

MBG and STADSBADER CONTRACTORS start construction of tank for greenest ethane cracker in Europe

30/05/2023 – MBG and STADSBADER CONTRACTORS have started construction of a 200.000 m³ cold storage tank for TGE GAS ENGINEERING in the port of Antwerp. The tank is an essential part of INEOS Project One, the ethane cracker with the lowest carbon footprint in Europe.

Approximately ten years after the successful realisation of an ethylene tank for INEOS, TGE, MBG and STADSBADER CONTRACTORS are combining their expertise for the construction of a new ethane tank with a capacity of 200.000 m³.

The new ethane cracker of Project ONE sets a new standard in the industry as it has a carbon footprint of less than 50% of the best comparable European crackers. The installation is ready for zero carbon as it already runs partially on hydrogen which is a by-product of the cracking process which can be augmented to 100% as soon as sufficient low carbon hydrogen becomes available.

Both MBG and STADSBADER CONTRACTORS have a proven track record in the construction of tanks, providing the necessary know-how for this multidisciplinary project with high safety and sustainability requirements. With a diameter of 95 metres and height of 50 metres, the tank will have 80cm-thick walls for optimal safety and rest on 603 foundation piles of 1 metre diameter, with a floating floor plate rising 1.8 metres above the ground.

“We are confident that, with our combined expertise and history of strong collaboration, we will successfully deliver this challenging project. We are excited to help our industrial customers in their transition and help set a new standard in the sector”, said Jan Folens, Executive Director of STADSBADER CONTRACTORS and Luc Stuyck, General Director of MBG.

Chris Cnudde, Area Project Manager INEOS Project ONE, stated:

“Based on the successful previous working experiences for INEOS sites in Zwijndrecht (Belgium), Grangemouth (UK) and Rafnes (Norway), we are confident that TGE Gas Engineering, as a leading player in the design and construction of full-containment cryogenic tanks, together with its local partners, will also bring this project to a successful conclusion.”

Construction of the tank on site started in April 2023 and completion of the Project ONE complex is foreseen for April 2026.

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About TGE

TGE looks back on over 40 years of experience in the storage and handling of liquefied gases. Founded in 1980, we have delivered since then millions of cubic meters' worth of storage and distribution facilities for liquefied gases. We started out as a small, privately owned company in Bonn, Germany, and have continuously expanded to become a major partner in the natural gas and petrochemical markets around the globe. Today, we are integrated in the CIMC Group as a worldwide EPC contractor for international projects.

www.tge-gas.com/

About MBG

MBG, member of the CFE Group, is the trusted construction and renovation partner for the residential, healthcare, public and industrial sectors, specialized in complex projects that require a high level of expertise. The MBG team counts xxx employees who strive to deliver projects that challenge the status quo and set new standards in sustainability, creating a better world for future generations.

MBG, your partner in construction

www.mbg.be

About STADSBADER CONTRACTORS

STADSBADER CONTRACTORS employees work tirelessly to create a better living environment, day in day out. Our work ethos is also embodied by our baseline: Together we create space. We accomplish this via the realisation of rail works, road works, tunnels and bridges that enhance the safety and mobility of road users, and industrial projects that contribute to economic prosperity. This expertise enables us to profile ourselves as the preferred partner for the realisation of large and complex projects. Our nationwide coverage additionally allows us to guarantee a local service for public and private customers alike. Multidisciplinary, sustainable and reliable; that is STADSBADER CONTRACTORS to a tee.

www.stadsbader-contractors.be

About INEOS

INEOS is a global manufacturing company making the raw materials and energy used for everyday life. Its products make an indispensable contribution to society by providing the most sustainable options for a wide range of societal needs. For example, preservation of food and clean water; construction of wind turbines, solar panels and other renewable technologies; for construction of lighter and more fuel-efficient vehicles and aircraft; for medical devices and applications; for clothing and apparel; and for insulation and other industrial and home applications.

INEOS businesses have put in place the plans and actions needed to ensure that they lead the transition to a net zero economy by no later than 2050, whilst remaining profitable, and staying ahead of evolving regulations and legislation. As part of its greenhouse gas emission reduction strategy, there is widespread goal to move to a more circular economy, in which materials are re-used to their maximum extent.

www.ineos.com

About Project ONE

- State-of-art plant to produce ethylene, a vital raw material for a wide range of products essential to our daily lives, from insulation, to lightweight vehicles, plastics for medical, healthcare and food hygiene, as well as technology for renewable energy.
- Lowest carbon footprint of all European crackers, less than half the amount of the 10% best performers
- Investment of around €4 billion in port of Antwerp
- 2,500 workers on site at the peak of construction. 450 new jobs (300 payroll, 150 permanent contractors) and thousands of indirect jobs. Construction plant duration 4 years – start-up expected in 2026
- Exceptional Investment of the Year Award (Flanders Investment & Trade, 2020)

project-one.ineos.com

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