

- The Ministry of Land, Infrastructure, Transport and Tourism (MLIT) is working to create an environment that promotes the use of Blue Carbon to achieve carbon neutrality by increasing CO<sub>2</sub> sink through conservating Blue Carbon Ecosystems\* and rich-biodiverse ocean.
- Also, MLIT has been promoting Blue Carbon Ecosystem and port structures with habitat that attracts marine life, with the effective use of dredged sediment and industry by-product, as well as considering a new system which brings environmental organizations and companies together.
- In addition, Japan Blue Economy association (JBE), which was authorized by MLIT, has been implementing the “J Blue Credit®” system. This system enables carbon credit trading by certifying the amount of CO<sub>2</sub> absorption produced by activities from groups which conserve Blue Carbon Ecosystem (Environmental organizations, such as Nonprofit organization, in Japan, etc.).

## 【Efforts to environmental improvement】

### ①Promotion of leading Blue Carbon initiatives (For nationwide development)

- Establishment of organizations and matching support sites for exchange of bearers



### ②Study of a simple calculation method for the expansion of greenhouse gas sink

- Developing drones to monitor the growth of seagrass beds



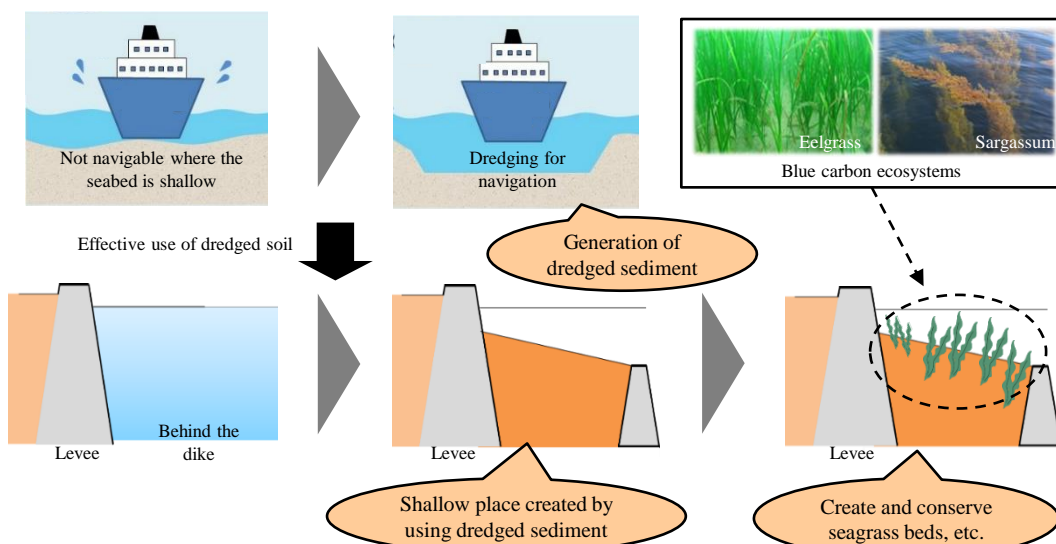
\* Blue Carbon Ecosystems: sea grass, seaweed, tidal flats and mangrove forests

### ③Enhance considerations of environmental conservation in the design and construction of port facilities

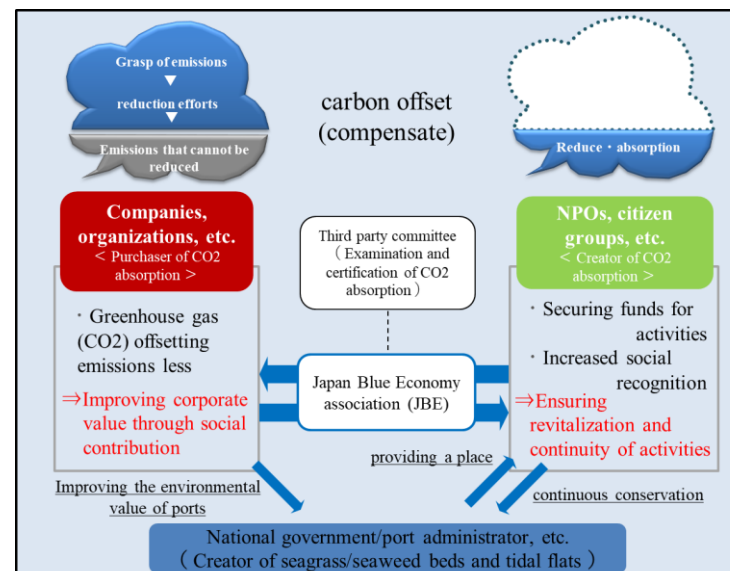
- Study to standardize on biosymbiotic structures



## 【Effective utilization of dredged sediment and industry by-products】



## <J Blue Credit®>



J Blue Credit® Achievements	FY2022
Number of certified projects	21
CO <sub>2</sub> absorption (certified) (t-CO <sub>2</sub> t)	3,733.1
Trading volume (t-CO <sub>2</sub> )	252.5
Number of purchasing companies and organizations (Total number including duplicate)	150
Transaction price (\$/t-CO <sub>2</sub> ) * 1\$=146yen	576