Maritime Singapore
Global Maritime Hub For Connectivity, Innovation, Talent

Sea Transport Industry Transformation Map

Global Hub Port

- Busiest transshipment port in the world today and handles more than 30 million TEUs per year

- Intelligent and automated future port with a handling capacity of up to 65 million TEUs

- Supported by digital platforms such as Next Generation Vessel Traffic Management System to ensure efficient, safe and secure port operations

- Next generation port services harnessing potential of digital technologies

International Maritime Centre

- Maritime Singapore has more than 140 international shipping groups today

- Comprehensive ecosystem of maritime services including classification societies, maritime law, marine insurance and shipping finance

- Expansion of maritime cluster and its interlinkages with adjacent industries (e.g. commodity trading, logistics) will create a vibrant future marketplace

- Attract new players including maritime technology startups and solutions providers

Growth Targets by 2025

$4.5 Billion
increase in value-added

More than
5,000
good jobs created

Connectivity

Expand and deepen our maritime cluster and invest in future port

- Grow pool of international shipping groups and maritime services

- Leverage port to entrench container activities and catalyse growth of new maritime technology players

Strengthen interlinkages with adjacent industries and overseas maritime clusters

- Develop and promote adoption of e-Bills of Lading to facilitate cross-border cargo, information, and financial flows

- Collaborate with other global maritime centres in research, technology and education & training

- Create Tuas Port ecosystem for integrated supply chain solutions

Grow local maritime companies into **global champions**

- Work with local maritime companies to venture into overseas markets

Innovation

Raise productivity through **greater automation, intelligent systems** and **digital technologies**

- Leverage technology and automation (e.g. unmanned AGVs, automated & remote yard cranes, semi-automation of cement unloading crane, sideloaders)

- Enhance process automation for ship agents

- Build Maritime Single Window to streamline reporting and documentation for port clearance

Drive **digitalisation** of port community

- Develop intelligent cargo terminals, digital platforms, smart harbourcraft, autonomous systems and robotics

- Drive test-bedding of new innovative solutions through MPA Living Lab, PSA and Jurong Port Living Labs

Build a vibrant **maritime innovation ecosystem**

- Build capabilities of local technology solutions providers and startups

- Partner Institutes of Higher Learning and Research Institutes to develop and enhance maritime R&D research capabilities

Talent

Future-ready maritime workforce with professional standards and **global mindset**

- Develop industry-recognised professional certification and competencies using relevant tools (e.g. Maritime Cluster Fund, Skills Framework)

- Redesign job roles and reskill workers for smooth workforce transition

Multiple pathways to **rewarding and enriching** maritime careers

- Create pathways to enter and progress within the maritime industry (e.g. SkillsFuture Earn and Learn Programme, SkillsFuture Study Awards, management associate programmes)

Strengthen quality of maritime training and education

- Incorporate industry-relevant content and industry exposure components in maritime curricula

- Foster collaboration between universities, polytechnics, ITEs, PSA Institute, and Jurong Port Academy to deliver relevant training programmes

- Work with Singapore Maritime Academy, Wavelink Maritime Institute and e2i to drive skills training

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