

## 1 March 2017 PRESS RELEASE

## World's most powerful Cutter Suction Dredger 'Spartacus' set to join DEME fleet

The combination of power, size and new innovations make mega cutter 'Spartacus' a new benchmark in the dredging industry. 'Spartacus' will be built at Royal IHC in the Netherlands and will be delivered in the summer of 2019.

With a total installed capacity of 44.180 kW 'Spartacus' will be the most powerful Cutter Suction Dredger that has ever been built. The vessel's power will enable her to cut harder soils at speeds that have not been possible before. This means that works can be taken on by the cutter dredger rather than relying on the use of dynamite and blasting.

'Spartacus' will be able to dredge in waters of up to 45 m, compared to the 35 m depth which is presently the upper limit in the market and the dredger is capable of operating in very remote locations with limited infrastructure, given her fuel autonomy and accommodation capacity.

DEME believes this exceptional vessel will create its own market, by achieving what has been impossible until now.

The 164 m long 'Spartacus' will be the world's first LNG-powered Cutter Suction Dredger and follows the order of the first LNG-powered Trailing Suction Hopper Dredgers 'Minerva' and 'Scheldt River'. It will have a Green Passport and Clean Design notation.

The environmentally friendly Cutter Suction Dredger will also have other new innovations on board, such as a waste heat recovery system that converts heat from the exhaust gasses to electrical energy. DEME's investment programme in greener ships shows that the company does not just want to meet current legislation and requirements, it wants to exceed them and go beyond compliance.

## **About DEME**

The Belgian dredging, environmental and marine engineering group DEME is an international market leader for complex marine engineering works.

Building on more than 140 years of experience and know-how, DEME has organically moved into several related sectors, such as the financing of marine engineering and environmental projects, executing complex EPC related marine engineering projects including civil engineering works, the development and construction of renewable energy projects, providing services for the oil, gas and energy sector, the decontaminating and recycling of polluted soils and silts, the harvesting of marine resources, etc. Thanks to an integrated company structure, DEME strongly emerges as a 'global solutions provider' which offers its clients overall solutions. DEME has the most modern, high-tech and versatile fleet.

DEME Group has 4,600 employees worldwide and achieved a turnover of 2.35 billion euros in 2015. www.deme-group.com



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Artist impression Spartacus