
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-barde is expected to begin operations in 2026.

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

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

How will the E-barde work in Binh Duong?

The e-barde 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-barde, 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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