



# 500kWh of collapsible containers for EU ports





## Overview

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With a joint support of €18,8 million from the EU fund Connecting Europe Facility for the project EU.OPS.Network, the ports of Aarhus, Gothenburg, Bremerhaven, and Stockholm will provide onshore power to container ships calling at the ports by 2030.

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AFIR mandates that by 2030, 90% of all port calls by container and passenger ships at TEN-T ports must use shore-side electricity. However, accurately determining this power demand is complex due to variations in ship sizes, onboard equipment, operational profiles, and design specifications. This.

based on two recently adopted regulations: the FuelEU Maritime regulation and the Alternative Fuels Infrastructure Regulation (AFIR). The FuelEU Maritime regulation requires that from January 1, 2030, container and passenger ships (including cruise ships) greater than or equal to 5,000 gross.

Why the shore power adoption rate has increased 'dramatically' in the box ship sector - and what more needs to be done Shoreside investments and regulation are the key drivers behind the uptake of shore power in the container sector. A huge driver is the FuelEU Maritime Regulation, whereby from.

Just four of Europe's thirty biggest ports have invested in at least half of shoreside electric infrastructure required by 2030, finds a new study carried out by DNV, on behalf of T&E. The Port of Antwerp is yet to invest in shore power and the Port of Rotterdam also falls short of the targets set.

Four Northern European ports have been granted EU funding for projects to reduce emissions from containerships moored at their quays. With a joint support of €18.8 million from the EU fund Connecting Europe Facility for the project EU.OPS.Network, the Aarhus, Gothenburg, Bremerhaven, and Stockholm.

Four Northern European ports are preparing to make significant reductions in



emissions from container ships docked at their quaysides. With US\$20 million in joint funding from the European Union's "Connecting Europe Facility" for the "EU.OPS.Network" project, the ports of Aarhus, Gothenburg.



## 500kWh of collapsible containers for EU ports

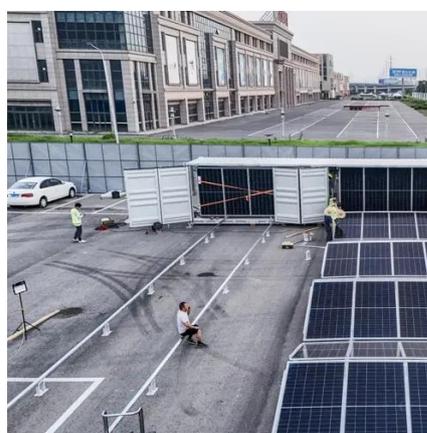


### ['European ports must do more to meet shore ...](#)

Just four of Europe's thirty biggest ports have invested in at least half of shoreside electric infrastructure required by 2030, finds a new ...

### ['European ports must do more to meet shore power targets'](#)

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### [Shore power surge in container ship sector](#)

A huge driver is the FuelEU Maritime Regulation, whereby from 2030, passenger and container ships must use onshore power (OPS) at ...



### [European Union funds onshore power for Northern ...](#)

Four Northern European ports are preparing to make significant reductions in emissions from container ships docked at their ...



### Shore power surge in container ship sector , World Ports ...

A huge driver is the FuelEU Maritime Regulation, whereby from 2030, passenger and container ships must use onshore power (OPS) at Trans-European Network (TEN-T) ...



### Shore power electricity demand in EU ports from 2030 onwards

This figure reflects the realistic policy-driven electricity demand that EU ports would need to supply annually, assuming full compliance and full auxiliary electrification for all ...



### Shore power surge in container ship sector

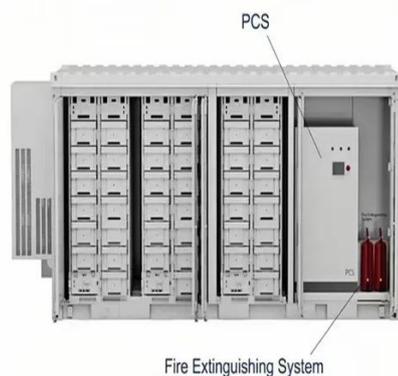
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### With new EU funding, Northern European ports to enable shore ...



Four Northern European ports have been granted EU funding for projects to reduce emissions from container ships moored at their quays.



[Shore power surge in container ship sector , World ...](#)

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[Northern European ports in collaboration receive ...](#)

With a joint support of EUR18,8 million from the EU fund Connecting Europe Facility for the project EU.OPS work, the ports of ...



**Northern European ports in collaboration receive EU funding for ...**

With a joint support of EUR18,8 million from the EU fund Connecting Europe Facility for the project EU.OPS work, the ports of Aarhus, Gothenburg, Bremerhaven, and ...

[With new EU funding, Northern European ports to ...](#)



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- IP54/55
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR BATTERY CABINET

### Onshore Power Supply (OPS) in four Northern European Ports by ...

By 2030, these ports will implement onshore power supply (OPS) systems to reduce emissions from moored containerships, aligning with upcoming EU regulations which ...

### European ports slow to install shore power ahead of 2030 deadline

Most European ports are lagging in installing the shore-side electrical infrastructure needed for ships to switch from marine fuel to cleaner electricity while docked, a new study ...



Standard 20ft containers



Standard 40ft containers

### Shore power needs and CO emissions reductions of ships in ...

average or maximum demand of container, passenger, and cruise ships. Half the energy consumed at-berth in EU ports is attributed to Italy, Spain, and France, mainly because of ...



### European Union funds onshore power for Northern European ports



Four Northern European ports are preparing to make significant reductions in emissions from container ships docked at their quaysides.





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