



Press release – Paris, February 20, 2025

## Saint-Gobain acquires Fives' unique hybrid heating technology to accelerate the decarbonization of its plant in Biandrate in Italy

Fives, a worldwide leader in industrial combustion, has been supporting Saint-Gobain for over 20 years in its project to become the worldwide leader in sustainable construction. Recently, in Italy, Fives installed a first e-Ductflame™ hybrid burner in the h-old site in Biandrate.

The expected results, consisting in a significant direct CO<sub>2</sub> emissions reduction, will enable a progressive decarbonization of the site's industrial process.

### An alliance of two technological leaderships for energy transition

Within the global Saint-Gobain business unit, Saint-Gobain h-old plant has started an electrification process which enhances a reduction of its impacts thanks to the solar energy produced on-site.

Fives implemented the **e-Ductflame™**, the Group's first patented hybrid e-burner which allows to replace gas with electricity. Using this solar energy, **it will enable to reduce CO<sub>2</sub> emissions, energy costs and thus to substantially lower Saint Gobain h-old's site environmental footprint.**

### First conclusive results

Compared to the previous system and thanks to a high flexibility in the energy source selection (solar at day, natural gas at night), the installation of the e-Ductflame™ will also enable Saint-Gobain h-old to:

- **Increase energy savings of fossil fuels**
- **Reduce its operating costs**
- **Improve the quality of the heating process**

Francesco Giudici, CEO of Fives ITAS, emphasized: *"Our collaboration with Saint-Gobain is another example of our technological leadership and our commitment to decarbonize industry. This project will allow to accelerate the transition of the coating sector."*

Saint-Gobain h-old: *"The fruitful collaboration between the two companies for this project was possible thanks to a mix of innovation, collaboration and commitment to reducing environmental impacts, fully in line with Saint-Gobain's purpose "Making the World a Better Home", and with Fives' commitment to the decarbonization of the coating sector."*

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©Fives: e-Ductflame™, Fives' first patented hybrid burner

**Fives, your partner for a more efficient and virtuous industry**

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 24 countries thanks to its 9,000 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' experts also provide maintenance services, process optimization and reduction of environmental footprint.

More information: [www.fivesgroup.com](http://www.fivesgroup.com)



**Press contacts:**

*Fives*  
Diana Alves  
+33 (0)6 30 41 25 90  
[diana.alves@fivesgroup.com](mailto:diana.alves@fivesgroup.com)

*Fives ITAS*  
Laura Pozzi  
+39 039 2733 333  
[laura.pozzi@fivesgroup.com](mailto:laura.pozzi@fivesgroup.com)