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Cavotec and ABB join forces to offer shore-to-ship power solutions, boosting "green ports"

[Cavotec](#) and [ABB](#) have signed a Memorandum of Understanding to jointly offer complete shore-to-ship power solutions globally. Such solutions allow vessels to plug into onshore power supply and shut down their engines, eliminating noxious emissions, noise and vibrations while berthed in ports that are often located in city surrounds. The technology ensures a seamless switch from on-board generation to shore power supply, without disruption of services including lighting, heating and refrigeration.

Cavotec and ABB will combine their expertise and resources to supply advanced and highly customised solutions to global ports markets, as well as full lifecycle services and support. ABB's innovative shore-to-ship power systems include technologies for port electrification, frequency conversion systems, power transformers, control and protection equipment, as well as consulting services. Cavotec contributes interface equipment from their leading [Alternative Marine Power](#) (AMP) portfolio, including shore connection boxes and cable management systems.

"Shore-to-ship power is a sustainable solution to reduce local emissions and enable green port operations, and another example of how ABB technologies are fostering a better world," said Oleg Aleinikov, Managing Director of ABB's Grid Integration business, a part of the company's Power Grids division.

"This strategic co-operation with Cavotec allows us to combine our complementary capabilities and bring optimised solutions to our customers. It is very much in line with our Next Level strategy to forge alliances and partnerships."

"The synergies between ABB and Cavotec provide the basis to expand our leading position into the Alternative Marine Power market. Cavotec's portfolio ideally complements ABB's offering in shore-to-ship power solutions. This alliance will reinforce our market leadership as the world's best Shore Connection Interface System supplier," said Ottonel Popesco, CEO of Cavotec.

ABB is a leading global technology company in power and automation that enables utility, industry, and transport & infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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