

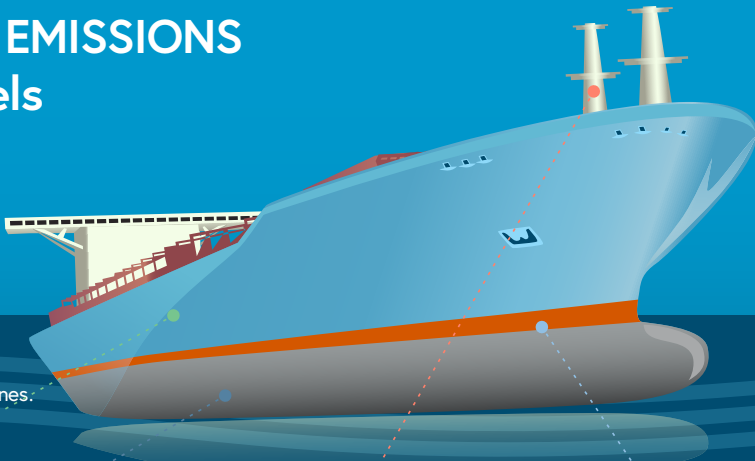
TRANSITION TO ZERO EMISSIONS

Powered by electro-fuels

THE CHALLENGE

Rethinking the Internal Combustion Engine

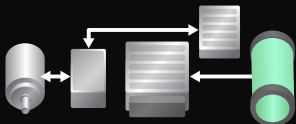
Progression towards zero-emissions transportation demands the elimination of internal combustion engines.



EXAMPLE STRATEGIES

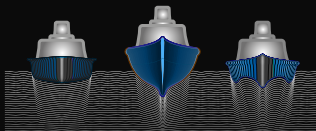
Fuel Cell Technology

- Green hydrogen-based fuel systems turn chemical energy into electricity



Altered Hull Shapes

- Vessel and hullform design engineered for efficiency, safety, capacity, speed and powering.



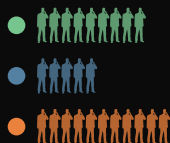
Energy Saving Technologies

- Wind assisted propulsion and solar energy



Storage

- Cargo space with additional fuel bunkering, and/or one additional bunkering stop on the longest distance voyages.



New technologies = New training for crew and additional safety precautions or standards.