

Yinson Green Tech and RSM Marine push electric vessel adoption

A new agreement between Yinson GreenTech and RMS Marine aims to expand the usage of battery-powered vessels in Singapore port.

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Photo: Picture of Katherine Si.

Yinson GreenTech and RMS Marine and Offshore Service have signed a letter of intent (LOI) for adopting electric vessels to support the maritime operations of RMS within the port limits of [Singapore](#).

Yinson will manage the vessels' operations and maintenance. RMS will collaborate with Yinson using a marine digital platform to enable data-driven monitoring of its logistics services.

The signing of the LOI between Yinson and RMS followed the completion of a trial that both parties held on 23 May 2025 at Sudong Special Purpose Anchorage.

Yinson's electric workboat Hydromover will transport light cargo, demonstrating its ability to perform in a live operational environment.

The vessel is also equipped with a single-screen operating system that provides critical data and real-time information to the crew. It also boasts advanced decision-making capabilities including energy optimisation, waypoint calculation, collision avoidance, and berthing boundaries.