

Accelerating maritime decarbonisation

Ingrid Sidenvall Jegou, Project Director

The Getting to Zero Coalition



Who are we?

- The Getting to Zero Coalition is a powerful alliance of more than 200 organizations (including 160 companies) within the **maritime, energy, infrastructure and finance sectors, supported by key governments and IGOs.**
- The Coalition is committed to getting commercially viable deep sea zero emission **vessels powered by zero emission fuels into operation by 2030 towards full decarbonization by 2050** – maritime shipping's moon-shot ambition.



International maritime decarbonisation

A growing demand for green shipping

- The upcoming edition of our Mapping of Pilot and Demonstration projects contains **over 300 projects related** to zero emission shipping.
- Large orders for zero emission vessels are now being placed by major shipping companies.
- The key challenge remains developing fuel supply and ultimately **closing the price gap between traditional and zero emission fuels.**



Source: NextGEN

Shipping as a driver for green hydrogen

Building a hydrogen-based economy

- Green hydrogen, created through using renewable energy to split water into hydrogen and oxygen, will be **needed in large quantities to meet shipping's future energy demand.**
- A zero-emission global fleet would represent a **huge demand for green hydrogen**, driving down costs and increasing uptake across other sectors.



Why India?

Conditions and opportunities

Strong access to renewable energy



Strong maritime connectivity



Large industrial base



Benefitting local communities



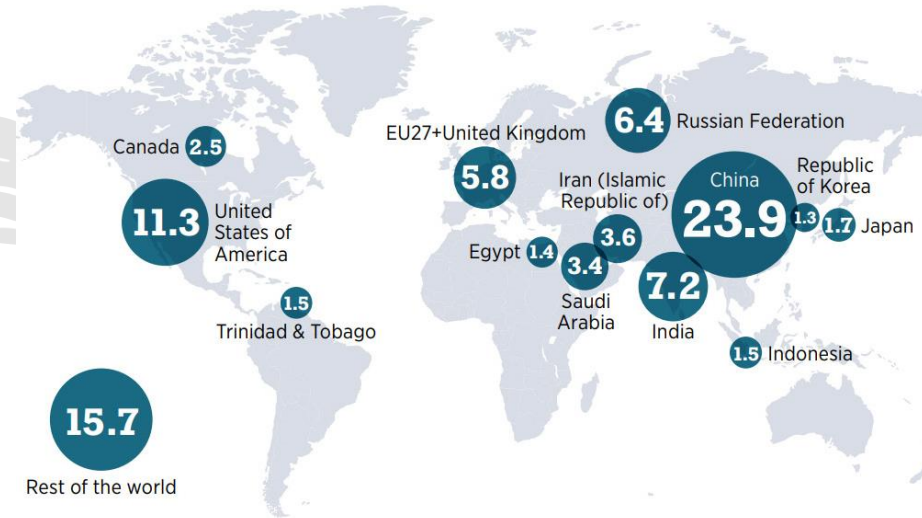
Attracting investment



Trading hydrogen globally

Hydrogen trade and shipping

- In addition to being a user of green hydrogen derivatives, international shipping will also have a role to play in **facilitating global hydrogen trade**.
- This will help to link together supply and demand globally.
- It is vital that the vessels transporting this energy also operate on hydrogen-based fuels.

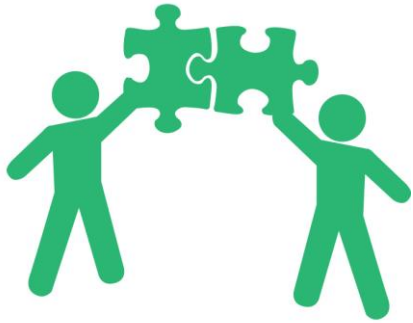


Source: IRENA, 2022

Unlocking the opportunity

Steps to explore

Public/private
collaboration



Access to finance



Green corridors



International regulation



Thank you

Ingrid Sidenvall Jegou, Getting to Zero
Coalition

