



**4 March 2020**

**PRESS RELEASE**

**DEME and partners present HYPOR<sup>®</sup>Duqm,  
a large-scale green hydrogen project in Oman**

**DEME Concessions and Omani partners are announcing an exclusive partnership to develop a world leading, green hydrogen plant in Duqm, Oman.**

The facility will significantly contribute to the decarbonisation of the regional chemical industry in Oman, as well as providing green hydrogen and/or derivatives (such as green methanol or ammonia) to international customers in Europe, for example in the Port of Antwerp. The envisaged electrolyser capacity for a first phase is estimated between 250 and 500 MW. Following this first phase, upscaling of the installation is foreseen. The advantage of the location in Duqm is the availability of cheap renewable energy (solar and wind), as well as large, accessible sites (on- and offshore).

Together with Port of Antwerp International, DEME Concessions is already active in Duqm through a participation in the Port of Duqm Company SAOC.

**Green hydrogen**

If hydrogen (H<sub>2</sub>) is produced with electricity by means of electrolysis, no CO<sub>2</sub> is released in the process. However, the hydrogen produced can only be called “green” if renewable electricity is used in the process. The potential role of green hydrogen in the energy transition is threefold: Green H<sub>2</sub> can act as an alternative and decarbonised feedstock for the petrochemical industry, as a clean energy source for the industry and the mobility sector, and as an energy carrier and temporary storage for (excess) green electricity.

**Phased process**

The first phase of the project will comprise an in-depth feasibility study – coordinated by the global consulting firm Roland Berger – to determine customer offtake choices, technology options, electricity feed-in options, hydrogen (derivatives) shipping options and to define the concept and scope of the commercial scale demonstration project. The feasibility phase will be followed by the detailed design and engineering, further project development and finalisation of offtake routes and financing. A Final Investment Decision for the commercial scale demonstration project is expected during 2021.

**About DEME**

DEME is a world leader in the highly specialised fields of dredging, marine engineering and environmental remediation. The company can build on more than 140 years of know-how and experience and has fostered a pioneering approach throughout its history, being a front runner in innovation and new technologies.

DEME's vision is to work towards a sustainable future by offering solutions for global challenges: a rising sea level, a growing population, reduction of CO<sub>2</sub> emissions, polluted rivers and soils and the scarcity of natural resources. Although DEME's activities originated with the core dredging business, the portfolio diversified substantially over the decades, including dredging and land reclamation, solutions for the offshore energy market, infra marine solutions and environmental solutions.

While the company's roots are in Belgium, DEME has built a strong presence in all of the world's seas and continents, operating in more than 90 countries worldwide. DEME can rely on 5,200 highly skilled professionals

across the globe. With a versatile and modern fleet of over 100 vessels, backed by a broad range of auxiliary equipment, the company can provide solutions for even the most complex projects.

**Media contact DEME:**

Vicky Cosemans, Head of Communications DEME Group

[cosemans.vicky@deme-group.com](mailto:cosemans.vicky@deme-group.com)

T: +32 3 250 59 22