

| Invited Speaker

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MATEO GARZÓN

Business Development Manager
Group's New Energy Division
MB Energy Holding GmbH & Co. KG

**Enabling Renewable Marine Fuels: Port Infrastructure
Readiness Through Repurposing and New Energy Hubs**

TALK TITLE

Enabling Renewable Marine Fuels: Port Infrastructure Readiness Through Repurposing and New Energy Hubs

ABOUT

Mateo Garzón is a Business Development Manager at MB Energy within the Group's New Energy Division. He focuses on developing and repurposing energy infrastructure to enable the supply of renewable and low-carbon fuels, while integrating the broader value chain from production and import to storage and end-use. His work includes projects such as the New Energy Gate ammonia import terminal in Hamburg and the conversion of existing storage assets for future fuels like methanol. Mateo collaborates with ports and industry partners to support the safe, system-wide integration of emerging fuel technologies into port and maritime ecosystems.

ABSTRACT

The maritime sector's transition toward renewable and low-carbon fuels requires port infrastructure that can accommodate a diverse set of future energy carriers. This presentation explores practical pathways for preparing ports to integrate renewable and transitional fuels—including ammonia, hydrogen, and methanol—through a

combination of asset repurposing and targeted new-build investments. Drawing on ongoing infrastructure development initiatives, including the New Energy Gate ammonia import terminal, early hydrogen production concepts, and tank-conversion developments for methanol readiness, the talk outlines how existing assets can be adapted to support emerging fuel demand near key maritime hubs. The session will also highlight cross-industry collaborations, such as participation in multi-ports initiatives and contributions to safety and bunkering risk assessments, demonstrating how coordinated efforts can accelerate the safe introduction of next-generation marine fuels. The objective is to provide a systems-level view of how ports and fuel suppliers can work together to enable scalable, flexible, and future-ready renewable fuel supply chains.

