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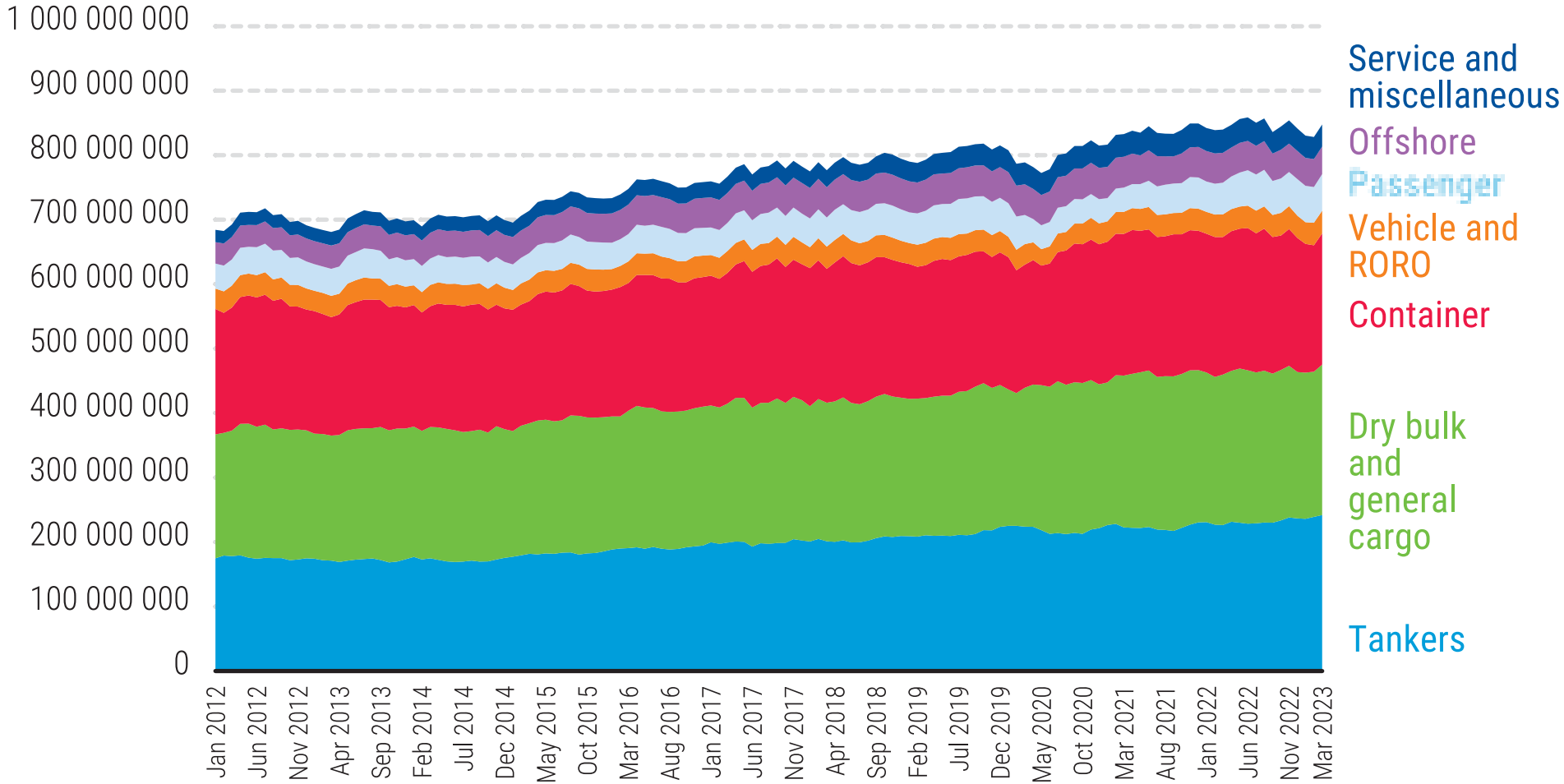
Insights from maritime transport

http://unctad.org/RMT2023

More trade, more emissions?

Total CO2 emissions from shipping, by vessel types, tons, January 2012—March 2023



Source: UNCTAD, based on Marine Benchmark

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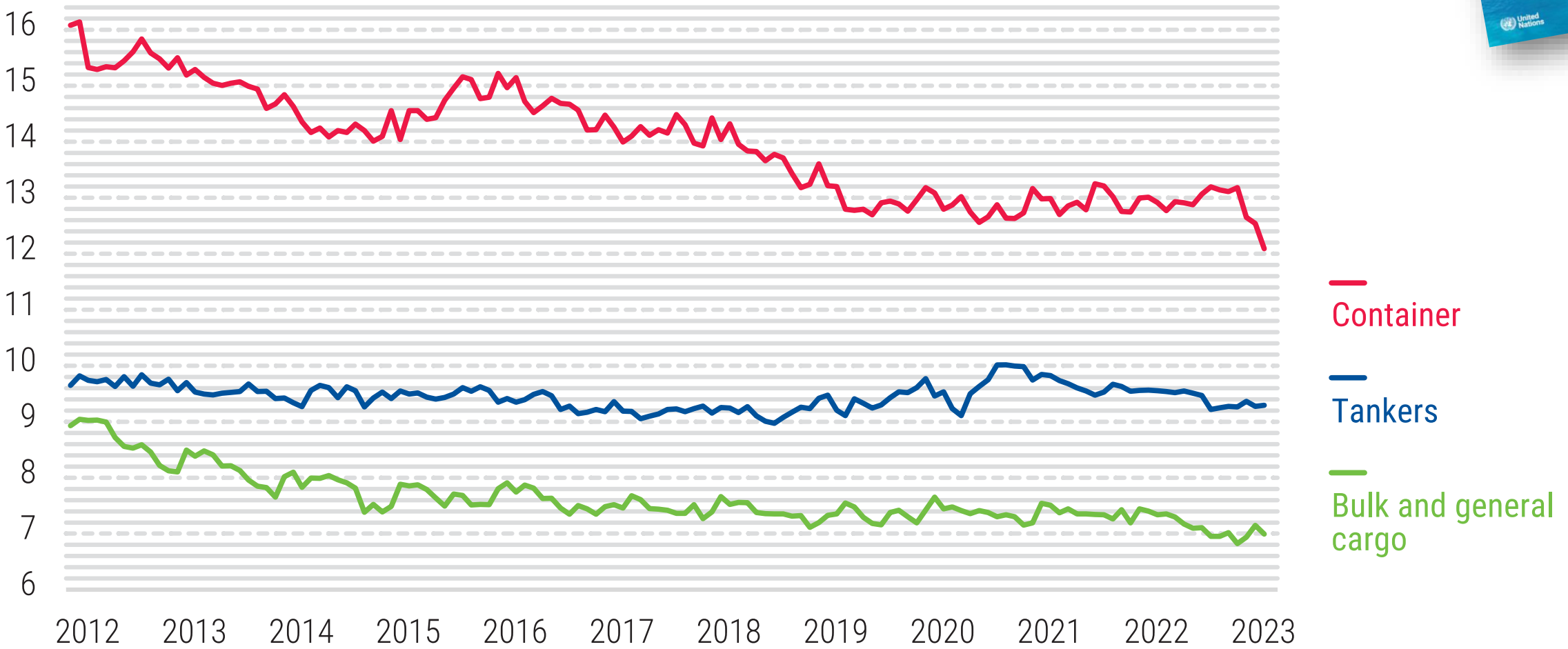
More trade efficiency, less emissions!

World fleet, main vessel types, monthly CO2 emissions per ton-mile, Jan 2012–Mar 2023

(Gram/ton*nautical mile)



Source: UNCTAD, based on Marine Benchmark

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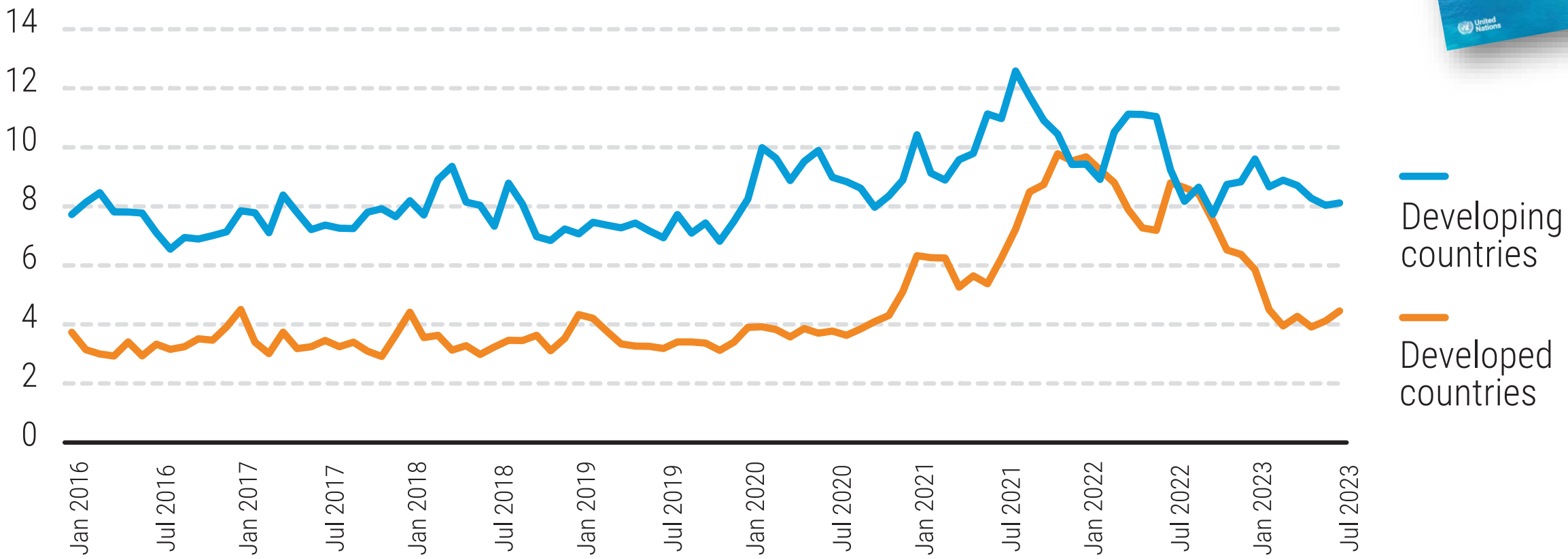
Up and down during Covid

Average **waiting times** of container ships at port in hours, monthly, January 2016–July 2023

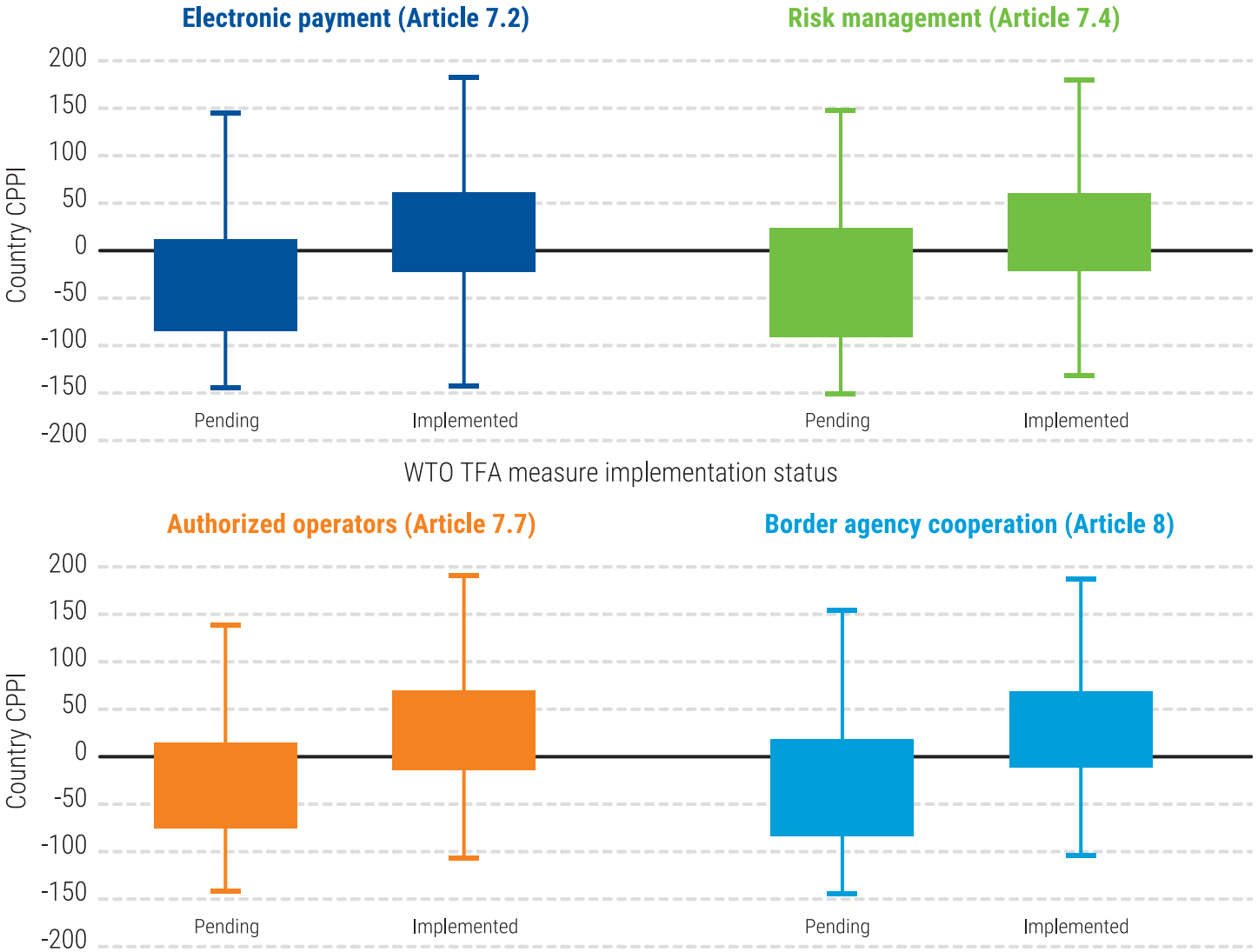


Source: UNCTAD, based on data provided by Clarksons Research.

Notes: Waiting time estimated based on the time between vessel first entering an anchorage associated with a port group (or port where vessel has not been seen in an anchorage shape), and first entering a berth within a port.

Correlation or causality?

Country Container Port Performance Index values 2022 by implementation status of selected measures under the WTO **Trade Facilitation** Agreement



Source: UNCTAD, based on data from the Container Port Performance Index 2022 and the WTO Trade Facilitation Agreement Facility.

Note: Country grouping implementation status based on the WTO TFA articles. Distributions showing port efficiency according to the 2022 Container Port Performance Index of the World Bank and S&P Global using the Administrative Approach scores. The middle line represents the median, the top and bottom lines of the boxes represent the first and third quartile, and the top and the bottom lines (the whiskers) represent the minimum and the maximum values (excluding outliers).

Presentation of the

REVIEW OF MARITIME TRANSPORT 2023

Towards a green and just transition

UNITED NATIONS
UNCTAD

Thank you

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