
Hanoi Port uses solar-powered containers for bidirectional charging

Will CMA CGM deploy a zero-emissions inland transport solution in Vietnam?

CMA CGM will deploy a zero-emissions inland transport solution in Vietnam: a 100% green electricity barge, supported by dedicated charging infrastructure powered by a new solar farm at the Gemalink terminal in Cai Mep (25% owned by CMA CGM Group). The e-barge is expected to begin operations in 2026.

Will CMA CGM launch a zero-emissions E-barge in Vietnam by 2026?

CMA CGM will launch a zero-emissions e-barge in Vietnam by 2026, powered by green electricity from a solar farm at the Gemalink terminal.

How will the E-barge work in Binh Duong?

The e-barge will operate on a 180km round trip between Binh Duong Province and the deep-sea terminal at Gemalink, achieving zero greenhouse gas emissions. By running exclusively on electric batteries, it is expected to eliminate 778 tons of CO₂ emissions annually and transport over 50,000 TEUs annually.

CMA CGM Group is pioneering zero-emission inland waterway transport in Vietnam with the introduction of a fully electric ...

The solar-powered bidirectional OBC based on the coupled-inductor high gain converter with grid-to-vehicle (G2 V) and vehicle-to-grid (V2 G) operations is shown in Fig. 1 ...

The CMA CGM Group, a world leader in shipping and logistics, is developing a brand-new zero-emission inland waterway transport solution in Vietnam. This innovative ...

Charging electric vehicles (EVs) from photovoltaic panels (PV) provides a sustainable future for transportation. This paper presents the development of a 10 kW EV ...

French shipping and logistics company CMA CGM has announced the development of a fully electric container barge in Vietnam, marking a significant step in ...

The innovative vessel, co-designed by CMA CGM's New Build and R&D teams alongside battery technology partner CATL, will be powered by 100% certified renewable ...

Mouli et al. [4] utilised solar power to charge EV using a high-power bidirectional EV charger. The intended charger is incapable of ...

CMA CGM is creating a scalable and innovative land connectivity solution, that includes the development of e-barge, charging station, and solar farm. This forward-thinking ...

CMA CGM will deploy a zero-emissions inland transport solution in Vietnam: a 100% green electricity barge, supported by dedicated charging infrastructure powered by a ...

Shipping company CMA CGM has announced plans to deploy Vietnam's first fully electric container barge, supported by a solar-powered charging station at the Cai Mep port ...

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