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Cavotec showcases shore power at TOC Middle East

We were exhibiting at [TOC Middle East](#) this week, one of the port sector's largest events attracting port authorities, shipping lines, and port equipment manufacturers. The exhibition was well-attended, with automation and electrification topping the agenda.

During the three-day event, one of our [Ports & Maritime](#) experts, Daniel Lexander, delivered a presentation entitled "Technical Solutions to Reduce Emissions at Container Terminals" at one of several "Tech TOC" seminars.

Daniel's talk provided an overview of the latest technological developments and applications of these technologies at ports worldwide. One of the main topics covered was the [electrification of RTG cranes](#) previously powered by diesel. This helps reduce emissions and running costs.

The other key area of the presentation dealt with [shore power](#), also known as "cold ironing": the connection of ships in port to grid-generated electrical power, that enables vessels to switch off the generators, again reducing emissions.

Electricity produced for the grid, even by conventional means, is considerably cleaner than power generated by burning the low-grade oil used by ships.

Our shore power systems – [Alternative Maritime Power](#) - are now fitted, or are currently being installed, on more than 500 ships, while ports across North America and Europe use land-based versions of the technology. You can see a mobile AMP unit in action at the [Port of Los Angeles here](#).

We look forward to continuing to work closely with port authorities, shipping lines and others on these and other innovative technologies.

Cavotec is a leading cleantech company that develops connection and electrification solutions that enable the decarbonisation of ports and industrial applications.

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