

Schneider Electric: Eurotherm site is the first Italian Zero C02 building of the group

- Reduced energy use of HVAC and lighting systems, 100% renewable energy mix, energy consumption optimization to reduce emissions, without resorting to "carbon credits/offsets".
- Sustainability for corporate mobility, with the gradual replacement of the car fleet with hybrid vehicles and charging stations for electric cars.
- Italy is at the forefront of contributing to the goals that have made Schneider Electric the most sustainable company in the world, according to Corporate Knights

4 June 2021 – [Schneider Electric](#) is pleased to announce that their [Eurotherm](#), Italy office located in Guanzate (Province of Como), is the first Italian building of the group to become Zero C02 by reducing emissions of carbon dioxide and other greenhouse gases used in the infrastructures and operations of the building.

According to the Schneider Electric definition, a building is classed Zero C02 when any of its sites whether factory, office, R&D center, service center, etc., uses only **renewable energy sources**, purchased from suppliers or produced on site; moreover, **emissions must be reduced without purchasing carbon credits (C02 offsets)**; data about C02 emissions from energy consumption in the site must be disclosed externally with detailed information.



Committed to net-zero carbon by 2030

Making buildings carbon neutral or zero C02 is an integral part of [Schneider Electric's sustainability goals](#). In fact, the group is committed to making all of its operations carbon neutral, eliminating the emissions generated directly by its activities (emissions of scope 1 and 2 defined by the GHG protocol) and reaching net zero C02 goal by 2030; finally, the company intends to bring its entire value chain to be Net Zero C02, thus also eliminating indirect emissions (scope 3 emissions) by 2050.

These ambitious goals were announced at the COP 25 conference.

Eurotherm are a company within the group with worldwide offices and the Guanzate office is a 2000m² building, built in 1984, with more than 60 employees. As part of the group, the company has been providing industrial automation and process control solutions across a wide range of industries for over 50 years; a trusted partner for its customers, Eurotherm offers technologies that meet specific needs with the added value of greater efficiency and cost savings.

Saving 90 tons of C02 per year

To achieve the zero C02 goal, the building underwent an important **energy improvement project**, still in progress: the **heating and cooling** systems were replaced with heat pumps, the **lighting** was optimized to reduce energy consumption, adopting 100% high-efficiency LED lamps for outdoor lighting and 60% high-efficiency LED lamps for indoor lighting. The plants are powered exclusively by **energy from renewable sources**, with an energy mix guaranteed by the within the supplier contract. The

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complete abatement of the building's emissions avoids the production of 90 tons of CO₂ every year.

*"We are extremely proud of this achievement, which we believe to be an essential element of our contribution to a more sustainable global future. Corporate sustainability is one of the key elements in the success of our business", says **Giuseppe Mariano, CEO of Eurotherm by Schneider Electric Italy**. "I would like to emphasize that it is not a point of arrival, but a stage on the journey to further improve the sustainability and energy efficiency performance of the building. In fact, we are working to implement digital energy management with EcoStruxure™ Resource Advisor software and produce on-site electricity with photovoltaic panels to be installed on the roof of the building and in the company car park".*



*"We pay utmost attention to sustainability across all Schneider Electric and its group companies' sites in Italy. We leverage best practice and technologies that we ourselves develop, offering our customers solutions that help them obtain high energy and operational efficiency, reducing greenhouse gas emissions." comments **Stefania Iandolo, Schneider Electric's Sustainability Impact Leader Italy**. "Eurotherm's results give us great satisfaction and encourages us to multiply our commitment to ensure that Italy is at the forefront of the sustainability path, which we pursue with extremely ambitious objectives, such as that of achieving net-zero operational emissions from all our activities by 2030."*

In Guanzate, sustainability is also pursued with other initiatives, such as the progressive replacement of 45 company vehicles with hybrid-powered vehicles (currently 20% of the total) and the availability of charging stations for electric vehicles. These are "daily" but important choices, in line with the goal of converting the entire global corporate fleet to electric vehicles by 2025, which Schneider Electric has set by joining the EV100 initiative.

About Schneider Electric

At Schneider, we believe **access to energy and digital** is a basic human right. We empower all to **make the most of their energy and resources**, ensuring **Life Is On** everywhere, for everyone, at every moment.

We provide energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

We are committed to unleash the infinite possibilities of an open, global, innovative community that is passionate about our **Meaningful Purpose, Inclusive and Empowered** values.

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