

SEA TRANSPORT INDUSTRY TRANSFORMATION MAP

**FUTURE
ECONOMY**

The sea transport industry is a critical pillar supporting the nation's economic development through better access to markets and enhancing the physical links within and between businesses.

VISION

To be a Global Maritime Hub for Connectivity, Innovation and Talent.



PILLARS OF TRANSFORMATION

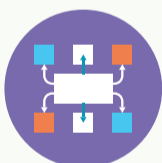
JOBS & SKILLS



Develop industry-recognised professional certification and competencies



Redesign job roles and reskill workers for smooth workforce transition



Create multiple pathways to enter and progress within industry



Strengthen quality of maritime training and education

PRODUCTIVITY



Leverage technologies to streamline workflow and reduce manual repetitive work



Enhance sensors and analytics for greater sense-making and predictive maintenance



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

INNOVATION



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



Build capabilities of local technology solutions providers and start-ups



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

INTERNATIONALISATION



Grow pool of international shipping groups and maritime services



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



Strengthen interlinkages with adjacent industries and overseas maritime clusters



Work with local maritime companies to venture into overseas markets

EQUIP YOURSELF FOR THE FUTURE...

Upskill and train the workforce:

[Skills Framework for Sea Transport](#)

[Sea Transport Study Awards](#)

Enhance productivity with technology:

[EDB Productivity Grant](#)

Boost capabilities through innovation:

[Areas for Innovation](#)

Go global:

[Opportunities to Tap On](#)