



MARITIME TECHNOLOGY COOPERATION CENTRE – PACIFIC (MTCC-PACIFIC)

CAPACITY BUILDING FOR CLIMATE MITIGATION IN THE MARITIME SHIPPING INDUSTRY THE GLOBAL MTCC NETWORK (GMN) PROJECT

NDCs, an opportunity to enhance mitigating GHG emissions from shipping?

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EUROPEAN UNION

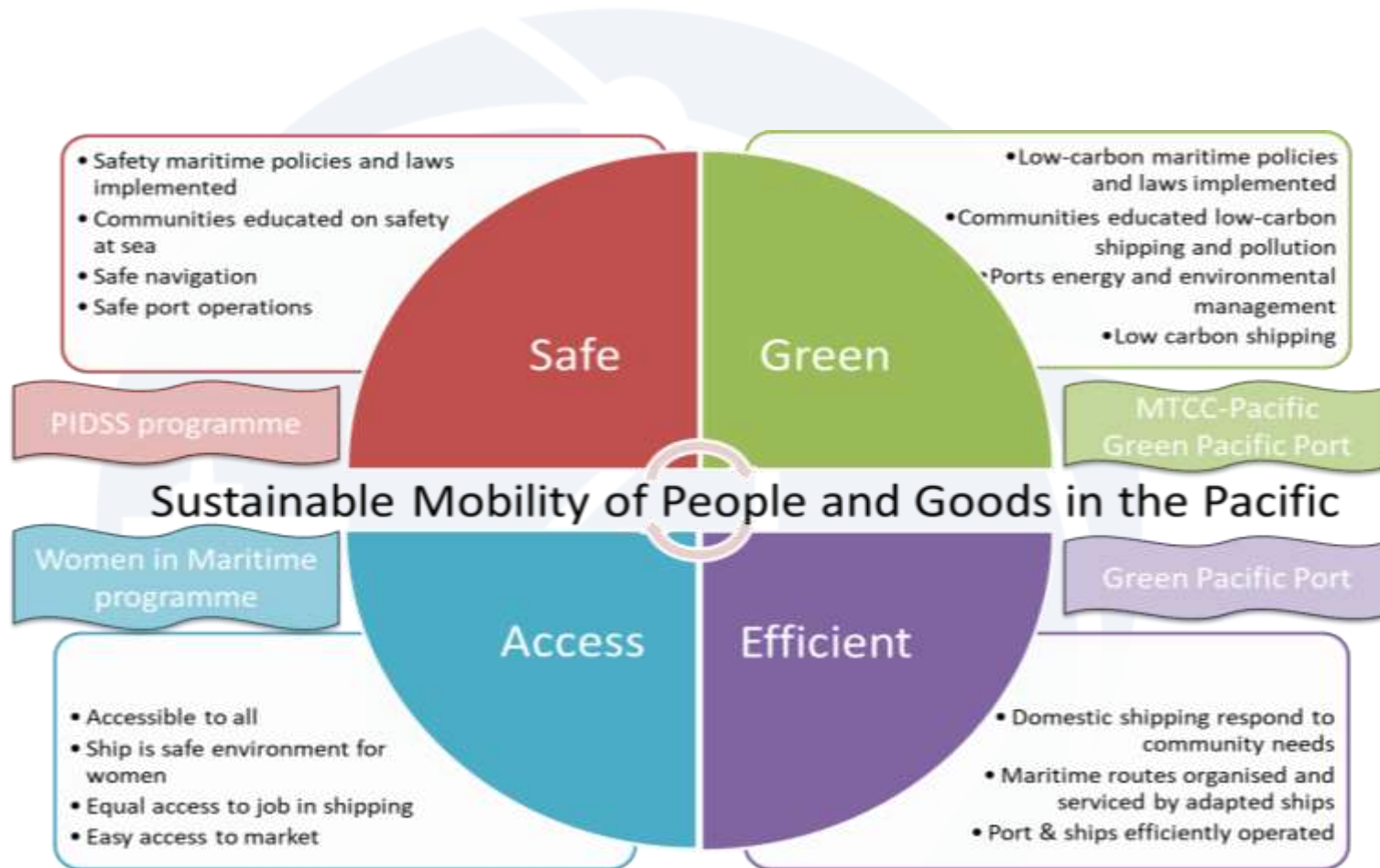


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The Global MTCC Network (GMN) project is funded by the European Union and implemented by the IMO.

Sustainable Mobility of People and Goods in the Pacific



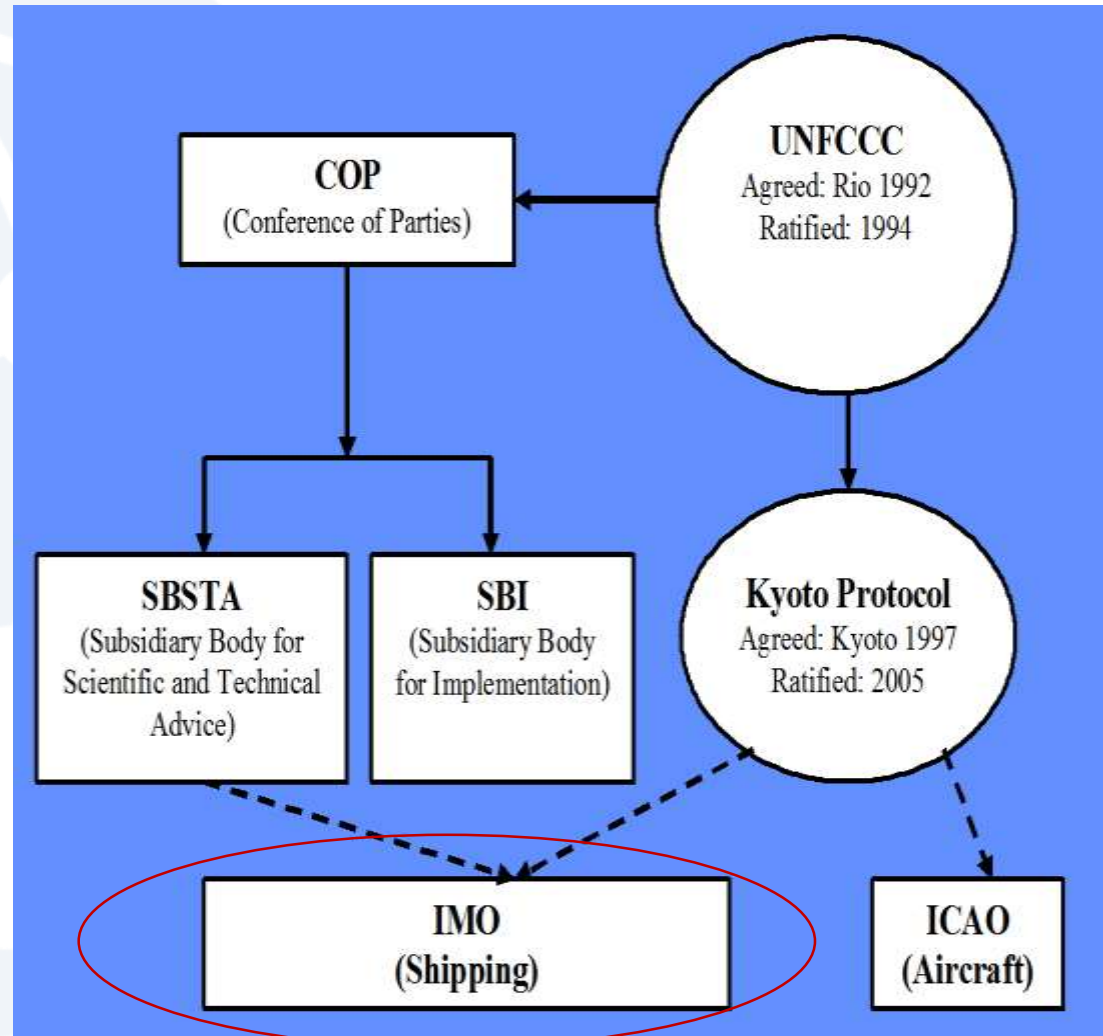
A Community-centred approach towards Safe, Accessible to All, Efficient and Green domestic shipping in the Pacific

IMO energy efficiency regulation

Within Kyoto Protocol, IMO is mandated to deal with international shipping GHG emissions.

“The Parties included in Annex I shall pursue limitation emissions of GHG from marine bunker fuels, working through the International Maritime Organization”

[Extracts from Article 2.2 of the Kyoto Protocol]



Technology upgrades

- There are a good number of “Energy Efficient Technologies (EETs) that if used can lead to ship-board energy saving and reduce GHG emission.
- However, there are a few of technologies that could be used on existing ships.
- Improvement of the operational efficiency are also providing big opportunities for reduction of ship operations fuel consumption and GHG emissions
- In case of ship technology upgrade, the following questions need to be clarified are:
 - Will this additional equipment alter the ship gross tonnage?
 - Will this additional equipment alter the ship’s lightweight?



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THANK YOU

