

Regional Action Programme for Sustainable Transport Development in Asia and the Pacific (2022-2026)

The promoting the safety management of Dangerous Goods in the
port areas in the Asia Pacific Region

1 December 2022, Phuket

Mr. Sooyeob Kim
Economic Affairs Officer
Transport Division

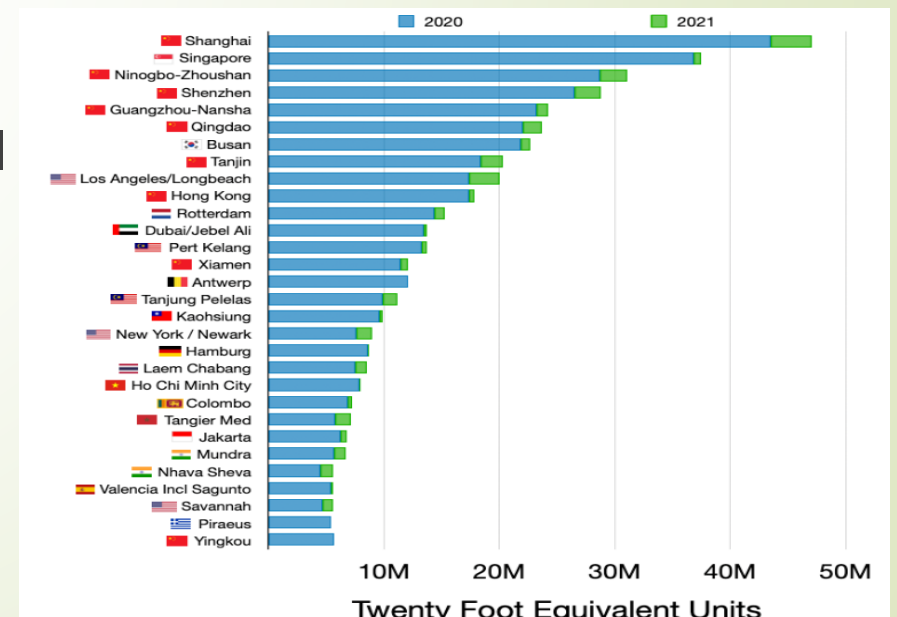
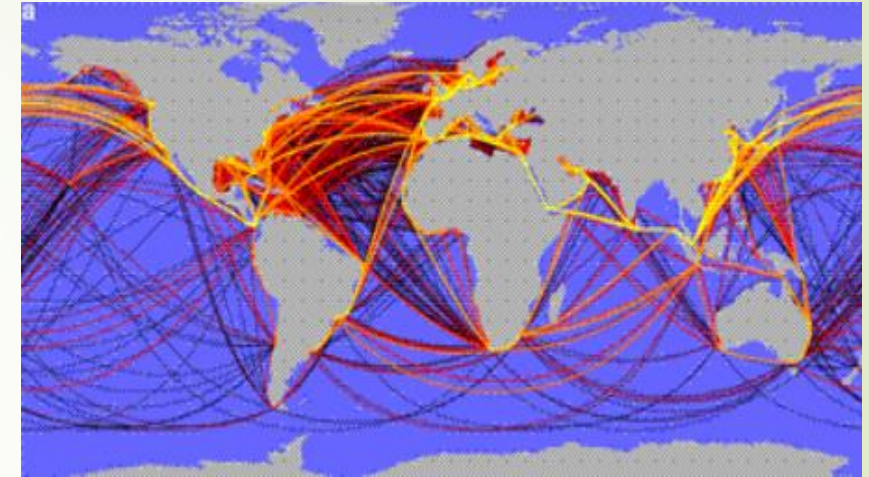


Contents

- 1. Maritime connectivity in Asia and the Pacific**
- 2. Challenges of the Asia-Pacific developing countries**
- 3. ESCAP's efforts on promoting sustainable maritime transport**
- 4. Regional Action Program for Sustainable Transport Development in Asia and the Pacific (2022-2026)**
- 5. Maritime and port safety**
- 6. Way forward**

1. The role of maritime transport in regional economic cooperation and integration in Asia and the Pacific

- More than 80% of world trade is transported by sea
- Asia-Pacific region represents the largest portion of global seaborne trade:
 - Accounts for 59% unloading and 40% loading cargoes in global seaborne trade
 - Homes 20 of the world's top 30 container ports
 - Shares 56% of global maritime container traffic
- A crucial role in response to Covid-19 and other global crises, ensuring supply of essential goods, e.g., food, energy, particularly for developing countries in Asia and the Pacific
- Dominant position in major shipping activities, including shipbuilding, ship owning and ship scrapping industries



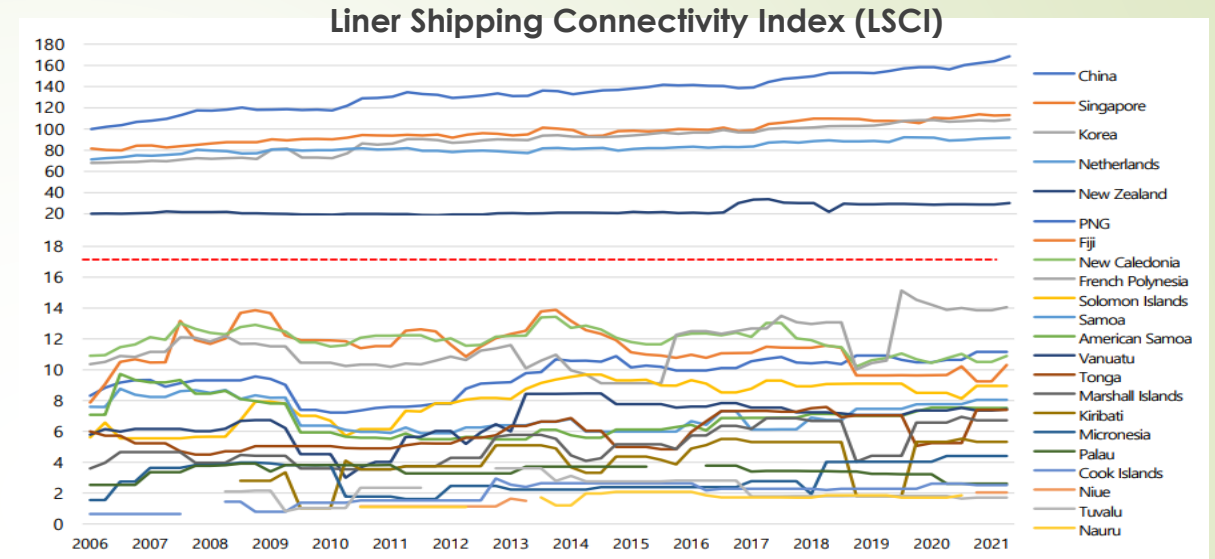
2. Challenges of the Asia-Pacific developing countries

1) Connectivity gaps

- Huge differences between the countries in Asia and the Pacific
- Vicious cycle of low traffic volume and unstable service in the Pacific

2) Common challenges

- Lack of funding and technologies due to changing requirements and growing demand on infrastructure
- Shortage of human resources and gender issues
- Scarcity of environmental and social regulations and Weakness in implementation of global legal frameworks, e.g. IMO Regulations on addressing climate and marine environment issues



Source: “Review of Maritime Transport 2021”, UNCTAD, 2021.

3. ESCAP's efforts on promoting sustainable maritime transport (1)

► Intergovernmental process

- ESCAP resolution(ESCAP/RES/76/1): “Strengthening cooperation to promote the conservation and sustainable use of the oceans, seas and marine resources for sustainable development in Asia and the Pacific”
- ESCAP resolution(ESCAP/RES/78/3): Implementation of the Ministerial Declaration on Sustainable Transport Development in Asia and the Pacific

► Analytical work

- Commission session theme study on “CHANGING SAILS: Accelerating Regional Actions for Sustainable Oceans in Asia and the Pacific (2020)
- Analysis of maritime connectivity and resilient ports in ASEAN and Small Island Developing States in the Pacific(2021-2022)

► Capacity building and technical assistance

- Sustainable maritime session during the ESCAP's annual Ocean Day
- United Nations Sustainable Development Cooperation Framework; A process to mainstream the maritime sector (Thailand, August 2019; Fiji, April 2020)
- Regional/National workshops on sustainable maritime connectivity and resilient port development (online, hybrid and physical meetings)

CURRENT PROJECTS

- Sustainable maritime and port connectivity for resilient and efficient supply chains in the aftermath of COVID-19
- Facilitating sustainable and resilient port development to support sustainable maritime connectivity in Asia and the Pacific
- Improving the safety of navigation and the sustainability of shipping through the introduction of innovative autonomous shipping technologies in the Asia-Pacific region
- **Improving the management of dangerous goods (DG) operations in the port areas in Asia and the Pacific to support sustainable maritime connectivity**

3. ESCAP's efforts on promoting sustainable maritime transport (2)

- ▶ Existing systematic regional dialogue for sustainable transport development



- ▶ **3 Working groups** (road, rail, dry port): Review the regional progress along the regional transport network, based on intergovernmental agreements among member countries
- ▶ **Regional dialogues:** Review and develop works on sustainable and resilient port development to support sustainable maritime connectivity
- ▶ **Transport Committee:** Review RAP implementation performance, current transport issues and future vision based on the outcomes reviewed by the working groups
- ▶ **Regional Action Program:** 5-year's(2022-2026) top-level transport development plan established by the Ministerial Conference on Transport

4. Regional Action Program for Sustainable Transport Development in Asia and the Pacific (2022-2026)

- Adopted at the **Ministerial Conference on Transport in December 2021**
- **Maritime and interregional transport connectivity** as one of the 7 Thematic areas of work
- **RAP activities** on sustainable and resilient maritime connectivity
 - Support a systematic regional dialogue on sustainable and resilient maritime connectivity, including the promotion of the **development of low- and zero-emissions green shipping for Asia and the Pacific** in close partnership with global and regional actors and the shipping industry
 - Assist **Small Island Developing States** in meeting transport challenges and strengthening resilience to future shocks



Strengthening regional cooperation on sustainable maritime connectivity

5. Maritime and port safety (1)

1) Indicators of achievement on Maritime transport connectivity

- Knowledge products and policy recommendations on enhancing the safety of port and maritime operations
- Development of recommendations on the storage of dangerous goods in port areas

2) Full-scale cooperation with IMO

- MOU between the two organizations to strengthen 'future cooperation in the maritime sector in the Asia-Pacific region (September, 2022)
- Major focus areas
 - Marine environment protection and climate change;
 - Maritime transport facilitation in support of global and regional trade flows, and
 - Maritime safety

5. Maritime and port safety (2)

- **On going project:** Improving the management of dangerous goods (DG) operations in the port areas in Asia and the Pacific to support sustainable maritime connectivity
- Project purpose:
 - Develop technical guidelines(recommendations) to promote safe and effective Dangerous Goods management in port areas
 - Seeking opportunities such as regional cooperation to enhance port safety for safe managing dangerous goods and development of education and training programs
- Donor: Korea Ports & Harbours Association (KPHA)/Ministry of Oceans and Fisheries (MOF, RoK)
- Main Activities:
 - Data collection and analysis
 - Develop policy recommendations including technical guidelines
 - Organize capacity building workshop to review policy recommendations for enhancing safety management of Dangerous Goods in ports

5. Maritime and port safety (3)

➤ **Cooperation with partners (France, Republic of Korea and Thailand)**

- Providing expertise
- Technical cooperation
- Jointly organize capacity building workshop

➤ **Milestone**

- Data collection and analysis: On-going (including Survey)
- Draft report: On-going
- Draft policy recommendations: December

➤ **Capacity Building Workshop on “Promoting Safety for Dangerous Goods transportation in the Asia Pacific Region”**

- Purpose: **Training** for safe management of dangerous goods in ports, **Sharing** best practices, **Reviewing** policy recommendations
- A stepstone for further research and action

6. Way forward

➤ **Develop follow-up projects**

- Follow-up workshops to disseminate policy recommendations
- Development of a reference manual to improve dangerous goods safety management
- Analytical study: Research on port infrastructure development for marine energy conversion and response

➤ **Develop regional cooperative platform for promotion of maritime and port safety**

- Reinforcing the current working mechanism
- Collaboration with stakeholders including the private sector
- Developing Maritime Working Group



Transp

