

# Pillar 3 : Multi-layered Connectivity

## Case (39): Green shipping corridors in the Indo-Pacific

### 1. Basic concept

Japan agreed to jointly support the establishment of green shipping corridors under the Quad framework as well as in the Clydebank Declaration proposed by the UK in COP26, 2021.

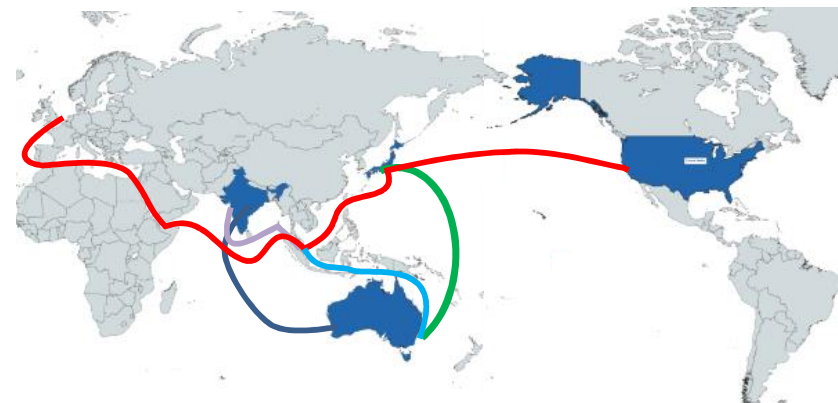
Japan's effort to establish the green shipping corridors will lead to further collaboration and cooperation with the international community. As this effort is envisioned to expand beyond the Quad countries to the Indo-Pacific region. It is consistent with the new FOIP concept.

⇒ **While strengthening connectivity in structural and non-structural aspects, including infrastructure development, will continue to be the centerpiece, realizing more earth-friendly logistics can create new added value.**

### 2. Items of cooperation

- Technological development of zero-emission ships  
(Examples) Using the Green Innovation Fund to support the development of core technologies such as engines and fuel supply system for zero-emission ships fueled by ammonia and hydrogen.  
→ Dedication to the dissemination of zero-emission ships in the Asia-Pacific region.
- Support through the International Maritime Organization (IMO)  
(Examples) In order to promote the initial introduction of zero-emission ships, Japan proposed to support the companies pioneering the introduction of the ships.  
→ Aiming to support the companies engaged in the zero-emission ships operations in each country, so that they can introduce the scheme to reduce their burden.
- Promoting the establishment of carbon neutral ports (CNP)  
(Examples) Promoting the enhancement of port functions with consideration for decarbonization, and the establishment of carbon neutral ports (CNP) to improve the environment for accepting hydrogen.  
→ Dedication to the dissemination of decarbonization technologies in ports, including cargo-handling equipment.

(1) Establishment of the Green Shipping Corridor in the Indo-Pacific (image)



(2) Development of the ships fueled by ammonia and hydrogen



(3) Promoting the establishment of CNP

**Case study of the efforts contributing to decarbonizing supply chains in ports**

