

CLIMEON SECURES HEATPOWER ORDER FROM LEADING CHINESE SHIPYARD FOR NEWBUILD CONTAINER SHIP

PRESS
RELEASE

Climeon has secured an order from Jiangsu New Yangzi Shipbuilding in China for its HeatPower 300 system, expanding the adoption of HeatPower in the world's leading shipbuilding nation. The system will be installed on a 13,000 TEU methanol dual-fuel container ship scheduled for delivery to the owner in 2027.

Climeon HeatPower Selected for Major Newbuild Project

Jiangsu New Yangzi Shipbuilding, one of China's leading shipbuilders, has selected Climeon's HeatPower 300 system for the first vessel in a new series of methanol dual-fuel container ships being built for a major Asian shipowner. The new vessels are designed to carry 13,000 containers and are equipped with a range of energy-saving features, with HeatPower contributing directly to reduced fuel use and improved operational efficiency.

"This order is the result of a long-term collaboration between Climeon, the shipyard, and the shipowner, along with a thorough evaluation of our technology. During this process, we demonstrated how HeatPower can deliver consistent and valuable efficiency gains. We greatly value the trust and cooperation of both the shipyard and the owner, and we look forward to supporting these new partners in their continued decarbonization journey."

– Fredrik Thoren, EVP, Head of Marine, Climeon

Turning Waste Heat into Value

Climeon's **HeatPower 300** system converts low-temperature engine waste heat—primarily from jacket water cooling—into sustainable electricity using **Organic Rankine Cycle (ORC)** technology. The HeatPower system's ability to efficiently harness energy from jacket water enables more continuous power generation across different operating conditions. This results in greater cumulative electricity generation over time, leading to increased fuel savings and lower operating costs, while also supporting compliance with key environmental regulations such as the EU Emissions Trading System (EU ETS), FuelEU Maritime, and the IMO's efficiency and carbon intensity standards.

Momentum for ORC in Shipping

This order highlights the growing role of ORC-based waste heat recovery as shipyards and owners are increasingly integrating cost-effective efficiency measures from the outset of newbuild projects.

"It is encouraging to see both leading shipyards and shipowners recognizing the value of our HeatPower technology in improving efficiency and reducing emissions. Securing this order in China, the world's largest shipbuilding nation, for a new shipowner that is among the largest container shipping companies, highlights the growing role of ORC-based waste heat recovery and reinforces Climeon's position in the global shipping market."

– Lena Sundquist, CEO, Climeon

Demonstrated Performance in Shipping

Climeon has achieved several recent successes with its latest HeatPower generation, now producing power at sea. These include installations on six newly built AP Moller-Maersk vessels from Hyundai Heavy Industries, with three vessels currently in operation, two retrofit projects on existing container ships, and upcoming installations on NovaAlgoma's new cement carriers. These references underline the technology's proven performance and readiness for broader use in modern shipping.

About Climeon AB (publ)

Climeon is a Swedish product company operating within the energy technology sector. Climeon's proprietary technology, the Climeon HeatPower system, uses an Organic Rankine Cycle (ORC) process to convert low-temperature heat into clean, carbon free electricity. Providing access to dependable and cost-effective sustainable power, HeatPower enables industries to increase energy efficiency, decrease fuel consumption, and reduce emissions. As a non-weather-dependent source of green energy, HeatPower has the potential to diversify and safeguard the renewable energy mix and, therefore, accelerate the global transition to a net-zero future. Climeon's B shares are listed on the Nasdaq First North Premier Growth Market. FNCA Sweden AB is a Certified Adviser.

About Jiangsu New Yangzi Shipbuilding

Jiangsu New Yangzi Shipbuilding Co., Ltd., established in 2005 and located in Jingjiang City, Jiangsu Province, is one of China's leading shipyards for large and medium-sized ocean-going vessels. With an annual capacity of 30 ships totaling 3 million deadweight tons, the company ranks among the top five shipbuilders in China. Its product portfolio includes container ships up to 14,000 TEU, bulk carriers, LNG carriers, and other specialized vessels, delivered to customers worldwide.

FOR MORE INFORMATION, PLEASE CONTACT:

Lena Sundquist, CEO, Climeon

+46 708 345 228

Lena.sundquist@climeon.com

Fredrik Thoren, Executive Vice President, Head of Marine, Climeon

fredrik.thoren@climeon.com

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Image Attachments

[Illustrative Image Of Container Shipping \(Adobe Stock\)](#)

[Climeon Powering A Sustainable Future](#)

Attachments

[Climeon Secures HeatPower Order from Leading Chinese Shipyard for Newbuild Container Ship](#)