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Title: Does container engineering use electricity

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Ports need to electrify processes and equipment to meet increasing energy demand. This requires digitized electrical distribution systems.

For the electrical interconnection of ships to work perfectly, infrastructure is required to ensure the energy supply to these ships at all times. Depending on the type of ship, the existing electrical ...

This project developed a model to understand energy demand at each EV equipment level that is easily scalable to container demand and EV adoption rate projections.

In 2018 the Konecranes Group including Port Solutions set a goal: all of their factories should be powered by renewable electricity by 2025. But the urgency of the climate crisis got them thinking ...

Electrifying terminal equipment is increasingly being considered within the logistic industry as pivotal on the path towards carbon neutrality. Nevertheless, we encounter frequent under-estimations of the ...

Electrical power is essential in the shift to a more modern, efficient and sustainable shipping industry. Dry and liquid bulk operations have been running on electrified equipment for decades, and the same ...

The global container handling industry is steering away from diesel and hydrogen, embracing electric solutions for a sustainable future.

While there is currently a significant cost differential between container handling equipment fueled with diesel and alternatives powered by electric motors, as more electric-powered equipment enters the ...

If a port's electrical capacity can accommodate adding large sources of demand, many different types of infrastructure could potentially go electric. An initial step is to determine whether ...



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The Long Beach Container Terminal in the Port of Long Beach is a prime example of this, being both fully electrified as well as the largest automated container terminal on the West Coast. It is ...

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