



MoorMaster dramatically improves safety and operational efficiency, optimises the ship-to-shore interface, and reduces emissions due to reduced use of tugs and ships' engines.

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## APM Terminals highlights MoorMaster's role in port decarbonisation at APM Terminals MedPort Tangier

Cavotec will support the decarbonisation at [APM Terminals MedPort Tangier](#) by providing its next generation [vacuum mooring system MoorMaster NxG](#). The automated transhipment terminal is one of the most technologically advanced, safest, and efficient terminals in the world.

As part of its two-phase expansion between 2021 and 2025, the Tangier port will install Cavotec's innovative auto-mooring system along the extended

section of the quay. This will reduce the time taken by vessels to moor and release, thus improving operational efficiency and safety and considerably reducing harmful emissions.

The MoorMaster system will reduce the time the tugs are used in port – thereby reducing emissions – and enabling faster turnaround times that allow vessels to cruise more slowly and efficiently to and from the port. The system reduces ship emissions during berthing by more than 90 per cent due to reduced use of tugs and ship engines.

Once ships are moored, the MoorMaster's active hydraulics significantly reduce vessel motion, thereby positively impacting the terminal's already exceptional crane moves per hour. APM Terminals MedPort Tangier consistently achieved productivity levels above 30 crane moves per hour in 2021 and is on target to increase this to 34 in 2022.

As a result of improved efficiency, average vessel call times are expected to be reduced by an average of two hours, (in addition to the saving of one hour due to faster mooring and release times).

APM Terminals operates one of the world's most comprehensive port networks helping both shipping lines and landside customers grow their business and achieve better supply chain efficiency, flexibility, and dependability.

The investments at APM Terminals MedPort Tangier is part of a global commitment by APM Terminals to achieving a 70 per cent reduction in absolute emissions by 2030 and net-zero emissions by 2040 for operationally controlled terminals.

Learn more in APM Terminals' release here: [APM Terminals MedPort Tangier investment set to drive down CO2 emissions - APM Terminals](#).

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Cavotec is a leading engineering company with 50 years of heritage in innovation, designing and delivering advanced connection and electrification solutions that drive the decarbonisation of ports and industrial applications. With five decades of experience, our systems ensure safe, efficient, and sustainable operations for a diverse range of customers and applications

worldwide.

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