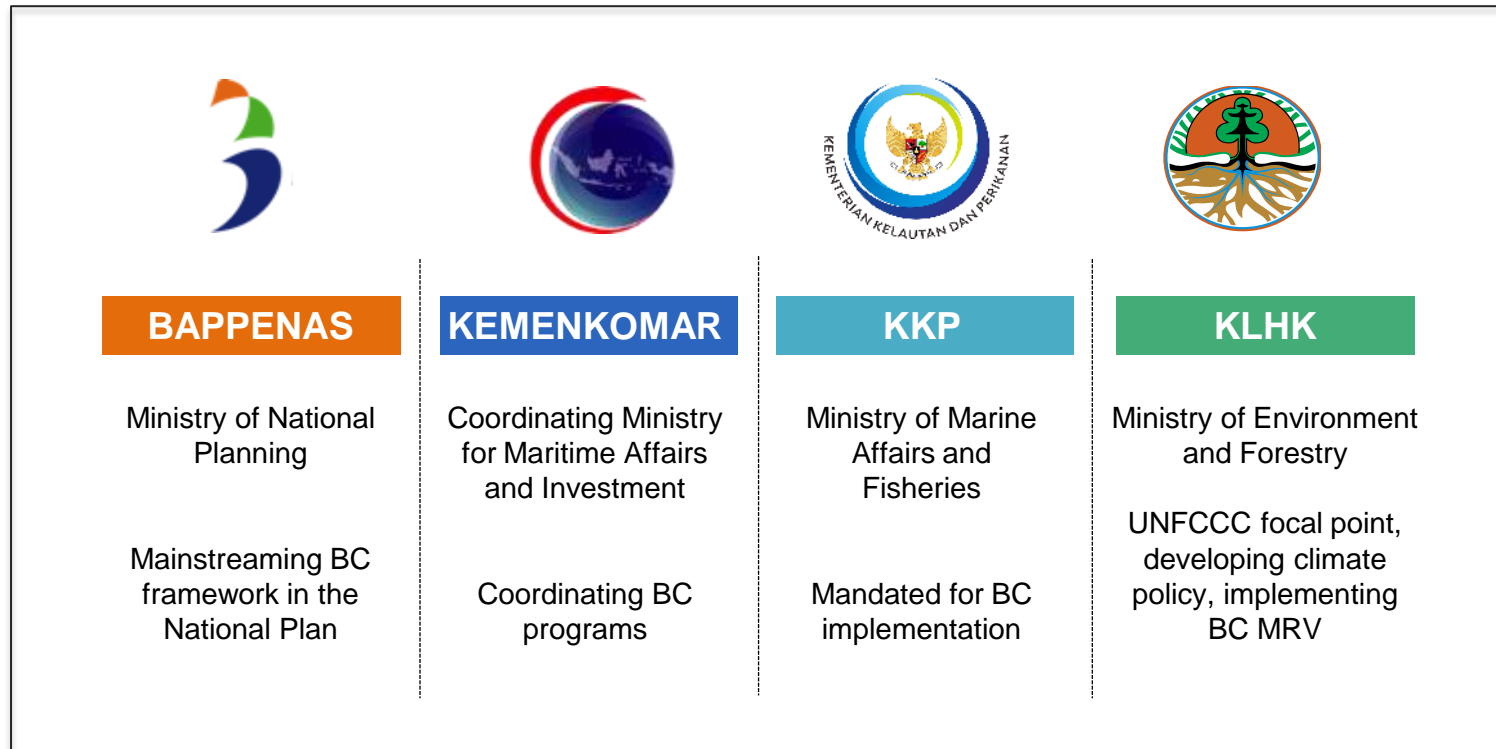
(Alongi et al, 2015)

EMISSION  
REDUCTION  
TARGET  
BY 2030

Indonesia NDC Report 2022



# National institutions Blue Carbon - NDC



## BRGM

Peatland and Mangrove Restoration Agency

Leading mangrove R/R programs

## BRIN

National Research and Innovation Agency

Leading BC research programs

## KEMENKEU

Ministry of Finance

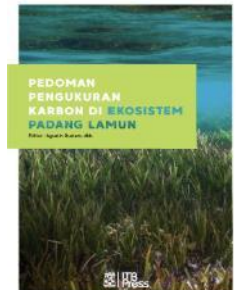
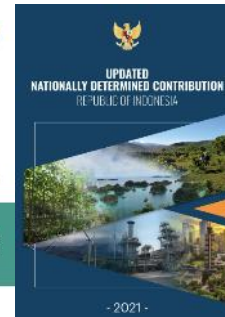
Managing funds related to forestry and marine programs

## KEMENDAGRI

Ministry of Home Affairs

Coordinating sub-national government

# BLUE CARBON INDONESIA: MILESTONES



# WAY FORWARD

1. Mainstreaming BC into low carbon development agenda at national level by
  - Building coalitions across government agencies
  - Revising and activate existing regulatory framework including policy on sustainable use of BC resources towards low emissions
2. Developing BC program at sub national levels
  - Conservation and Restoration/rehabilitation programs
  - Deforestation should be stopped
3. Improving science and technology for BC monitoring, reporting, verification and methodology
4. Establishing regulatory framework for BC in NDC - carbon market.

