



WALMER ENERGY

Environmental protection projects use foldable containers for fast charging to reduce prices





Overview

Do foldable containers reduce emissions?

Bosschieter also notes that, “during the pilots, we were able to prove that emissions are reduced by the use of foldable containers.” Apart from the economic, environmental and financial benefits, the foldable container also influences social aspects like noise pollution, aesthetics, (city) development and employment.

Can 4fold foldable containers overcome the challenges of empty containers?

Holland Container Innovations (HCI) has proposed the technical solution of 4FOLD foldable container to overcome the challenges of empty containers. Project coordinator, Simon Bosschieter, explains: “Four stacked folded 4FOLD containers have the same dimensions as one container, enabling the reduction of transport movements by up to 75 %.”.

What are the benefits of foldable containers?

The purported benefits of foldable containers are numerous (if not yet proven). They are said to be able to not just reduce transportation costs, congestion and carbon footprint, but also alleviate space constraints at seaports (e.g. Konings and Thijs, 2001, Bandara et al., 2015).

Are 4fold containers environmentally friendly?

Thanks to these events, 4FOLD containers are well known within the container transportation industry and created a lot of attention for an environmentally friendly solution in the shipping industry. HCI has also tested the 4FOLD containers on different routes with different parties all over Europe.



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