

Reduction of greenhouse gases: thyssenkrupp Uhde completes EnviNOx® project for Dyno Nobel in Moranbah, Australia

- **EnviNOx® technology leading the Australian market for N₂O reduction in nitric acid plants**
- **N₂O and NO_x concentrations steadily reduced to less than 5 ppm(v)**

thyssenkrupp Uhde and Dyno Nobel have successfully completed the nitrous oxide abatement project in Moranbah, Australia with the successful commissioning of thyssenkrupp Uhde's highly effective EnviNOx® technology to reduce greenhouse gas emissions at Dyno Nobel's nitric acid plant in Moranbah, Australia.

For this project, thyssenkrupp Uhde was responsible for the process engineering and provided its proprietary equipment, including the EnviNOx® reactor and the EnviNOx® catalyst manufactured by BASF. Dyno Nobel, part of Incitec Pivot Limited, is an industry leader in blasting technology, commercial explosives and blasting services.

With the EnviNOx® technology, it is anticipated that the Dyno Nobel nitrous oxide abatement project will abate approximately 200,000 tonnes of carbon dioxide equivalent emissions per annum during a lifespan of 20 years. These emissions savings are comparable to taking 50,000 cars off the road.

Lucretia Löscher, COO of thyssenkrupp Uhde: "EnviNOx technology is one of the world's leading technologies to eliminate greenhouse gas emissions in industrial plants. We at thyssenkrupp Uhde are committed to help our customer reducing the carbon footprint of their assets. We are dedicated to a more sustainable future and therefore support our customers in achieving their sustainability goals with our proven technologies across the entire value chain."

Mauro Neves, CEO & Managing Director of Incitec Pivot Limited: "Our \$20 million investment in this project is part of our commitment to the region, to our customers and our decarbonization efforts. We are proud to officially open this innovative project in Moranbah which has been possible thanks to the skilled and dedicated team behind its successful installation and operation, including world leaders in N₂O abatement, thyssenkrupp Uhde."

Leading technology for reducing greenhouse gas emissions

thyssenkrupp Uhde's innovative EnviNOx® technology leads the charge in tackling global warming by effectively targeting N₂O and NO_x emissions in various chemical production plants worldwide. With over 60 industrial-scale EnviNOx® units already in operation, this technology reduces more than 30,000 tonnes of NO_x and around 70,000 tonnes of N₂O emissions annually, which is equivalent to offsetting approximately 20 million tonnes of CO₂. As a result, EnviNOx® technology continues to make a significant contribution to the global reduction of gases, that are harmful to the climate and the environment and establishes thyssenkrupp Uhde as a pioneer in the Australian market.

About thyssenkrupp Uhde

thyssenkrupp Uhde combines unique technological expertise and decades of global experience in the engineering, procurement, construction and service of chemical plants. We develop innovative processes and products for a more sustainable future and thus contribute to the long-term success of our customers in almost all areas of the chemical industry. Our portfolio includes leading technologies for the production of base chemicals, fertilizers and polymers as well as complete value-chains for green hydrogen and sustainable chemicals. www.thyssenkrupp-uhde.com

About Dyno Nobel

Dyno Nobel is an industry leader in blasting technology, commercial explosives and blasting services. With a history dating back to the pioneering work of its founder Alfred Nobel, Dyno Nobel was founded on the principles of innovation, safety, and excellence. Dyno Nobel has a strong presence across six continents, including a global network of manufacturing facilities and distribution channels and delivers reliable, efficient, and sustainable solutions to customers across industries including mining, quarry and construction and oil and gas. The company's world-class people include some of the most highly recognised and experienced blasting technology engineers and blasters in the industry. For more information visit: <https://www.dynonobel.com/>

About Incitec Pivot Limited

An ASX100 company, IPL has two industry leading businesses, Dyno Nobel based in the Americas, Asia Pacific and Europe, Middle East and Africa (EMEA) regions and Incitec Pivot Fertilisers (IPF), a leading integrated manufacturer and distributor of fertilisers across the east coast of Australia. We are an international business with world-scale explosives and fertiliser manufacturing, leading technology solutions, marketing and servicing operations. We are proud to be considered a trusted partner by customers and suppliers. For more information visit: <https://www.incitecpivot.com.au/>

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