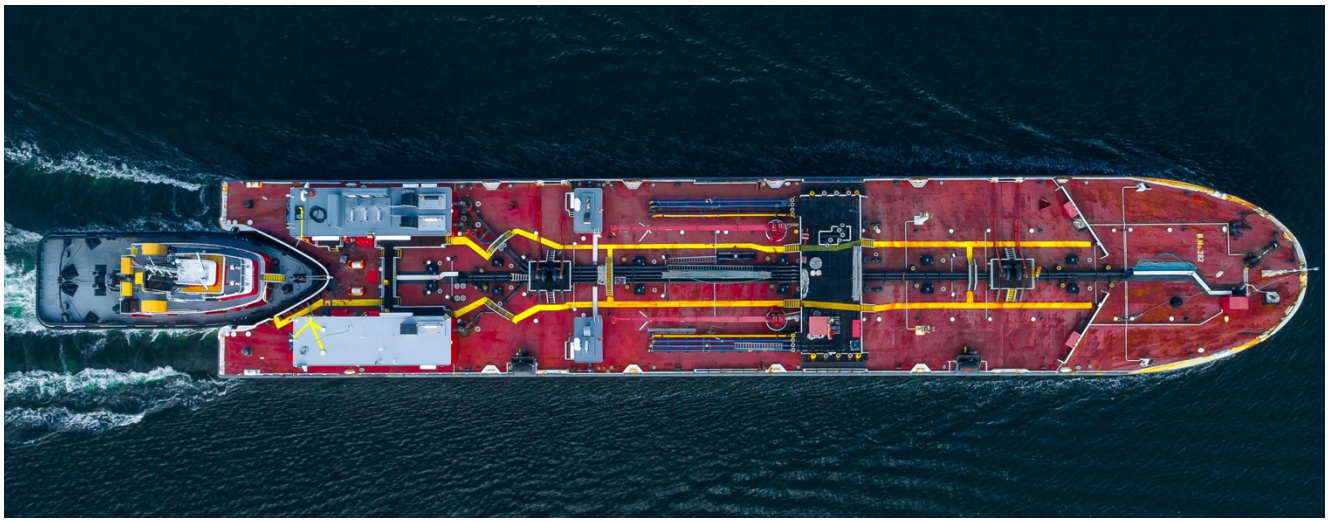
Value Maritime & Carbon Collectors Explore Carbon Capture Onboard MGO-Fuelled Tugs



28 March 2022

Value Maritime, the emission-reducing tech entrepreneurs, and Carbon Collectors, specialists in collecting, transporting and storing CO2 safely, will together perform a conceptual design study for a new fleet of tugs to be built by Carbon Collectors.

Value Maritime will work together with Carbon Collectors to investigate the feasibility of capturing carbon onboard their new MGO fuelled tug vessels, using VM's unique technology to ultimately ensure that Carbon Collectors' fleet is CO_2 neutral from the start.

Jointly, the two teams will investigate and determine:

- The required installed power of the diesel generators.
- The estimated CAPEX / OPEX.
- The best discharge options for the captured CO_2.
- The optimal solution for unloading and underground storage.

Christiaan Nijst, Director and Co-Founder - Value Maritime "*This is a first for us. We've conducted many studies in relation to larger sea-going vessels but now Carbon Collectors are affording us the opportunity to apply our carbon capture expertise to tugs, extending the reach of our sustainable shipping solutions. We're excited to see how these vessels will perform with our leading technology.*"

Pulling Ahead With Carbon Capture

Once the design is proven, Carbon Collectors aim to use Value Maritime's carbon capture module to the fullest extent. They are currently designing a custom fleet of power-efficient tugs with the construction of the first vessels scheduled to start in the first quarter of 2024. Once operational by 2026, their MGO fuelled tugs could be effectively capturing all of their CO_2 emissions onboard.

Both parties will not only review the carbon capture abilities of the vessels but jointly look into the optimal solution for safely unloading and permanently storing the CO_2 underground.

Haije Stigter, Technical Director – Carbon Collectors *"As a company aiming to speed up the reduction of CO_2 emissions, we also want to make sure that our own fleet contributes by becoming carbon-neutral as fast as possible. For years to come, carbon-neutral fuels will not be available in amounts that are large enough to fulfill demands, so carbon capture and storage seems the only feasible option in the short and medium term. We are excited to be able to help VM further develop their innovative technology in this field."*

A Clean Circular Solution

Value Maritime developed "Filtree", a unique system that cleans both air and water from all ship types and includes an integrated carbon capture feature making today's fleet (newbuild or retrofit) not only sustainable today but future-proof for tomorrow.

The CO_2 capture feature removes and stores carbon from the vessel's exhaust gases and uses it to charge a CO_2 battery which can be offloaded and re-used to facilitate the growth of crops, used to enrich future fuels or it can be safely stored until needed – a truly clean circular solution.

About Value Maritime

Value Maritime's vision is to dramatically decrease the environmental footprint of shipping and significantly contribute to improving the overall sustainability of the maritime industry. Since 2017, their technology has been helping shipowners and operators to increase their competitiveness by achieving valuable **emission reductions** and **financial savings.**

Value Maritime is a fast-growing and innovative company that is **sustainable by nature** with a team that is dedicated to **making an impact.**

About Carbon Collectors

Carbon Collectors want to reduce CO_2 emissions by 6 million tonnes per year by 2030. They offer the service of collecting, transporting and safely storing the CO_2 they capture in empty offshore gas fields. Using existing technology, they are reducing CO_2 emissions in Western Europe and can assist large and small emitters.

Carbon Collectors are working with a range of CO2-emitters to collect, transport and store their captured CO2. They also work with natural gas field operators to obtain access to more than 100 million tonnes of

CO_2 storage capacity in the Southern North Sea. In 2021, they finished the detailed design and received Approval in Principle from Bureau Veritas. Construction of the first barge can start in 2024 and some two years later they will collect, transport and store the first CO_2 with their new fleet.

Contact Value Maritime

Do you share our passion for sustainable shipping? Are you ready to come on board and make shipping greener with us?

Everybody is welcome to contact us: info@valuemaritime.com
Get to know Value Maritime better: http://www.valuemaritime.com

Contact Carbon Collectors

Are you as concerned about climate change as we are? Do you want to reduce your emissions and dispose of your CO_2 responsibly and permanently?

Everybody is welcome to contact us: info@carboncollectors.nl
Get to know Carbon Collectors better: www.carboncollectors.nl