



Two-way charging using foldable containers on islands

We design foldable intermodal shipping containers that exceed ISO and CSC standards, and the systems needed to fold them standing upright in bundles, safely and quickly.

Offshore charging stations have emerged as an innovative solution, despite increased investment and extended voyage durations. Here we develop a route-specific model for the optimal ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the empty containers and bunker costs (BCs) associated with ship operations.

Managing empty-container movements is one of the most challenging logistics problems in the shipping field. With the growth of global trade imbalance, the repositioning process has ...

We analyze the effects of foldable containers using a newly developed multi-port and multi-period container planning model. The proposed model is a large-scale optimization problem, for which we ...

Considering the minimization of the transportation costs of empty and laden containers, this paper studies a liner shipping hub location problem with empty container repositioning ...

We conduct several experiments to demonstrate the performance of the proposed methods and analyze their sensitivities to the cost parameters related to foldable containers.

For fleet operators and businesses that need overnight charging for multiple vehicles, the system can be equipped with a pair of Type 2 AC chargers on Qube itself, and two each on five satellite "pavilions". It ...

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The Environmental Protection Agency of Sierra Leone (EPA-SL) has officially launched the country's E-Mobility Strategy, including pilot electric vehicles and charging ...



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