

Fedrigoni pioneers large-scale biomethane adoption as first Italian Special-Fine paper maker, accelerating decarbonization and securing its energy supply chain

Fedrigoni Group has entered one of Italy's first long-term biomethane supply agreements, covering approximately 40% of the gas requirements of its Italian manufacturing plants, reinforcing the Group's energy resilience, securing continuity of supply, and reducing the cradle-to-gate carbon footprint of products at these sites by 30 to 50%.

As a paper manufacturer, Fedrigoni operates within a hard-to-abate sector, characterized by technological limitations to electrification and unavoidable process emissions. Replacing fossil natural gas with renewable biomethane is one of the most concrete levers available today to act on both the resilience and the carbon intensity of paper production. Biomethane is a renewable gas delivered through the existing national gas grid, allocated to dedicated plants, already applied to Varone (TN), and certified with Guarantees of Origin (GO) and Proof of Sustainability (PoS) under RED II/III sustainability criteria. The agreement, signed with leading players in the development, acquisition, and management of biomethane, Verdalia Bioenergy, CH1 S.r.l., Fri-El e Bio.Methane.Hub S.r.l., is among the first long-term biomethane supply contracts in the Italian paper industry.

With approximately 40% of the participating mills' gas requirements covered by long-term biomethane contracts, Fedrigoni meaningfully mitigates its exposure to geopolitical volatility and reduces its reliance on imported fossil fuels. In parallel, substituting a portion of fossil natural gas consumption with biomethane reduces the cradle-to-gate carbon footprint of products manufactured at the participating mills by 30 to 50%, depending on the product line.

This initiative represents a concrete milestone within Fedrigoni Making Progress sustainability strategy and its ESG 2030 targets, a framework of measurable, fact-based commitments spanning carbon reduction, circular product design, and responsible sourcing. Beyond its environmental impact, it demonstrates that decarbonization and supply chain resilience are not competing priorities, but mutually reinforcing ones.

“Energy transition is only truly sustainable when it also strengthens competitiveness and resilience, for Fedrigoni and for the customers who rely on us.” — Stefano Zanoni, Group Head of Energy Transition

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