



# North Korean solar-powered container 120 feet





## Overview

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HD KSOE previously received Approval in Principle (AIP) from the American Bureau of Shipping (ABS) for its innovative 15,000 TEU-class container ship design powered by SMR technology, highlighting the project's feasibility and safety.

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HD Korea Shipbuilding & Offshore Engineering revealed a design model for a nuclear-powered container ship incorporating small modular reactor (SMR) technology. On 12th (U.S. time), HD Korea Shipbuilding & Offshore Engineering unveiled its nuclear-powered SMR container ship design model for the.

The design was revealed on 12 February at the New Nuclear for Maritime Houston Summit, held at the Asia Society Texas Center in Houston, USA. Previously, HD Korea Shipbuilding & Offshore Engineering (HD KSOE) obtained Approval in Principle (AIP) from the American Bureau of Shipping (ABS) for a.

HD Korea Shipbuilding & Offshore Engineering (HD KSOE) has reached a significant milestone in maritime innovation with the unveiling of its nuclear-powered containership design utilizing Small Modular Reactor (SMR) technology. The groundbreaking design, revealed at the New Nuclear for Maritime.

SMR is a next-generation reactor designed by modularizing major components such as the reactor, steam generator, and coolant pump necessary for nuclear power generation. It is considered a carbon-free energy source capable of responding to the climate crisis. Typically having an output capacity of.

HD Korea Shipbuilding & Offshore Engineering (HD KSOE), a leading intermediary holding company under the HD Hyundai shipbuilding sector, has taken a major step forward in the development of nuclear-powered vessels. The company unveiled a groundbreaking design model for a nuclear-powered container.

The 'SMR-Powered Ship,' introduced by HD Korea Shipbuilding & Offshore Engineering (HD KSOE), a subsidiary of HD Hyundai's shipbuilding division, utilizes Small Modular Reactor (SMR) technology to advance the development of nuclear-



powered container ships. This innovative design focuses on.



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### HD Korea Shipbuilding promoting construction of SMR-powered ...

In this context, HD Korea Shipbuilding & Offshore Engineering (Hyundai Heavy Industries), the leading company in the domestic shipbuilding industry, is creating a new type ...

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### HD Korea Shipbuilding Unveils Nuclear-powered Container Ship ...

One of the key features of the nuclear-powered container ship is its supercritical carbon dioxide-based propulsion system, co-developed with Baker Hughes. This system ...

### HD KSOE Reveals Innovative Nuclear-Powered Container Ship ...

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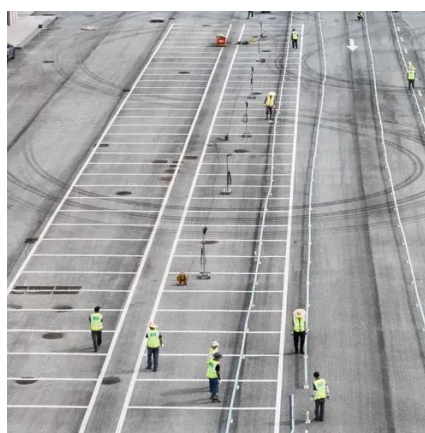
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## [Korean shipbuilder unveils nuclear-powered ...](#)

SEOUL, February 14 (AJP) - HD Korea Shipbuilding & Offshore Engineering has unveiled its first design for a nuclear-powered container ship, ...



## [HD Korea Shipbuilding Unveils Revolutionary ...](#)

HD Korea Shipbuilding & Offshore Engineering (HD KSOE) has reached a significant milestone in maritime innovation with the ...





## Revolutionizing Shipping: HD Korea Shipbuilding Launches ...

On February 12, 2025, HD KSOE showcased its nuclear-powered container ship model for the first time at the summit, emphasizing its commitment to sustainable shipping solutions.



## HD KSOE Reveals Innovative Nuclear-Powered ...

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## **Clean the Sky**

Unlike traditional ships, nuclear-powered vessels do not require engine exhaust systems or fuel tanks. HD KSOE has optimized the space previously used for large engine ...



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## Korean SMR-powered container ship design revealed

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## HD Korea unveils nuclear-powered container ship

HD Korea received approval for its nuclear-powered container ship. The model aims for commercialisation by 2030.

## **Korean shipbuilder unveils nuclear-powered container ship design**

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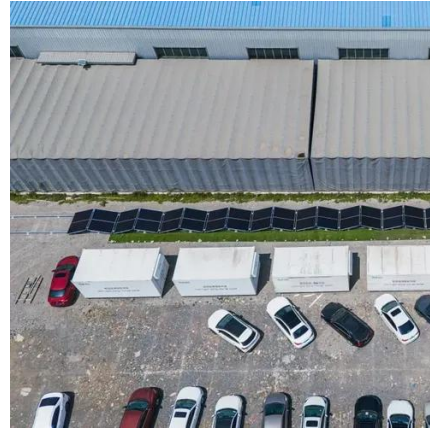
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