

## Casale and OMNI Sign MoA to Jointly Advance Waste-to-Green Methanol and Hydrogen Technologies

**Lugano (Switzerland) / Ottawa (Canada), January 21, 2026** – Casale SA and OMNI Conversion Technologies Inc. have signed a Memorandum of Agreement (MoA) to jointly explore the development, integration, and implementation of OMNI’s proprietary OMNI300 thermochemical gasification system for the clean conversion of municipal solid waste (MSW) into syngas-based products, including **green methanol** and **hydrogen-derived fuels**.

Casale, a Swiss-based technology licensor and engineering company, brings over 100 years of experience in delivering integrated technologies, engineering, and construction services for the fertilizer and chemical industries. With a portfolio covering **ammonia, hydrogen & syngas, methanol, urea, melamine, nitric acid and nitrate/phosphate fertilizers**, Casale is a recognized global player in the transition toward low-carbon chemical production.

OMNI is a Canadian company specializing in waste-to-fuel solutions, offering the patented **OMNI300 system**—a modular, scalable gasification platform that transforms waste into clean syngas for the production of **low-carbon fuels** such as **methanol, hydrogen, renewable natural gas (RNG), and sustainable aviation fuel (SAF)**.

### Driving Circularity and Decarbonization

This partnership aims to deliver fully integrated MSW-to-product solutions to clients seeking circular, sustainable pathways for waste valorization. By combining OMNI’s gasification technology with Casale’s process expertise and end-product technologies, the collaboration will enable communities across **Central Europe, North America**, and beyond to **turn non-recyclable waste into valuable chemicals and fuels**, while **reducing CO<sub>2</sub> emissions** and **minimizing environmental impact**.

The agreement positions Casale as a co-developer —on a non-exclusive basis— of OMNI’s municipal solid waste-to-syngas platform, contributing to the advancement of circular economy solutions and supporting decarbonization through practical, scalable innovation.

*“This partnership will allow Casale to integrate a highly innovative and proven technology into our platform,”* said **Federico Zardi**, CEO of Casale SA.

*“OMNI’s solution adds to our growing portfolio of technology partnerships as we continue to deliver circular, economically sound processes with low environmental impact.”*

*“Teaming up with Casale—an established leader in clean fuels and chemicals—is a pivotal step in our growth journey,”* said **Jon Lundy**, CEO of OMNI.

*“Together, we can expand the reach of OMNI’s gasification technology and accelerate the global transition to low-carbon circular solutions.”*

### **About OMNI**

OMNI Conversion Technologies Inc. is a Canadian company specializing in proprietary gasification technology that converts waste and other solid materials into syngas for the production of low-carbon fuels. Its patented OMNI300 system delivers a robust, modular, and scalable solution for the clean conversion of waste into hydrogen, RNG, SAF, methanol, and other renewable fuels. With deep engineering expertise and proven commercial performance, OMNI helps industry and governments meet decarbonization goals and achieve true circularity.

[www.omnict.com](http://www.omnict.com)

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### **About Casale**

Casale SA is a global provider of technologies and turnkey solutions for the fertilizer and chemical industries, with a century-long legacy of innovation in ammonia, methanol, hydrogen & syngas, and nitrate-based products. Casale offers integrated licensing, engineering, and EPC services worldwide.

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