

Chimbusco Pan Nation, on July 11, completed the "first-ever delivery" of B30-Marine Gasoil in Hong Kong, paving the way for the company to advance its sustainable marine fuels supply, ...

The maritime industry's push toward IMO decarbonization goals has sparked renewed interest in fuel processing technologies that can handle the complexities of biofuel blending. A German ...

For further marine distillate information, please refer to this VPS article. Biofuels Fatty Acid Methyl Ester (FAME) based biofuels are the most common biofuel used for marine applications. However, this fuel type is far less stable than ...

The article, " Biofuel Options for Marine Applications: Techno-Economic and Life-Cycle Analysis " explores three potential production pathways for marine biofuels: "Fischer-Tropsch diesel from biomass and cofeeding ...

The UK government is set to grant £30 million (\$41m) to companies to boost the development of marine biofuels, ammonia, hydrogen and methane... Please Register or Sign in to view this ...

In response to IMO 2050 and a growing global movement to reduce marine shipping's GHG emissions, the National Renewable Energy Laboratory (NREL) and other Department of Energy facilities are now investigating the ...

Biofuel London-based Aurora Marine Fuels secures ISCC certifications for bio bunker fuels Company can now supply sustainable and traceable marine biofuels to support its clients in meeting the requirements of FuelEU Maritime, EU ...

Biofuels present an immediate and cost-competitive solution, and regasification terminals play a critical role in making bio-LNG viable at scale. Biomethane is produced from the breakdown of ...

Their good efficiency, reuse, and operational simplicity make them a new promising alternative to green energy solutions. This work employs the marine bacterial strain *Bacillus licheniformis* to ...

In a significant step towards greener maritime practices, Motor Oil Group and Coral Marine have completed Greece's first-ever marine biofuel delivery. This landmark achievement took place ...

The maritime shipping industry can promote the uptake of zero-emission fuels through voluntary schemes but needs strong verification of these schemes to ensure that efforts to decarbonize ...

Biofuels for marine industry

Explore the vital role of biofuels in decarbonizing the maritime sector, highlighting their benefits as a transitional fuel for cleaner shipping and their contribution to reducing emissions in global trade.

The robust structure of algal cell walls presents a major barrier in the recovery of fermentable sugars and intracellular lipids for biofuel production. This study investigates the effectiveness ...

Key market segments for algal biofuels include transportation, power generation, and industrial applications. The transportation sector, particularly aviation and marine industries, represents ...

Biofuel Hamburg Port trials HVO 100 bio bunker fuel on three of its vessels HVO 100 used by Hamburg Fleet, which is made from food waste and is completely palm oil-free, meets the ...

Using biofuel instead of traditional dirty energy can dramatically lessen a ship's impact on the environment. Liquid natural gas is a fossil fuel, but it is less polluting than some ...

IMO's net-zero framework targets global shipping emissions by 2050 with fuel standards and pricing. Learn about regulations, fuels, and impacts. The global shipping industry, responsible for approximately 3% of global greenhouse gas ...

With the International Maritime Organization's (IMO) MEPC 83 meeting signaling a shift in future fuel standards, shipowners, fuel suppliers, and maritime stakeholders must navigate uncharted ...

Given the dynamic developments in the global maritime decarbonisation landscape, MPA constantly refines and reviews our strategies and initiatives to ensure alignment with our local and global net-zero targets. ...

Location: Club@52 at The Seacare Hotel, 52 Chin Swee Rd, Singapore 169875 About the event: Welcome to our Networking & Technical Evening on The Fuel Transition: Decarbonisation & ...

U-Ming Marine Transport Corporation on Thursday (24 July) announced that its 64K bulk carrier, Asian Progress, has successfully completed its first bunkering operation of B24 biofuel (FAME ...

Emission properties by various frameworks are all different EU ETS, FuelEU Maritime, IMO Net-Zero: each framework specifies unique emission factors and calculation methods, impacting ...



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