



LLSE CONTAINERS

# Long-term costs of Dakar folding containers





## Overview

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Do foldable containers reduce container fleet management costs?

The effect of foldable containers on the costs of container fleet management in liner shipping networks. *Maritime Economics & Logistics*. 2012. Vol. 14. No. 4. P. 455-479. DOI: 10.1057/mel.2012.16. Shintani, K. & Konings, R. & Imai, A. Combinable containers: A container innovation to save container fleet and empty container repositioning costs.

Are foldable containers effective in repositioning empty containers?

Foldable containers are considered an effective solution to deal with the endemic imbalance in the repositioning of empty containers. Several foldable containers were commercialized without clear breakthrough in the market and most current researches are still limited to small pilot projects.

Do foldable containers generate revenue?

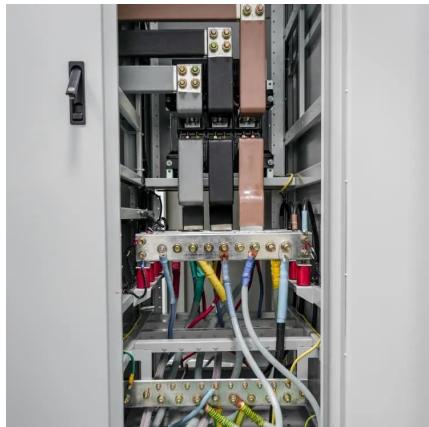
However, this does not generate revenue and incurs container management costs (CMCs). Some container carriers may use foldable containers (FLDs), such as four-in-one designs, instead of standard containers (STDs), in order to minimize the costs associated with relocating empty containers.

How will foldable containers affect exporters?

Despite the increase in operational complexity, one foreseeable impact of foldable containers is that the availability of empty containers for exporters should logically improve, since carriers would find it cheaper to rebalance stocks of foldable containers between IPI locations, as represented in Leg F of Fig. 2.



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### [The impact of foldable ocean containers on back haul ...](#)

Feb 1, 2019 · In particular, the viability of foldable containers as an instrument of carbon offsetting for the shipping industry is explored. A shadow pricing approach has been adopted to predict ...



### [ARE COLLAPSIBLE CONTAINERS A VIABLE SOLUTION TO REPOSITIONING COSTS](#)

Nov 30, 2021 · A study by the Boston Consulting Group revealed it costs the shipping industry almost US\$20 billion each year in repositioning empty containers. One out of every three ...



### **Folding Container Market**

Oct 8, 2024 · When assessing overall life cycle costs--from production through transportation to disposal--folding containers consistently exhibit lower long-term expenditures than traditional ...

### [Analysis of the problem of container traffic at the Port of Dakar](#)

Dec 5, 2025 · The stakeholders point to a lack of planning and policies to anticipate current port traffic and find long-term solutions with adjustments at regular intervals to accommodate



...



### [\(PDF\) Economic benefits of deploying foldable containers: ...](#)

Jun 27, 2024 · 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) ...



### [\(PDF\) Commercial Viability of Foldable Ocean Containers](#)

Mar 8, 2016 · This study investigates the commercial viability of foldable containers from a carrier's perspective. A cost-benefit and sensitivity analysis is conducted for operating regular ...



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## How Folding Containers Offer a Cost & Environmental ...

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