

- 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 CO₂ 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 CO₂ 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



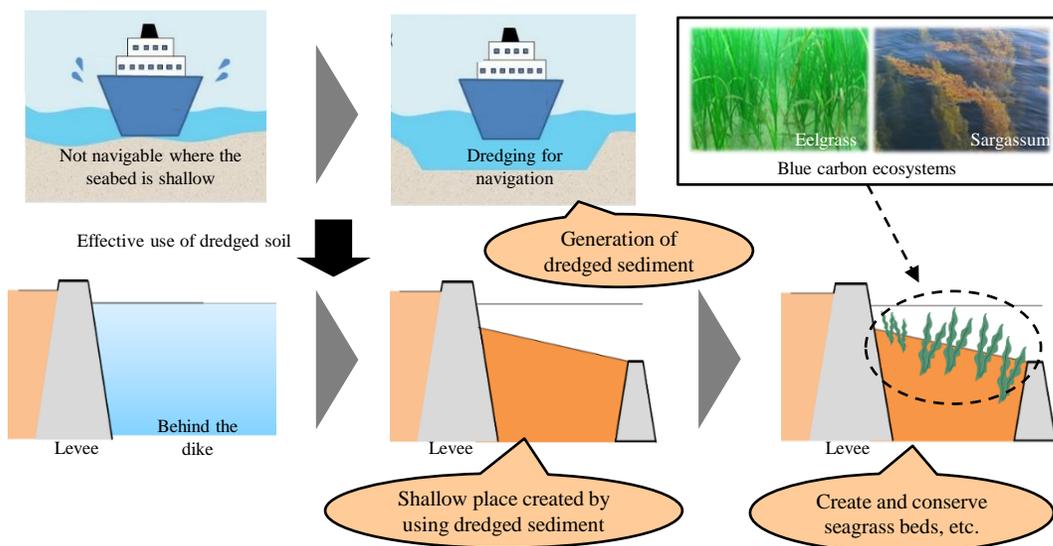
* Blue Carbon Ecosystems: sea grass, seaweed, tidal flats and mangrove forests

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

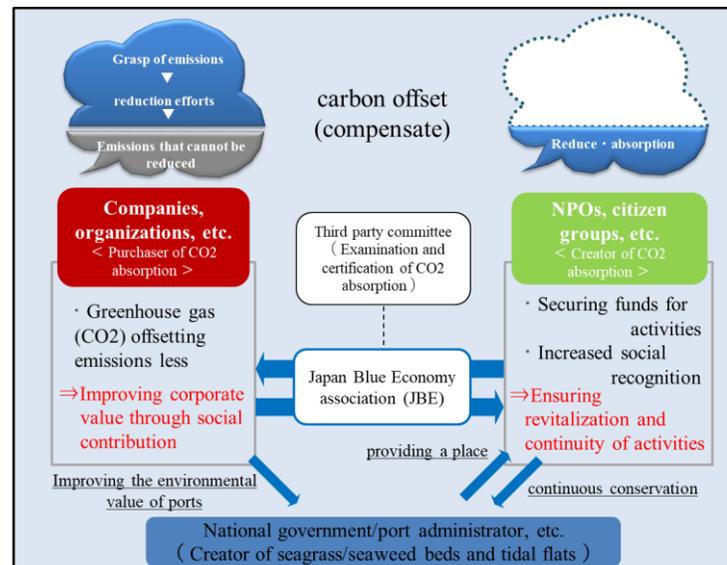
- Study to standardize on biosymbiotic structures



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



<J Blue Credit®>



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