

PRESS RELEASE

CF Industries joins the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping to accelerate the decarbonization of the shipping industry

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The Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping today announced that CF Industries will become a Strategic Partner, committing to a long-term strategic collaboration and contribution to the development of zero carbon technologies and solutions for the maritime industry.

As one of the world's leading ammonia producers, CF Industries brings decades of experience in safe production, storage, transport, and trade of ammonia and is supporting global decarbonization by producing nearly 2 million tons of low-carbon ammonia production capacity by 2024. This includes installing a 20MW electrolyzer to enable the production of green ammonia at its Donaldsonville Complex in Louisiana. All are critical aspects when looking to unlock ammonia as a fuel pathway, enabling the transition of the maritime industry.

In welcoming CF Industries to the Center, **CEO Bo Cerup-Simonsen** said:

“As a US based producer, CF Industries brings additionality to the Center’s established partner portfolio from both a geographical and a value chain perspective. This will significantly compliment and strengthen our ability to work, collaborate, and create impact on enabling robust low-emission ammonia fuel pathways, addressing safety topics on handling and operation of ammonia, and creating robust engagement on regulatory topics.”

“CF Industries has a strong sustainability agenda and will play a prominent role in transforming the ammonia industry. The company is well positioned to pave the way forward for low emission fuel production. We welcome them onboard and look very much forward to the collaboration,” continued Bo Cerup-Simonsen.

Tony Will, president and chief executive officer, CF Industries Holdings, Inc., said:

“As the world transitions to low carbon alternative energy sources in order to realize net zero carbon emissions, collaboration across industries is critical to accelerate the development of achievable solutions,” said Tony Will, president and chief executive officer, CF Industries Holdings, Inc. “We believe ammonia has an important role to play in the world’s transition to clean energy and is a particularly promising approach for the maritime industry. We look forward to sharing our expertise with the Center and working together to develop the roadmap to decarbonize maritime shipping.”

Shipping’s roadmap to decarbonization

With 100.000 ships consuming around m300Tons fuel p.a. global shipping accounts for around 3% of global carbon emissions, a share that is likely to increase as other industries tackle climate emissions in the coming decades.

Achieving the long-term target of decarbonization requires new fuel types and a systemic change within the industry. Shipping is a globally regulated industry, which provides an opportunity to secure broad-based industry adoption of new technology and fuels.



To accelerate the development of viable technologies a coordinated effort within applied research is needed across the entire supply chain. Industry leaders play a critical role in ensuring that laboratory research is successfully matured to scalable solutions matching the needs of industry. At the same time, new legislation will be required to enable the transition towards decarbonization.

About CF Industries

At CF Industries, our mission is to provide clean energy to feed and fuel the world sustainably. With our employees focused on safe and reliable operations, environmental stewardship, and disciplined capital and corporate management, we are on a path to decarbonize our ammonia production network – the world’s largest – to enable green and blue hydrogen and nitrogen products for energy, fertilizer, emissions abatement and other industrial activities. Our nine manufacturing complexes in the United States, Canada, and the United Kingdom, an unparalleled storage, transportation and distribution network in North America, and logistics capabilities enabling a global reach underpin our strategy to leverage our unique capabilities to accelerate the world’s transition to clean energy. CF Industries routinely posts investor announcements and additional information on the Company’s website at www.cfindustries.com and encourages those interested in the Company to check there frequently.

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About the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping

The Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping is a not-for-profit, independent research- and development center working across the energy- and shipping sectors with industry, academia, and authorities. With Partners, the Center explores viable decarbonization pathways, facilitates the development and implementation of new energy technologies; builds confidence in new concepts and their supply chains; and accelerates the transition by defining and maturing viable strategic pathways to the required systemic change. The Center is placed in Copenhagen but work with partners globally.

The Center was founded in 2020 with a start-up donation of DKK 400m from the A.P. Møller Foundation. Corporate Partners to the Center include: Alfa Laval, American Bureau of Shipping, A.P. Møller - Maersk, bp, Cargill, CF Industries, DP World, Hapag-Lloyd, MAN Energy Solutions, Mitsubishi Heavy Industries, Mitsui, NORDEN, NYK Line, Seaspan Corporation, Siemens Energy, Stolt Tankers, Sumitomo Corporation, Swire Group, Topsoe, TotalEnergies and V.Group.

For more information, please visit www.zerocarbonshipping.com

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