

- PRESS RELEASE -

World Premiere: IKEA, CMA CGM and The GoodShipping Program join forces to test sustainable marine bio-fuel oil

- **Landmark refuelling scheduled for March 19th on a CMA CGM vessel, marks a major step towards the decarbonisation of ocean freight**
- **Second generation biofuel derived from forest residues and waste cooking oil delivers low carbon and sulphur oxide emissions**

ROTTERDAM, March 12th, 2019 – IKEA Transport & Logistics Services, CMA CGM, the GoodShipping Program and the Port of Rotterdam have today announced they will cooperate in a first of its kind partnership to test and scale the use of sustainable marine bio-fuel oil. The test will commence with a landmark bunkering of the marine bio-fuel oil on a CMA CGM container vessel on March 19th, representing a major step towards the decarbonisation of ocean freight.

The test is being facilitated by the GoodShipping Program, a sustainable initiative dedicated to decarbonising ocean freight, and is the latest step in the scaling of low carbon marine bio-fuel oils for wider commercial use within the maritime industry.

Extensive research and development

The sustainable marine bio-fuel oil has been developed by GoodFuels, the leading provider of sustainable marine biofuels to the global commercial shipping fleet, after undergoing three years of intensive testing with marine engine manufacturers. The second generation bio-fuel oil is completely derived from forest residues and waste oil products, expected to deliver 80-90% well-to-propeller CO₂ reduction versus fossil equivalents, and virtually eliminates sulphur oxide (SO_x) emissions - all without any requirement for engine modifications.

A major step to the decarbonisation of ocean freight

Through this collaboration, IKEA Transport & Logistics Services, CMA CGM and the GoodShipping Program – with the support of the Port of Rotterdam – aim to demonstrate the scalability, sustainability and technical compliance of sustainable marine bio-fuel oil, and thereby spur the wider continued development of realistic options to curb greenhouse gas and sulphur oxide emissions from shipping.

This announcement comes at a time when the shipping sector is at a crossroads, with owners and operators required to switch to low sulphur fuels by 2020. The industry also faces impending International Maritime Organisation (IMO) Greenhouse Gas (GHG) reduction requirements, including an objective to reduce average carbon intensity from shipping – the amount of carbon emitted for each unit of transport – by at least 40% by 2030, and 70% by 2050.

Elisabeth Munck af Rosenschöld, Head of Sustainability, IKEA Global Transport & Logistics Services, said: “Through our pilot we want to show that the means for decarbonisation in terms of alternative fuels are available. We have a responsibility to do our part to reduce the impact of our ocean freight. Through our participation we send a signal to our customers and the ocean industry on our commitment to decarbonise. Only through collaboration can we achieve rapid, necessary change. With a successful pilot completed, our intention is to put the equivalent of at least all our containers out of Rotterdam on biofuel.”

Dirk Kronemeijer, CEO, The GoodShipping Program said: “The aim of our program has always been not only to reduce carbon emissions from shipping, but to show that the means to accelerate the energy transition are already available for the sector to grasp. Together we send a very clear message: sustainable biofuels are ready today, and we can meet the pathways laid out by the IMO in a manner that is attractive to major cargo owners such as IKEA.”

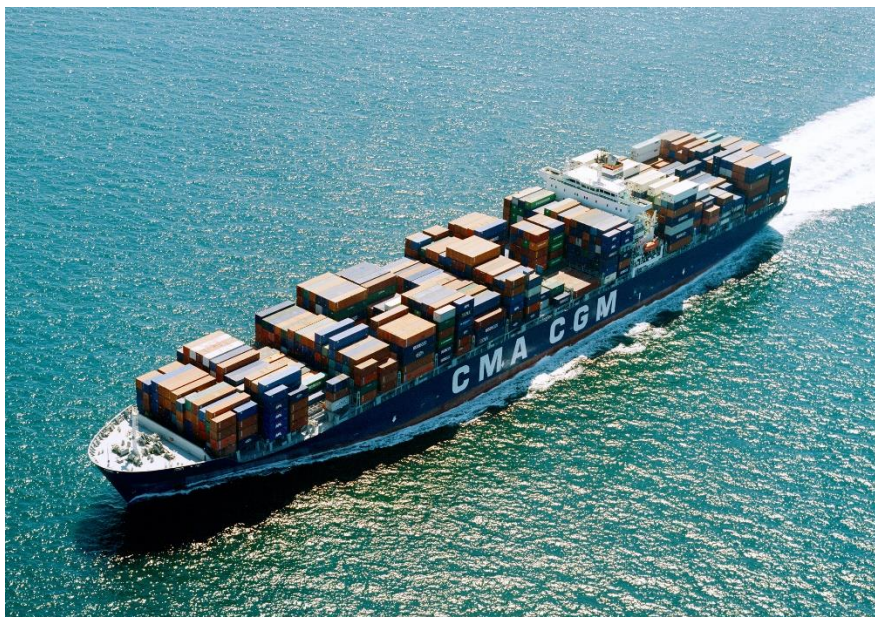
Xavier Leclercq, Vice President, CMA Ships, said: “In a few days, we will be testing second-generation biofuel in one of CMA CGM’s vessels for the first time. Having an HFO-equivalent solution in biofuel oil available with no engineering or operational changes required to our vessel offers a safe, manageable and innovative opportunity to facilitate shipping’s wider transition to new fuel solutions.”

Allard Castelein, CEO, Port of Rotterdam commented: The Port of Rotterdam considers this initiative by IKEA, CMA CGM and GoodShipping to be a strong rallying cry to the shipping industry. This bunkering shows that decarbonisation of sea trade is well achievable. It’s clear that shippers play an important role in decarbonising the industry. In Rotterdam the necessary infrastructure is available. Besides that, to support these kind of initiatives, we have just started a four year period during which we have €5 million to spend on stimulating specific projects to reduce carbon dioxide emissions from the global shipping industry.

-ENDS-

Facts and Figures

- All GoodFuels sustainable marine biofuels are functionally equivalent to petroleum-derived marine fuels - so called “drop-in” fuels.
- No modification is required to the engine or the fuel infrastructure.
- All GoodFuels sustainable marine fuels meet the most stringent sustainability criteria, based on the Roundtable of Sustainable Biomaterials (RSB.org) and verified by GoodFuels’ independent sustainability board. This sustainability board consists of leading NGOs and academics.
- GoodFuels’ sustainable marine fuels are 100% based on waste and residues.
- In this landmark refueling, the bio-fuel oil consists of waste used cooking oil and forest residues - both of which have been sourced and processed in Europe.
- The industrial waste stream from food production is used cooking oil which, after processing, is unfit to use for human or animal consumption. The only viable usage for this waste product is for reprocessing into advanced biofuel.
- Forest residues are industrial waste streams from paper and pulp production. GoodFuels exclusively sources the forest residues in its fuels from sustainable forests in Europe. Most wood waste streams are currently used to co-fire power plants, and upgrading this waste into advanced low carbon marine biofuels, replacing heavy fuel oil, is considered a more sustainable and economical use of the waste product.
- All GoodFuels sustainable marine fuels are virtually SOx free and deliver 80-90% well-to-propeller CO2 reduction versus fossil equivalents.



CMA CGM Group vessel © CMA CGM

Notes to Editors

About IKEA Transport & Logistics Services

IKEA Transport & Logistics Services organisation consists of approximately 500 persons globally, working in the categories of Land, Ocean and Logistics Services.

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About the GoodShipping Program www.goodshipping.org

The GoodShipping Program is the first sustainable shipping initiative in the world that offers companies – worldwide and of all sizes – the opportunity to make container shipments less polluting. By offering a way to change the fossil fuels with clean, climate-neutral and truly sustainable fuels. This is done in collaboration with GoodFuels, market leader and pioneer in the field of sustainable bio-based fuels. An important part of the GoodShipping partnership with GoodFuels is the use of only truly sustainable residual flows, which do not compete with the food supply or lead to deforestation of rainforests. This is done under the supervision of an independent sustainability board with leading NGOs and academics. Another important partner of GoodShipping is DHL Global Forwarding. The global market leader in logistics offers the GoodShipping Program to all its ocean freight customers, as part of DHL's 'Go Green portfolio'. Last year GoodShipping won various prizes such as the TedX Amsterdam Award and the Accenture Innovation Award for Clean and Affordable Energy. For more information, view the animation via this [link](#).

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About CMA CGM

The CMA CGM Group, led by **Rodolphe Saadé**, is a world leader of maritime transport. Its 509 ships serve more than 420 ports worldwide on the 5 continents. In 2018, they transported nearly 21 million of TEU (Twenty-foot Equivalent Units). CMA CGM experiences a continuous growth and never stops innovating to propose new maritime, logistical and inland solutions to its clients. The Group employs 37,000 collaborators in the world and 2,400 in Marseilles where is located its headquarters, and is present in 160 countries via its network of 755 agencies.

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About the Port of Rotterdam

The objective of the Port of Rotterdam Authority is to enhance the port's competitive position as a logistics hub and world-class industrial complex. Not only in terms of size, but also with regard to quality. The Port Authority is therefore leading the transition to sustainable energy and it is committed to digitalisation in order to make the port, and the supply chain, more efficient. The core tasks of the Port Authority are to develop, manage and exploit the port in a sustainable way and to deliver speedy and safe services for shipping.

www.portofrotterdam.com