

Evonik expands MetAMINO® feedstock production facility in Singapore

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The expansion of Evonik's MetAMINO® (DL-methionine) production facilities in Singapore has been completed. The MetAMINO® production on Jurong Island is again running at full capacity, after shutdowns in Q4/2023 and Q2/2024. The production capacity has been increased by 40,000 metric tons, bringing the total to 340,000 metric tons per year. The expansion was accomplished ahead of schedule.



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Through process intensification, Evonik has optimized its methionine production plants, generating a surplus of steam that is used to produce on-site electricity.

Linde, one of Evonik's partners on Jurong Island, has designed, constructed, and is operating a nine-megawatt alkaline electrolyzer plant, which is the largest of its kind ever installed in Singapore. The unit enables Evonik's efforts to use green hydrogen required for the MetAMINO® production and reflects the company's commitment to sustainability and reducing its environmental impact.

"Our collaboration with Linde on the implementation of green hydrogen in our Singapore facilities is a testament to our commitment to sustainability. We work closely with our partners to build a more sustainable future," says Dr. Harald Schwager, Deputy Chairman of the Executive Board.

Evonik's DL-methionine plants in Singapore have reduced the product carbon footprint of MetAMINO® at this site (Scope 1+2+3) by six percent compared to before the expansion.

The expansion of the MetAMINO® production facilities was inaugurated during a festive ceremony attended by Ms. Grace Fu, Singapore's Minister for Sustainability and the Environment and Minister-in-Charge of Trade Relations: "Evonik's latest expansion will help address two urgent problems – climate change and food production – in a sustainable way. By increasing its product yield with fewer emissions, Evonik's facility will help to feed a growing population while streamlining our carbon footprint. Congratulations to Evonik for paving the way to a more sustainable future," said Minister Fu.

In 2023, Evonik set its own science-based targets that have been approved by the Science Based Targets Initiative (SBTi) as consistent with a well-below 2°C (WB2C) pathway. "We are committed to reducing emissions in line with the latest climate science, and consequently, we have a long-term ambition to expand our targets to align with a 1.5°C warming pathway, and reach net-zero emissions by 2050", says Gaetano Blanda, head of the Animal Nutrition business line.

MetAMINO® is used in livestock production to feed animals healthily, efficiently, and sustainably. With its science-based approach, the Animal Nutrition business line of Evonik develops products, services and system solutions that help supply a growing world population with healthy, high-quality and affordable animal protein. Animal Nutrition is part of Evonik's Nutrition & Care division and contributes significantly to the profitable growth of Nutrition & Care through its self-financing power.