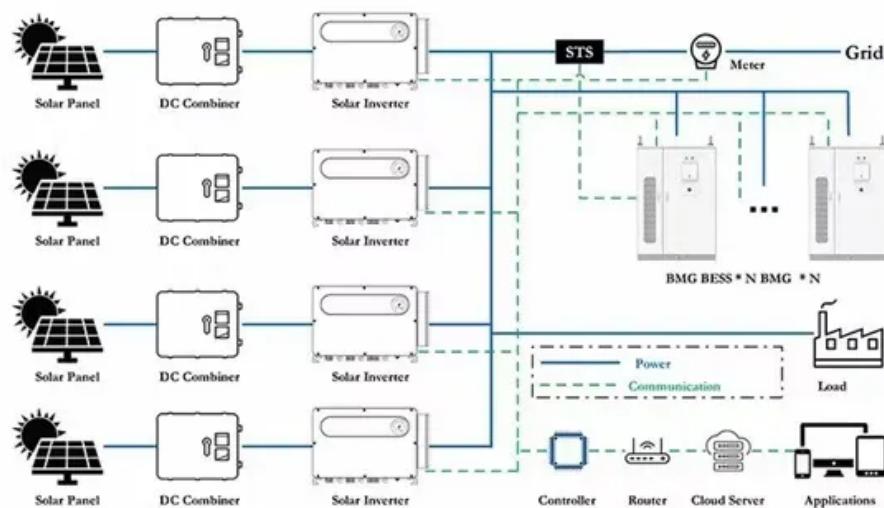


Financing for a Czech Folding Container Three-Phase Project



Overview

What is a 4fold foldable container?

Due to the global imbalance of import/export ca. €25 billion a year is spent on repositioning empty containers and unnecessary emissions of CO₂, NO_x and PM are generated. The technical solution proposed by HCI is the 4FOLD foldable container. This concept is IP protected by HCI by 8 patents.

What is a 4 fold container stacked?

4 folded 4FOLD containers stacked have the same dimensions as 1 container, enabling the reduction of transport movements up to 75%. An increase of the shipping lines' profit margin of 600% is possible, corresponding to savings up to 25% on the operational costs and 27% on the total CO₂ emissions of container transport at sea.

Are folding costs equivalent to unfolding costs?

have indicated that folding costs are approximately equivalent to unfolding costs. 1. Doudnikoff, M. & Lacoste, R. Effect of a speed reduction of containerships in response to higher energy costs in sulphur emission control areas.

Are containerships more cost effective than STDs?

be more cost - effective than STDs, especially for extreme trade imbalance (TI) lanes. Information Administration). Containerships consume much fuel that is sensitive to bunker costs resulting in longer transit times and lower customer satisfaction.

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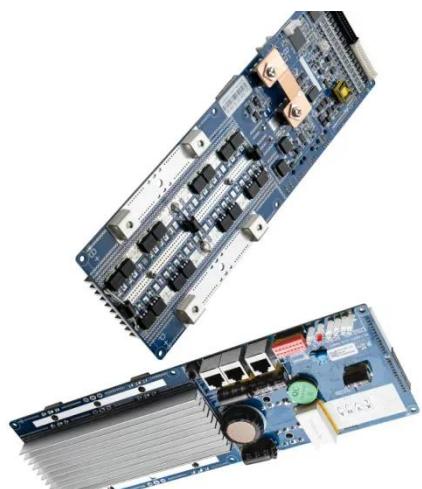


4FOLD Reduction of the International Transport of Empty Containers ...

For Phase2 HCI has involved key players to execute the demonstration project and develop the market implementation: market leaders in container manufacturing and global ...

4FOLD Phase 2

4FOLD Reduction of the International Transport of Empty Containers by Folding Due to the global imbalance of import/export ca. EUR25 billion a year is spent on repositioning ...



Holland Container Innovation (4FOLD)

Holland Container Innovations is committed to bringing down the cost, and harmful emission, originating from empty container movements. 4FOLD brings the solution to come to a more ...

Foldable Containers: a New Perspective on Reducing ...

For example, lets assume that the purchase price of a foldable container is \$ 6000, the container can make six transport cycles a year⁷ and that folding and unfolding the ...



(PDF) Economic benefits of deploying foldable containers:

...

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) ...

Foldable Containers to Reduce the Costs of Empty ...

The costs of folding and unfolding a container (plus the associated costs of inspection and so forth); The additional exploitation costs of a foldable container; Any ...



4FOLD Reduction of the International Transport of Empty Containers ...



In this project the technical feasibility of commercial production is assessed, the environmental and financial benefits are quantified in a model, a partner search for a ...

ZBOX: THE NEXT GENERATION OF FOLDABLE CONTAINERS

Project objective The main goal of the project is to move on the concept of a foldable container to industrial readiness. NAVLANDIS has developed a suitable solution for foldable containers

...



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