
Mixed Government Procurement of Foldable Containers

How can a government reduce the cost of a foldable container?

It would also be helpful for governments to invest in research and innovation of the equipment technology for handling foldable containers to reduce the fixed cost.

Meanwhile, policies that can motivate container companies to supply more foldable containers to the market would also have a positive effect.

Could a seafold 40" container slash the cost of repositioning empty containers?

More than a fifth of containers are returned empty to their port of origin empty, according to estimates. CCS claims that the SeaFold 40" box could potentially slash the cost of repositioning empty containers by 56%, save storage space by 80%, and drive down carbon emissions by 70%.

Can repositioning empty containers reduce the cost of hinterland transport?

Shintani et al. (2010) focused on three scenarios for repositioning empty containers with foldable and standard containers in a hinterland, and the results showed that using foldable containers could reduce the total management cost for hinterland transport compared with the use of standard containers.

Do foldable containers affect the shipping industry?

This paper analyzes the effect of foldable containers in various circumstances.

Recently, as a result of the COVID-19 pandemic, many unexpected situations have arisen in the shipping and logistics industries. In this study, we examine three key situations: shutdowns, demand fluctuations, and fleet size fluctuations.

The imbalance in global trade has led to an uneven distribution of empty containers worldwide, resulting in difficulties in cargo transportation. For instance, import ...

A five-in-one foldable container design could boost efficiency and transform the carriages of empties, claims Florida-based Compact Container Systems (CCS).

In this study, we formulated a novel Mixed-Integer Linear Programming (MILP) model considering a multi-period and multi-region shipping network to minimize the total cost ...

Traditional shipping containers contribute to these problems, as a considerable percentage of them travel empty. Enter foldable shipping containers--a revolutionary solution ...

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) ...

The results show that introducing foldable containers into empty container repositioning along a river can utilize vessel space more effectively and decrease the total cost ...

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 ...

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In the dynamic world of project cargo logistics, efficiency and cost-effectiveness are paramount. Introducing foldable containers--an innovative solution designed to revolutionize ...

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