

Value of Blue Carbon Initiatives

Integrative action of CN, CE, and NP



G7 Hiroshima Leaders' Communiqué

We will engage with developing and emerging countries to accelerate emission reduction, including by supporting their transitions to climate resilient, **circular, and nature positive economies and net-zero GHG emissions** through various and practical pathways taking into account national circumstances. ...

Blue Carbon is one of the integrated symbols of the G7 principles

Multifaceted Value of Blue Carbon Initiatives

Climate Change mitigation

- carbon storage
- carbon cycle

Biodiversity Conservation

- marine environment
- fisheries environment

Regional Development

- maintaining local industry
- community revitalization

Fostering Environmental Awareness

- environmental education
- Environmental Training

Environment

Economy

Society

Promoted by various organizations

- Government (**Ministry of the Environment**, Ministry of Land, Infrastructure, Transport and Tourism, Fisheries Agency, etc.) /Local Government
- Companies
- NGOs
- Educational/Research Institutions
- Fishery cooperative association/Local community and more

Blue Carbon, a new CO₂ sink that solves social issues

Ministry of the Environment takes the lead in Utilizing Blue Carbon

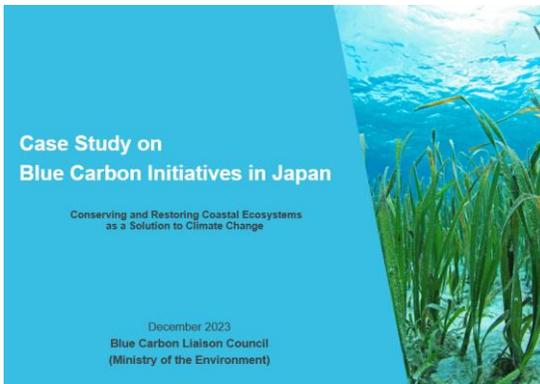
International

- **Developed a calculation methodology** and reported on **mangroves in 2023** for Japan's Greenhouse Gas Inventory.
- Will report **seagrass** and **seaweed** in the Inventory in **2024 earliest**.

Domestic

- Organizes **Blue Carbon Liaison Council** with relevant ministries to share information on initiatives by private sector and ministries.
- Implements 12 **model projects** in 2023 to create a "**positive cycle of conservation, restoration, and creation of seaweed beds and tidal flats, and utilization of local resources**".

Case Study on Blue Carbon Initiatives in Japan



- sharing knowledge and experience
⇒ What kind of activities do you do?
Where is your base of activity?
Who participates in the activity?

- based on **more than 40 specific activities**

Improvement of water bottom quality
Cultivation
Seaweed bed creation
Environmental education
Restoration of fishing grounds
etc.



Promoting "NbS in climate change mitigation" globally

- **Attracts private investment** through crediting system
- Contributes to local economies such as **marine ecosystem, fisheries, and tourism**