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United Nations Global Opportunity Report recognises Cavotec solutions

Our [MoorMaster™ automated mooring](#) technology has been included in the 2018 UN [Global Opportunity Report](#) that highlights how "innovative technologies are making genuine progress towards a more sustainable world."

The report is compiled by the [United Nations Global Compact](#), global quality assurance and risk management company [DNV GL](#), and sustainability advisory group and digital studio [Sustainia](#). It aims to encourage progress towards the achievement of the [United Nations Sustainable Development Goals](#) (SDGs).

This year's report features [the world's first combined wireless induction charging and automated mooring system](#), developed by Cavotec in partnership with Finnish group [Wärtsilä](#). The system was successfully tested in September last year with a [Norled](#) hybrid passenger ferry, representing a breakthrough in the evolution of fast charging for electrical vessels.

"The vacuum-based automated mooring technology allows the ship to dock precisely so that the wireless induction chargers can boost the ship's batteries in port. This in-port electrification has the potential to reduce greenhouse emissions of the maritime transport sector, which currently accounts for around 2.5 per cent of global emissions," [the report says](#).

According to the authors of the report, one third of all ships will be battery-powered by 2050 if current trends continue. Cavotec is leading the development of automated mooring, [charging](#) solutions for electric and battery powered vessels that make shipping safer, cleaner, quieter, and more efficient. We have supplied the automated mooring and charging connection units for the world's first fully electric passenger ferry, the "Ampere", [also included in the 2018 Global Opportunity Report](#). And again in Norway, the battery-powered hybrid [Vision of the Fjords](#) passenger ferry, named "Ship of the Year 2016", uses our charging systems.

We're proud to support the shipping industry play its part in realising the UN SDGs.

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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