Contributing to the Creation of Coastal Blue Carbon Ecosystems (mangrove/ seagrass/ seaweed)

Thảm cỏ biển
Thảm rong biển

" MobaDAS "

- A tool designed to propose suitable locations for creation of coastal blue carbon ecosystems-

Main Entities of Coastal blue carbon ecosystems creation

Private companies, local governments, and fisheries cooperatives

Aiming to develop more feasible plans for creating coastal blue carbon habitats!

- ✓ Insufficient access to environmental information related to the growth of blue carbon habitats
- ✓ Uncertainty about whether an area is suitable for the growth of blue carbon habitats

Proposed system

【 MobaDAS 】

Moba Data Acquisition System

- Easier access to environmental information
- Understanding the growth potential of blue carbon habitats in candidate areas
- Obtaining more comprehensive environmental information

Creating Coastal blue carbon ecosystems

Realizing abundant oceans

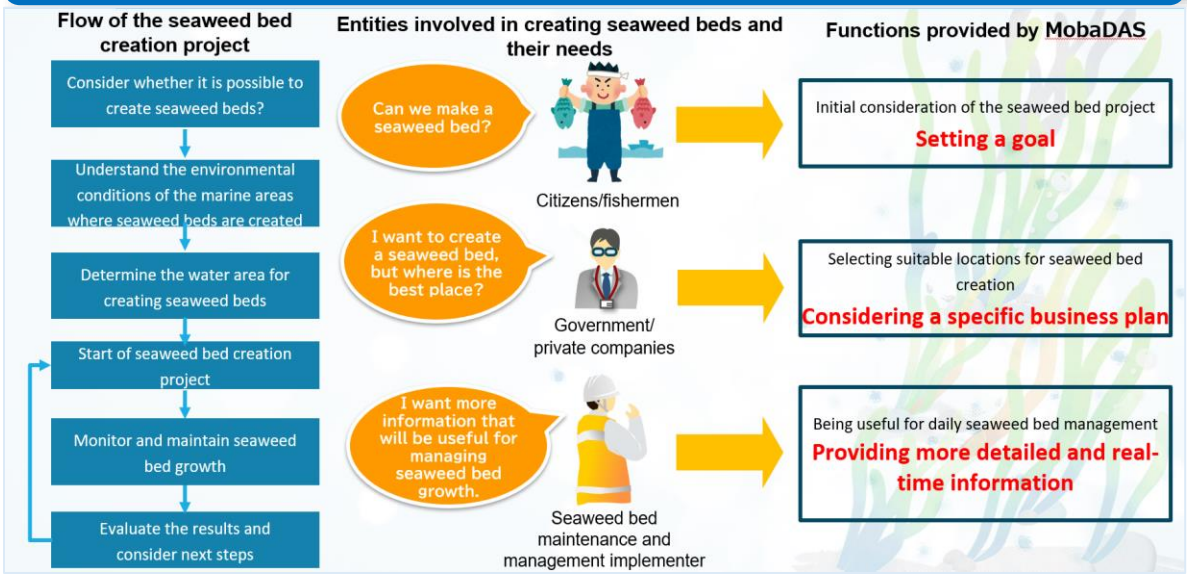
Decarbonized Society

"Moba" is a Japanese word that means blue carbon habitats.

Why MobaDAS?

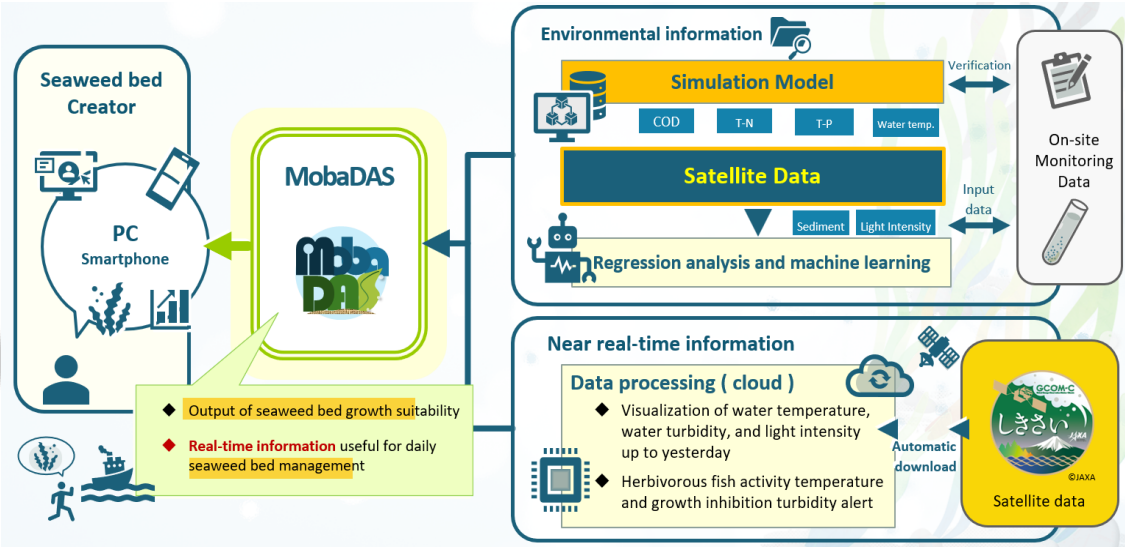
- The growth of coastal blue carbon ecosystems depends on many environmental factors, making assessments costly, time-consuming and requiring specialized technology.
- **MobaDAS** addresses these challenges by integrating satellite imagery, water quality simulation data and publicly available observations to visualize the growth potential of blue carbon habitats.
- This supports more successful coastal blue carbon ecosystems creation projects—while significantly reducing startup costs & contributing to the transition toward a decarbonized society.

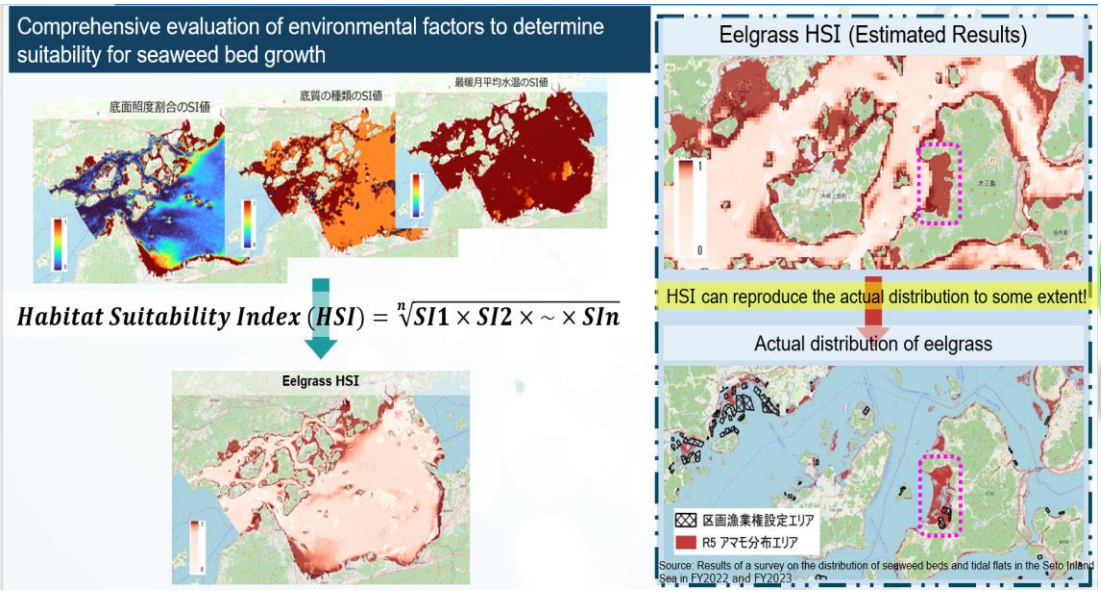
Blue Carbon Habitats Creation Project and MobaDAS



Contributing to the Creation of Coastal Blue Carbon Ecosystems (mangrove/ seagrass/ seaweed)

Input Data and Methodology





Evaluate the suitability of environmental factors for the growth of Blue Carbon Habitats

Features of MobaDAS