

Press Release

Date: 18.09.2024

Version: FINAL

Stamicarbon (MAIRE) awarded licensing and process design package based on its Ultra-Low Energy proprietary technology for El Delta urea plant expansion in Egypt

Sittard, The Netherlands — Stamicarbon, the nitrogen technology licensor of MAIRE S.p.A., has been awarded the licensing and the Process Design Package (PDP) for the upgrade and expansion of El Delta Company for Fertilizer and Chemical Industries' urea plant in Talkha, El Mansoura, Dakahlia Governorate, Egypt.

Stamicarbon will provide the license and the PDP to increase the urea plant's production capacity from 1,725 metric tons per day (MTPD) to 2,250 MTPD by applying its proprietary **Ultra-Low Energy Design**. This technology, part of the proprietary **NX STAMI Urea™ series**, achieves a 35% reduction in steam consumption and a 16% decrease in cooling water use by utilizing high-pressure steam three times instead of twice, resulting in significant energy savings compared to conventional CO₂ stripping.

The contract also includes the license and design of a new urea granulation unit with a capacity of 2,250 MTPD. Stamicarbon will apply its latest urea fluid-bed granulation technology that ensures the production of high-quality urea that meets the strictest industry standards.

"We are honored to be entrusted with this significant project, which further solidifies Stamicarbon's role as a leader in urea melt and finishing technologies in Egypt," says Pejman Djavdan, CEO of Stamicarbon. "This expansion will significantly improve El Delta's production from both a capacity and sustainability perspective."

Stamicarbon B.V.

Stamicarbon, the nitrogen technology licensor of MAIRE S.p.A., designs and licenses fertilizer plant technologies, specializing in urea, green ammonia, and nitric acid. As part of NEXTCHEM, MAIRE's Sustainable Technology Solutions business unit, Stamicarbon leverages the capabilities and expertise of a world-leading engineering group. In total, Stamicarbon has licensed more than 260 urea plants and realized more than 100 revamping and optimization projects. Applying 75 years of knowledge and experience, Stamicarbon offers customers tailored solutions and services to maintain, improve and optimize plants in every stage of their life cycle, with a focus on sustainable fertilizer production. As pioneers with a higher purpose, Stamicarbon has a vision to help enable the world to feed itself and

improve the quality of life. Stamicarbon is headquartered in Sittard, The Netherlands, and operates worldwide. For more information: www.stamicarbon.com.

Stamicarbon Media Relations

Nikolay Ketov, Public Relations Officer
M +31 6 11 87 68 86
E nikolay.ketov@stamicarbon.com

MAIRE S.p.A.

MAIRE S.p.A. leads a technology and engineering group that develops and implements innovative solutions to enable the Energy Transition. We offer Sustainable Technology Solutions and Integrated E&C Solutions in nitrogen fertilizers, hydrogen, circular carbon, fuels, chemicals, and polymers. MAIRE creates value in 45 countries and relies on over 8,300 employees, supported by over 20,000 people engaged in its projects worldwide. MAIRE is listed on the Milan Stock Exchange (ticker “MAIRE”). For further information: <https://www.groupmaire.com/en/>.

Group Media Relations

Carlo Nicolais, Tommaso Verani
T +39 02 6313-7603
E mediarelations@mairetecnimont.it