



## **Dutch Sustainable Growth Coalition partners with Maersk in world's largest maritime biofuel pilot**

**22 March 2019** - Convinced of the urgency to act on climate, a group of Dutch multinationals - FrieslandCampina, Heineken, Philips, DSM, Shell and Unilever - all members of the Dutch Sustainable Growth Coalition (DSGC), will join forces with A.P. Moller - Maersk to take a tangible step towards the decarbonization of ocean shipping.

A pilot, using up to 20% sustainable second-generation biofuels on a large triple-E ocean vessel will sail 25.000 nautical miles from Rotterdam to Shanghai and back on biofuel blends alone, a world's first at this scale, saving 1500 tonne CO<sub>2</sub> and 20.000 kilograms of sulphur.

DSGC members and Maersk all agree that tackling harmful emissions related to shipping is urgently needed, and that cross-industry collaboration is required to develop, test and implement new solutions. The DSGC members, many of which are customers to Maersk, played a critical role. They initiated and sponsor the pilot. Shell, acted as the fuel supplier for the pilot, and Maersk played the role as operating partner.

Sustainably sourced second-generation biofuels are just one possible solution for the decarbonization of ocean shipping. Longer term, breakthroughs in fuel and technical development (i.e. e-fuels) and the investment into commercial supply chains are needed to achieve significant emissions reductions.

“DSGC companies join in action to contribute to the UN SDGs. With this initiative we focus on Climate Action (SDG 13). We have taken the initiative to partner with A.P. Moller-Maersk on this important effort,” says Jan Peter Balkenende, Chair of the DSGC. “This pilot testing biofuel on a cross ocean shipping lane, marks an important step. However, many more innovations are urgently needed. These can only be successfully developed, tested and implemented in industry collaborations like this.”

Søren Toft, Chief Operating Officer A.P. Moller – Maersk commented: “To reach our net zero CO<sub>2</sub> target by 2050, in the next 10 years we need big breakthroughs. Maersk cannot do this alone. That is why this collaboration with DSGC and its members is such an important step in identifying and bringing low carbon solutions to life. It laid the foundation for how cross-industry partners can work together to take steps towards a more sustainable future. We welcome others to join in our efforts, as this journey is just beginning.”

Søren Toft added “Biofuels are one of the viable solutions that can be implemented in the short and medium term. Through this pilot, we aim to learn more about using biofuels in general, and to understand the possibilities around increasing its usage in a sustainable and economical way.”

Shipping accounts for 90% of transported goods and 3% of total global CO<sub>2</sub> -emissions, and is set to rise to 15% by 2050 if left unchecked. The CO<sub>2</sub> savings of this journey alone equates to the annual CO<sub>2</sub> emitted by over 200 households in a year or 12 mill km travelled in an average car which is 300 times around the world. The voyage will take place between March and June 2019.

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#### **About the biofuel used:**

The biofuel used in this pilot is a so called ‘second generation’ biofuel, produced from waste sources, in this case used cooking oil (UCOME oil). Second generation biofuel means the biofuel comes from waste products. This can be used cooking oil, forest residues, wood chip waste etc. This biofuel is ISCC Certified. The power of biofuel is that it can to a certain extent replace / blended with conventional (fossil) fuels, without having to make big technical adaptations to the engines or require a complete new engine etc.

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#### **About Maersk**

A.P. Moller - Maersk is an integrated container logistics company working to connect and simplify its customers’ supply chains. As the global leader in shipping services, we operate in 130 countries and employ roughly 76,000 people. Our mission is to enable and facilitate global supply chains and provide opportunities for our customers to trade globally.

#### **About DSGC**

The Dutch Sustainable Growth Coalition (DSGC) is a CEO led coalition of 8 Dutch multinationals (AkzoNobel, DSM, FrieslandCampina, Heineken, KLM, Philips, Shell, Unilever). VNO-NCW supports DSGC and Accenture facilitates the coalition.

Coalition members all develop and implement sustainable growth business models that combine economic profitability with environmental and social progress. In that way they aim to contribute to the achievement of the UN Sustainable Development Goals in 2030. (More info:

<https://www.dsgc.nl/en>)