



March 2021

Alfa Laval joins Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping as Strategic Corporate Partner

Alfa Laval and Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping announced that they have formalized a strategic collaboration on the development of zero carbon solutions for the maritime industry by signing a Strategic Corporate Partnership Agreement by which Alfa Laval becomes an official partner to the Center.



*Bo Cerup-Simonsen
CEO Mærsk Mc-Kinney
Møller Center for Zero
Carbon Shipping*



*Sameer Kalra
President Marine
Division Alfa Laval
Group Management*



*Søren Helmuth
Jensen, Senior Vice
President Alfa Laval
Group Management*

The collaboration will revolve around the development of low- and zero carbon technologies through joint projects and activities including (but not limited to) the development of systems needed to handle new green fuels or solutions to improve overall energy efficiency. It is expected that some joint activities will be carried out at the Alfa Laval test facilities.

The collaboration is already operational through the recently announced SOFC4Maritime, a project targeting optimal utilization of future green fuels via the application of SOFCs for power production on marine vessels, funded by the EUDP.

“Decarbonizing shipping requires a system change. This can only be achieved through comprehensive collaboration across maritime and energy sectors. Alfa Laval share our vision of a zero-carbon maritime industry and acknowledgement of the vast effort required to get there. In joining the Center, they bring onboard vital experience and knowledge enabling the Center to establish the overall narrative of the transition as well as initiate projects and activities that will accelerate the development of tomorrow’s solution. We truly look forward to the collaboration.”

Bo Cerup-Simonsen, CEO, Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping

“Collaboration with industry experts like Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping is vital to achieve a shift towards more sustainable solutions. We need a common view of the roadmap for the shipping industry, and we will bring our individual expertise to the table to drive and accelerate the development,” says Sameer Kalra, President of the Marine Division. “One of the latest projects ‘SOFC4Maritime’ (for solid oxide fuel cells) is just one example of activities which we look forward to working on together.”

Sameer Kalra, President, Alfa Laval Marine Division

Alfa Laval will also be joining the Center’s Advisory Board providing strategic and technical guidance to Center activities going forward.

“We are proud to join Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping and look forward to working actively with its team of competent partner companies. Innovative collaboration between marine experts is the clear way forward because we must arrive at marine-adapted solutions. Working in partnership, we will realize solutions that pave the way for carbon-neutral shipping in a manner that is practical and economically viable,”

Søren Helmuth Jensen, Senior Vice President, Alfa Laval Marine Division

Shipping’s road map to decarbonization

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.

For further information, please contact:

Heleen van Hout

Marketing Communication Coordinator

Alfa Laval Benelux

Phone: +31 (0)76 57 91 210

E-mail: heleen.vanhout@alfalaval.com

<https://www.alfalaval.nl/nl/industrieen/scheepvaart-en-transport/marine/>

Editor's notes

This is Alfa Laval

Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about *Advancing better™*.

Alfa Laval has 17,500 employees. Annual sales in 2019 were SEK 46.5 billion (approx. EUR 4.4 billion). The company is listed on Nasdaq OMX.

www.alfalaval.com

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, it works across the maritime sector with industry, academia and authorities to facilitate the development and implementation of new energy technologies; build confidence in new concepts and their supply chains; and accelerate 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 founding partners behind this initiative are American Bureau of Shipping, A.P. Moller - Maersk, Cargill, MAN Energy Solutions, Mitsubishi Heavy Industries, NYK Line and Siemens Energy. Several additional partners are expected to join the Center over the coming months.

The center is made possible by a start-up donation of DKK 400m by the A.P. Møller Foundation and legally established in October 2020.

For more information go to www.zerocarbonshipping.com