

Could container ships ever go electric? The best option might be a fleet of attendant battery vessels to power these giants directly.

As the world's biggest shipper and commodity trader, China could establish a mature business model for constructing electric ships. It could also build out better recharging infrastructure, ...

Although the widespread adoption of electric ships will take time, several pioneering initiatives are paving the way for the future. China has already launched a fully electric container...

China's first 10,000-ton electric containership is beginning sea trials. The shipyard is billing the ship as the largest of its kind and a further bre...

The huge amount of CO₂ emissions from container ships makes them an important target for decarbonization. Among many innovations, electric container ships are seen as the future of ...

The maritime industry is moving toward a cleaner future, with fully electric commercial vessels emerging as a viable alternative to traditional fuel-powered ships.

This case study selects examples of a 64 TEU traditional fuel-powered container ship and a pure electric container ship operating between Waigaoqiao and Taicang.

This review provides a systematic assessment of the technological advances, environmental drivers, challenges, and future prospects of ship electrification, with a focus on three ...

These have prompted electric ships into a period of vigorous development. However, due to higher power demands in the ocean with complex navigation conditions, the current electric ships are more ...

In this report, we identify technological and economic barriers to the uptake of battery-electric propulsion in deep-sea shipping and the development required to help marine batteries ...

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