

News Release

Novelis and Fives partner to advance Energy Efficiency in Aluminium Recycling

Novelis and Fives have upgraded three aluminium melting furnaces at the Voerde, Germany, site, achieving more than 40% reduction in carbon footprint and significantly lowering gas consumption.

ZURICH, 12 November 2025 – Novelis, a leading sustainable aluminum solutions provider and the world leader in aluminum rolling and recycling, and Fives, a global leader in industrial combustion with over 100 years of expertise, have successfully completed the revamping of three secondary aluminium melting furnaces at Novelis' facility in Voerde, Germany. This joint project marks an important step forward in the decarbonization of industrial processes and highlights the shared commitment of both companies to sustainability and innovation.

High-Performance Combustion Technology Drives Sustainability

In close collaboration, Novelis and Fives upgraded three existing melting furnaces at Novelis' plant in Voerde, Germany, with Fives' state-of-the-art North American® regenerative technology. The North American TwinBed® II burners, manufactured by Fives, are recognized for their energy efficiency, low emissions and robust design.

From engineering and design to commissioning, the project was fully managed by Fives' North American Combustion's teams based in Bilbao, Spain.

The final furnace was recently commissioned, resulting in a more than 40% reduction in carbon footprint, based on gas consumption, compared to pre-upgrade levels measured in mid-2023 at the Voerde casthouse.

Strengthening a Long-Standing Partnership

"Sustainability is at the core of Novelis' business model," said **Emilio Braghi**, Executive Vice President and President Novelis Europe. "With our company vision, Novelis 3x30, we've set ambitious goals to advance circularity and decarbonization by 2030. The upgrade of our three melting furnaces represents a practical advancement in reducing our environmental footprint and improving operational efficiency."

"This project represents a new milestone in our long-standing collaboration with Novelis, which began nearly two decades ago," added **Pablo Arribalzaga**, Managing Director for Europe at Fives North American Combustion. "We are proud to support Novelis' sustainability journey with high-performance, low-emission combustion solutions tailored to their operations."

This achievement further strengthens the partnership between Fives and Novelis in Germany, which has grown over many years through a series of successful joint projects and a shared commitment to more sustainable and efficient industrial solutions.



About Novelis

Novelis Inc. is driven by its purpose of shaping a sustainable world together. We are a global leader in the production of innovative aluminum products and solutions and the world's largest recycler of aluminum. Our ambition is to be the leading provider of low-carbon, sustainable aluminum solutions and to achieve a fully circular economy by partnering with our suppliers, as well as our customers in the aerospace, automotive, beverage can and specialties industries throughout North America, Europe, Asia and South America. Novelis had net sales of \$17.1 billion in fiscal year 2025. Novelis is a subsidiary of Hindalco Industries Limited, an industry leader in aluminum and copper, and the metals flagship company of the Aditya Birla Group, a multinational conglomerate based in Mumbai. For more information, visit [novelis.com](https://www.novelis.com).

Statements made in this news release that describe Novelis' intentions, expectations, beliefs or predictions may be forward-looking statements within the meaning of securities laws. Forward-looking statements include statements preceded by, followed by, or including the words "accelerate," "achieve," or similar expressions. Examples of forward-looking statements in this news release include those related to Novelis' efforts and goals to accelerate circularity and achieve 75% average recycled content in our products, and be the lowest emissions flat rolled products (FRP) aluminum provider with less than 3 tonnes of CO₂e per tonne of FRP shipped. Novelis cautions that, by their nature, forward-looking statements involve risk and uncertainty. Novelis does not intend and disclaims any obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise. Important risk factors which could impact outcomes are included under the caption "Risk Factors" in Novelis' Form 10-K filed with the Securities and Exchange Commission for the fiscal year ended March 31, 2025, and as the same may be updated from time to time in Novelis' quarterly reports on Form 10-Q, or in other reports which we from time to time file with the SEC.

About Fives

From the first railway lines to the Eiffel Tower lifts and factory 4.0, for over 200 years Fives has been designing the disruptive solutions and technologies that make up industry. As a pioneer of decarbonization and digitalization, Fives is always one innovation ahead thanks to its ability to anticipate customer needs. By responding to the specificities of each market locally, Fives combines economic and environmental performance in 25 countries thanks to its 9,200 employees.

The Energy | Combustion Business Unit of Fives, under the renowned names ITAS®, North American® and Pillard®, designs, supplies and manufactures customized burners, combustion systems, and controls for furnaces, flares, and boilers. Fives' offer also includes maintenance services, process optimization and reduction of environmental footprint. More information: www.fivesgroup.com

###

Media Contact

Novelis

Europe Communications
Nicole von der Ropp
Nicole.vonderropp@novelis.com

Fives

Communications Manager
Diana Alves
diana.alves@fivesgroup.com