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SIME invests in the future with its renewed R&D laboratory

AN IMPORTANT STEP TO SUPPORT GREEN INNOVATION, FROM ELECTRIC HEAT PUMPS TO RENEWABLE GASES, CONFIRMING THE COMPANY'S COMMITMENT TO KEEP SKILLS AND MANUFACTURING IN ITALY.

Legnago (Verona), 24 September 2025 – SIME, a Verona-based company with more than fifty years of experience in the heating and home comfort sector, announces the inauguration of its renewed Research & Development Laboratory at its headquarters in Legnago. The investment, worth almost 2 million euros, represents a strategic choice in line with European policies aimed at decarbonization and environmental sustainability and is part of a broader industrial plan to strengthen manufacturing presence in Italy.

“This investment in our R&D laboratory represents a key milestone to look to the future with confidence and responsibility,” said Dr. Maria Cristina Menini, President of SIME. “As a second-generation company, we want to combine the strength of our Italian roots with technological innovation, in order to offer sustainable solutions that fully meet the needs of our customers and the European market.”

A state-of-the-art laboratory for renewable energies

The new investments in the R&D laboratory enable SIME to position itself at the forefront of the sector in terms of development and certification capabilities for green products: from full-electric heat pumps to renewable gases such as hydrogen and biomethane, with a multi-technology approach addressing the diverse needs of European systems.

Key innovations include:

- Two new climate chambers to certify electric or hybrid heat pumps, according to the most stringent European standards, under extreme temperature and humidity conditions. These are state-of-the-art facilities, compatible with low environmental impact refrigerants and equipped with all the necessary safety measures for hydrogen and renewable gas testing.
- Upgraded testing stations for boilers and hybrid systems with new instrumentation and safety systems for hydrogen and other renewable gases.
- A new acoustic testing room to develop increasingly efficient and quieter products.



- A new electromagnetic compatibility (EMC) testing room to ensure maximum product reliability.
- A fully digitalized data collection system to shorten testing times and optimize development processes.

The SIME laboratory, the first in Italy to be accredited for CE testing on boilers back in 2001, also includes:

- Nine stations for the certification of gas, oil, pellet, and wood boilers with capacities up to 1,200 kW.
- A system simulation room for fine-tuning thermoregulation.
- A reliability department with 12 accelerated life testing stations.
- An internal prototyping workshop.

Together, these facilities will strengthen SIME's ability to develop reliable, innovative products while also serving as valuable training support for service centers and key customers.

A pragmatic approach with benefits for the entire supply chain

The European heat pump market still faces technical and economic barriers, especially in existing buildings. SIME proposes a pragmatic approach with innovative solutions that generate benefits for the whole supply chain:

- For installers and service centers: easier-to-install products, reduced time and complexity, and ongoing training on new technologies.
- For final users: innovative solutions for energy savings with compact, quiet products requiring minimal intervention when replacing old units.
- For distributors and retailers: products constantly aligned with regulations and market demands, with faster response times.

Michele Landini, R&D Manager at SIME, highlighted: "In recent years, SIME has proven its ability to overcome installation limits and constraints through technological innovation, with unique products highly appreciated by the market such as MURELLE REVOLUTION – the only hybrid without an outdoor unit, ideal for historic centers and buildings subject to architectural restrictions – and UNIQA REVOLUTION – the high-efficiency boiler for quick replacements, avoiding invasive interventions on flue systems or condensate drains. The new laboratory will enable us to develop and certify products across all green technologies, from electric to renewable gases, while accelerating development times and responding even more effectively to market demands."



A concrete example for the near future is the new SHP WALL wall-mounted heat pump project, previewed at the ISH trade fair in Frankfurt and set to hit the market in 2026: a compact unit capable of replacing boilers in autonomous apartments, widely used across Europe.

Industrial vision and strong ties to the territory

Questo investimento si inserisce in un piano industriale più ampio che porterà, nei prossimi anni, all'introduzione e alla riconversione di linee produttive dello stabilimento di Legnago che saranno dedicate alle pompe di calore e andranno ad aggiungersi a quelle già attive per i sistemi ibridi e per i generatori a combustibili green. L'obiettivo è rafforzare il ruolo di SIME come punto di riferimento manifatturiero nella produzione di soluzioni energetiche rinnovabili a livello europeo.

Tutti gli stabilimenti produttivi del gruppo SIME sono situati in provincia di Verona, confermando lo stretto legame con il territorio e la volontà di mantenere progettazione, produzione e servizi in Italia. Ciò garantisce non solo la salvaguardia dell'occupazione, ma anche lo sviluppo di nuove professionalità qualificate.

The SIME Group

Founded in Legnago, Verona, in 1972, the SIME Group designs and manufactures solutions for heating and home comfort. Today, it employs over 260 people, operates three production plants in the province of Verona, with sales subsidiaries in Spain (Granada), the UK (Sheffield), and a representative office in China (Beijing).

The Legnago headquarters hosts the group's main production plant, the R&D laboratory, a modern training center, and commercial offices.

Led by Dr. Maria Cristina Menini, a second-generation entrepreneur, SIME recorded a consolidated turnover of around 70 million euros in 2024, exporting about 40% abroad to more than 45 countries worldwide.

For more than fifty years, SIME has combined innovation, quality, and experience to provide concrete solutions for home comfort, sustainability, and the energy transition.

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