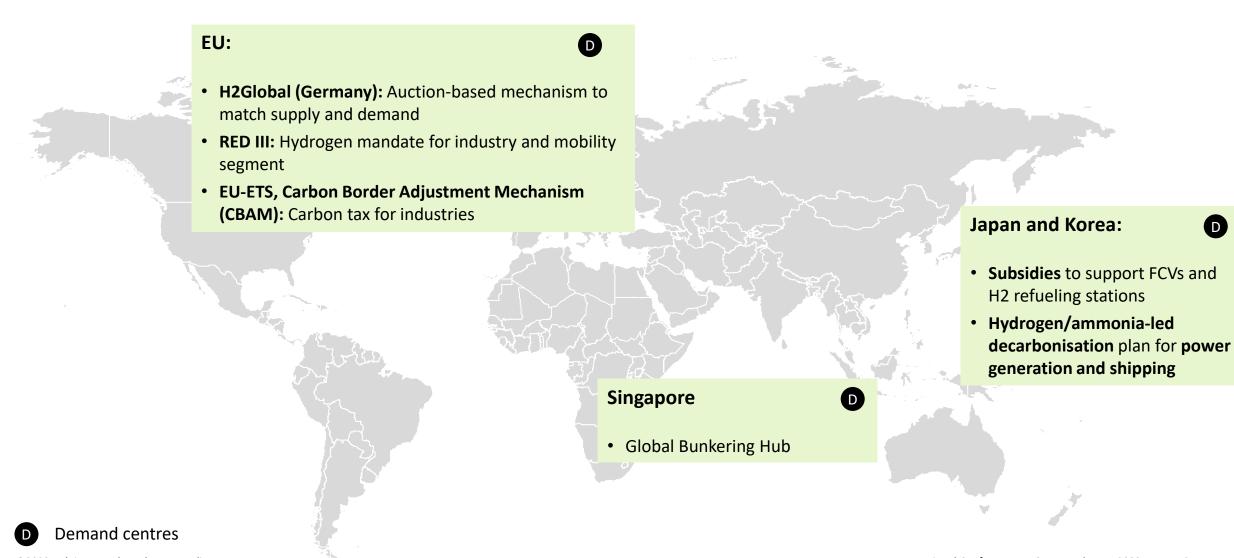
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International Conference on Green Hydrogen 2023

derivatives

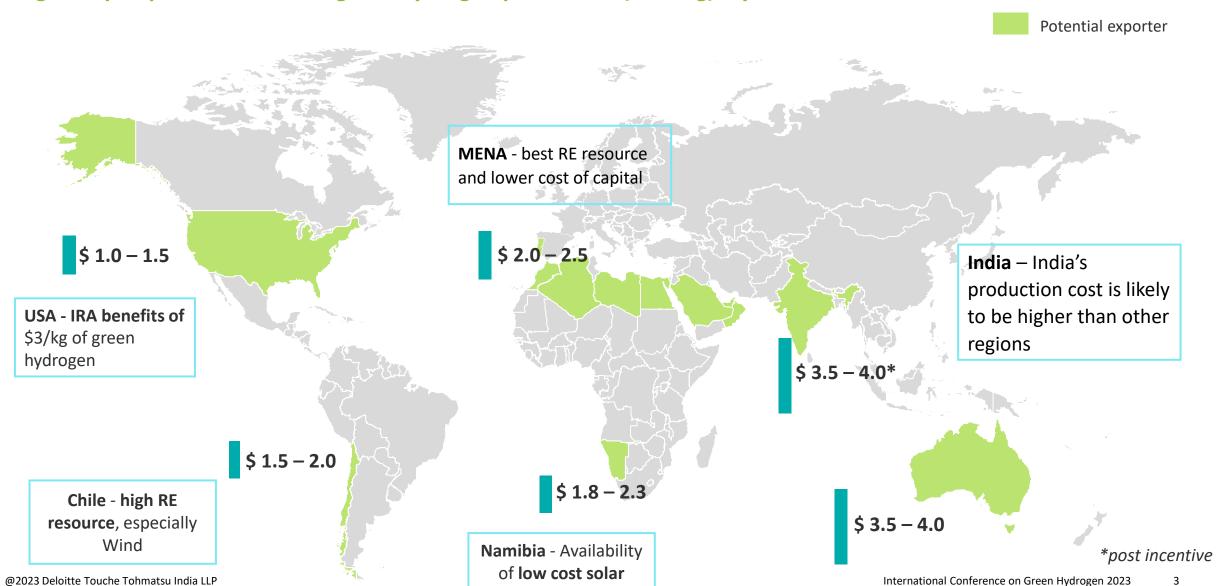
Climate friendly regulations, high cost of fossil fuel and limited RE potential in specific geographies will drive global trade of green hydrogen



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Emerging export hubs and regional competitiveness

Regional perspective on cost of green hydrogen production (USD/kg), by 2025



In addition to achieving cost parity, availability of export ready infrastructure needs to be ensured







Port infrastructure

Allocation of land near ports

Other enablers

- Many major ports have issues related to congestion, inadequate infrastructure and space constraint
- Retrofitting for ammonia (or any other derivative) export is challenging; requires necessary loading, piping and storage infrastructure

- GH or derivatives generation hubs to be located near port to optimize transportation
- Infrastructure capex as well as implementation challenges need to be optimized (RoW for piping, land acquisition issues etc.)

- Common infrastructure near ports
 may be funded through PPP
 mode
- Development of standards and certification procedures to meet the requirement of importing nations (or global unified standard?)

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