

# Budget Scheme for Mixed Bulk Procurement of Foldable Containers

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 are empty containers allocated?

During the calculation process, we assume that empty containers are allocated based on the principle of maximum debt priority proposed in this paper at all freight stations. In this experiment, the demand variance is set to 20% of the expected value of each inland freight station. The calculation results are shown in Fig. 10.

Discover the crucial role of budgeting in procurement. Learn how to create effective procurement budgets, considering key factors like ...

Strategies to reposition empty containers are an unabated issue for shipping companies. This study compares the repositioning costs of foldable containers to those of ...

Foldable containers are considered an effective solution to deal with the endemic imbalance in the repositioning of empty containers. Several foldable containers were ...

A shipping company can also reposition empty containers from surplus ports to deficit ports. These strategies must be completed while minimizing the total costs for ...

Abstract To explore the economy of standard empty container and foldable empty container mixed use and the effect of foldable empty container on the total cost of empty ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to

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reduce relocation and the empty containers and bunker costs (BCs) ...

A Practical Guide for Procurement Teams. Bulk Procurement: Sizes, Mix Strategies, and Flexibility For capital project managers, a container order is often one of the ...

In this study, we developed a mathematical model for an integrated shipping net-work to investigate the impact of street-turn, depot-direct, using foldable containers, and ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the ...

Abstract In order to solve the problem of empty container reposition considered foldable containers, the key factors affecting the use of foldable containers are found out. The ...

This paper presents the design of a new 5-tier stacking foldable container with convenient folding and unfolding process and that can be produced economically compared to ...

Foldable containers save up to 75% space and 60% costs! Four of them take the space of one classic container. Are there any downsides of foldable ...

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Creating a procurement budget is an important part of any business's successful operation. There are many reasons why creating a budget is important, but the most important ...

By constructing a stochastic programming model with the minimum expected total cost of the liner company as the goal, the collaborative optimization of (1) the allocation of ...

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