



**DEME**

Dredging, Environmental  
& Marine Engineering

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PRESS RELEASE

## **Keel Laying Ceremony for DEME's multipurpose vessel 'Living Stone'**

- Most advanced vessel in its class with DP3 capability & dual fuel engines
- Ship delivery in 2017

**ZWIJNDRECHT (BE) – BILBAO (ES) | To further strengthen its position in the offshore renewable power generation & transportation market, DEME has started the construction of the multipurpose vessel 'Living Stone'. The vessel is being built by the Spanish shipyard LaNaval near Bilbao where recently the keel laying ceremony took place. The 'Living Stone' will be delivered in 2017 making it another DEME vessel equipped with dual fuel engines, in addition to the self-propelled jack-up vessel 'Apollo' and 3 other hopper dredgers that have been ordered.**

The multipurpose vessel 'Living Stone' will be the most advanced in its class. The vessel features DP3 (Dynamic Positioning 3) capability together with an important total loading capacity of 12.500 tons. It will be equipped with two large 5.000 tons cable/umbilical carrousel arranged below deck allowing for a free deck space of ca. 3500 m<sup>2</sup> which accommodates the modular cable/umbilical handling systems, remotely operated vehicles (ROVs), the subsea trenching tool CBT 1100 and the fall-pipe system. A central moon pool of 7,7m by 7,7m and the installation of a 600 ton crane for subsea installation and removal complete this arrangement.

The new vessel will be able to accommodate up to 100 people and will serve transport and installation projects as well as offshore power cable and umbilical installation, interconnectors for the future European super grid amongst others.

### **Dual fuel**

The 'Living Stone' has been designed as an environmentally friendly vessel with 'dual fuel' main engines with LNG being its prime fuel. In order to operate the vessel with the lowest possible fuel consumption while also keeping CO<sub>2</sub> and NO<sub>x</sub> & SO<sub>x</sub> exhaust emissions to the strictest minimum, LNG as fuel and biodegradable grease and oil will be used combined with heat recovery.

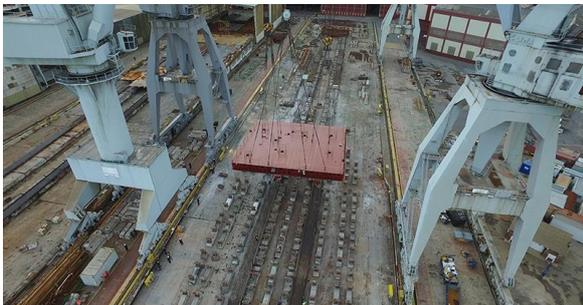
The 'Living Stone' will also have a Green Passport and the Clean Design Notation awarded to owners and operators who choose to design and operate their vessels in an environmentally sustainable manner. The aim is to reduce the vessel's emissions and waste so that the overall environmental burden from shipping is reduced.

The 'Living Stone' will join the fleet of fall-pipe vessels of DEME's offshore division Tideway which currently includes the 'Flintstone', 'Rollingstone' and 'Seahorse'.

### Artist impression 'Living Stone'



### Pictures keel laying ceremony 'Living Stone'



For more information

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## **About DEME**

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

Driven by several worldwide challenges (rising sea level - the scarcity of raw materials - the growing need for energy - reducing CO2 emissions - the contamination of our waterways and soils), DEME has transformed from solely a dredging and land reclamation company to a worldwide operating multidisciplinary and innovative marine engineering and environmental group.

Building on 170 years of experience and know-how, DEME has organically moved into several related activities, such as the financing of marine engineering and environmental projects, executing EPC related complex 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 sludge, the mining of marine resources (granulates and minerals), 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 was named 'Belgian Enterprise of the Year 2015' and has 4,600 employees worldwide. In 2014, the Group achieved a turnover of 2.6 billion euros.

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