

Containers

and their importance for freight

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A Container is a metal "box", usually with large dimensions, suited for different means of transport (e.g. ships, trucks, planes).

Drastic changes in goods transport:

- It allows moving loads of larger size, in greater quantities, using less time and money;
- Merchandise protection from theft, damage caused by pests (e.g. rats) & harassment;
- Direct transfer of goods from production to consumption place, without transshipment;
- Standardized numbering - less documentary bureaucracy;
- Ability to store highly sensitive products.

Special Features

The technological evolution currently allows container transport to respond to a variety of situations such as:

Live animals: highly ventilated, often darker and sound isolated containers minimizes animals' stress;

Dangerous goods: depending on the kind of cargo, they can be cisterns or refrigerated containers, tight in order to avoid leaks and with proper sinalization;

Flowers: equipped with an integrated diesel generator that performs the active control of temperature and humidity;

Fruits and vegetables: they have in consideration the breathing and the most favourable conditions to maintain and/or improve the products' quality, using sensors and active substances;

Containers themselves: Start-up creates foldable containers reducing ecological and economic costs.



Webgraphy:

<http://www.transportes-xxi.net/trodoviario/investigacao/materiasperigosas>; <https://www.iata.org/whatwedo/cargo/live-animals/Documents/pet-container-requirements.pdf>;

Image of Porto de Sines: <http://www.jornalalgarve.pt/porto-de-sines-regista-em-2014-melhor-ano-de-sempre/>; http://www.revistademarinha.com/index.php?option=com_content&view=article&id=1437:transporte-maritimo&catid=102:portos-ecanais&Itemid=291; <http://www.finchandbeak.com/1039/foldable-containers-revolutionary-logistics.htm>