



PHILIPS

Industry lighting

GreenWarehouse

Staci warehouse



Our stories

Less energy,
less emissions,
greater efficiency

Client
Staci Italia SRL
French international logistics firm

Location
Casorate Primo (PV)

Lighting system
GentleSpace gen2 with "GreenWarehouse" wireless control system

Brighter warehouse, lower energy bills

“ We’ve achieved our goal in terms of energy savings and, just as importantly, we’ve created an environment that protects our workers’ health.”

Daniele Conti, Staci Quality and Business Processes Engineering.

Saving energy, cutting emissions

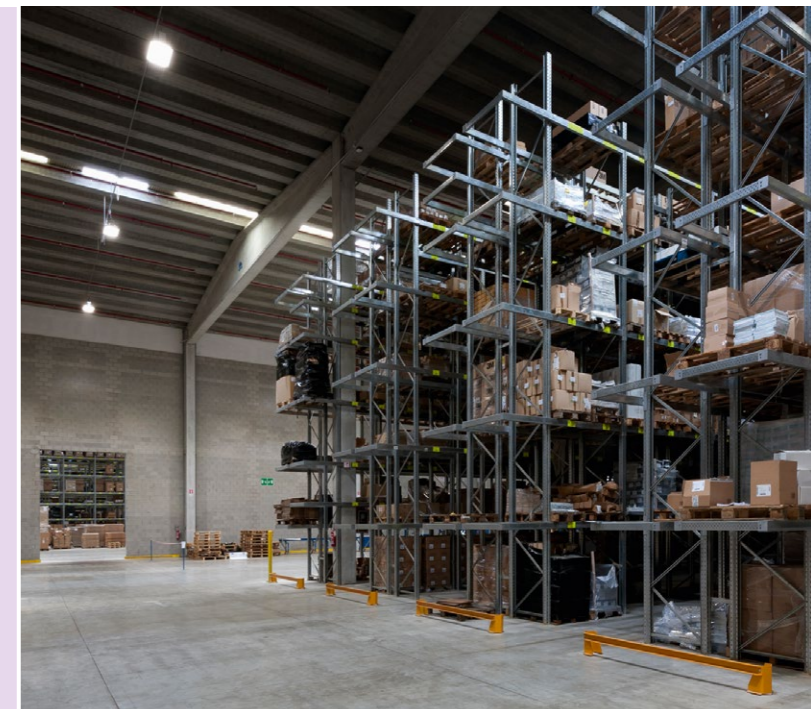
The GentleSpace gen2 light fixtures and the GreenWarehouse wireless control system have had a major impact on energy efficiency.

The project cut energy consumption by 82%, while maintaining a healthy lighting level that meets all current standards.

Environmental performance has also improved. In terms of tonnes of oil equivalent, Staci anticipates annual savings of around 55 TEP – which means 155,000 kg less CO₂ emissions every year.

“Illuminating a huge warehouse so that it’s bright and pleasant to work in, yet at the same time energy efficient, is no easy task,” says Daniele Conti, Staci Quality and Business Processes Engineering.

“9Ren and Philips were very knowledgeable and reliable partners, and came up with a design that met all our needs.”



Staci Italia provides logistics management technologies for clients in the promotion, advertising and supply chain markets. In 2015, Staci invested in a 24,000 sqm warehouse in Casorate Primo, near Pavia, and needed a new lighting system.

New warehouse, complex challenges

The company wanted a system that would significantly reduce its operating and maintenance costs, while meeting all relevant lighting regulations.

Staci chose to work with the 9Ren Group, one of Italy’s largest photovoltaic companies. Working in partnership with Philips, 9Ren Group came up with an innovative solution: GentleSpace gen2 with the GreenWarehouse wireless control system.

Drawing on Philips’ experience

For a project of this scale, Massimiliano Camporesi, 9Ren Group Sales Director, was pleased to have the support of Philips lighting experts.

“A 24,000 sqm warehouse requires a lot of resources and a detailed plan. We worked closely with Philips to make sure everything went smoothly.”

Viola Ferrario, Marketing Director, Philips Lighting Italy, Greece and Israel, adds: “The key to the project was to create a lighting design that conserved energy and cut operating costs, and also provided a healthy environment for staff working at the facility.”

Motion sensors slash energy consumption

“All lighting in the warehouse uses energy-efficient LED technology with an interactive management system,” explains Camporesi.

“There are around 450 GentleSpace gen2 light fixtures, including those in the offices. The lights are controlled by motion sensors and an automatic regulator with wireless control, which dims the lights to 10% of their power when they’re not in use.”

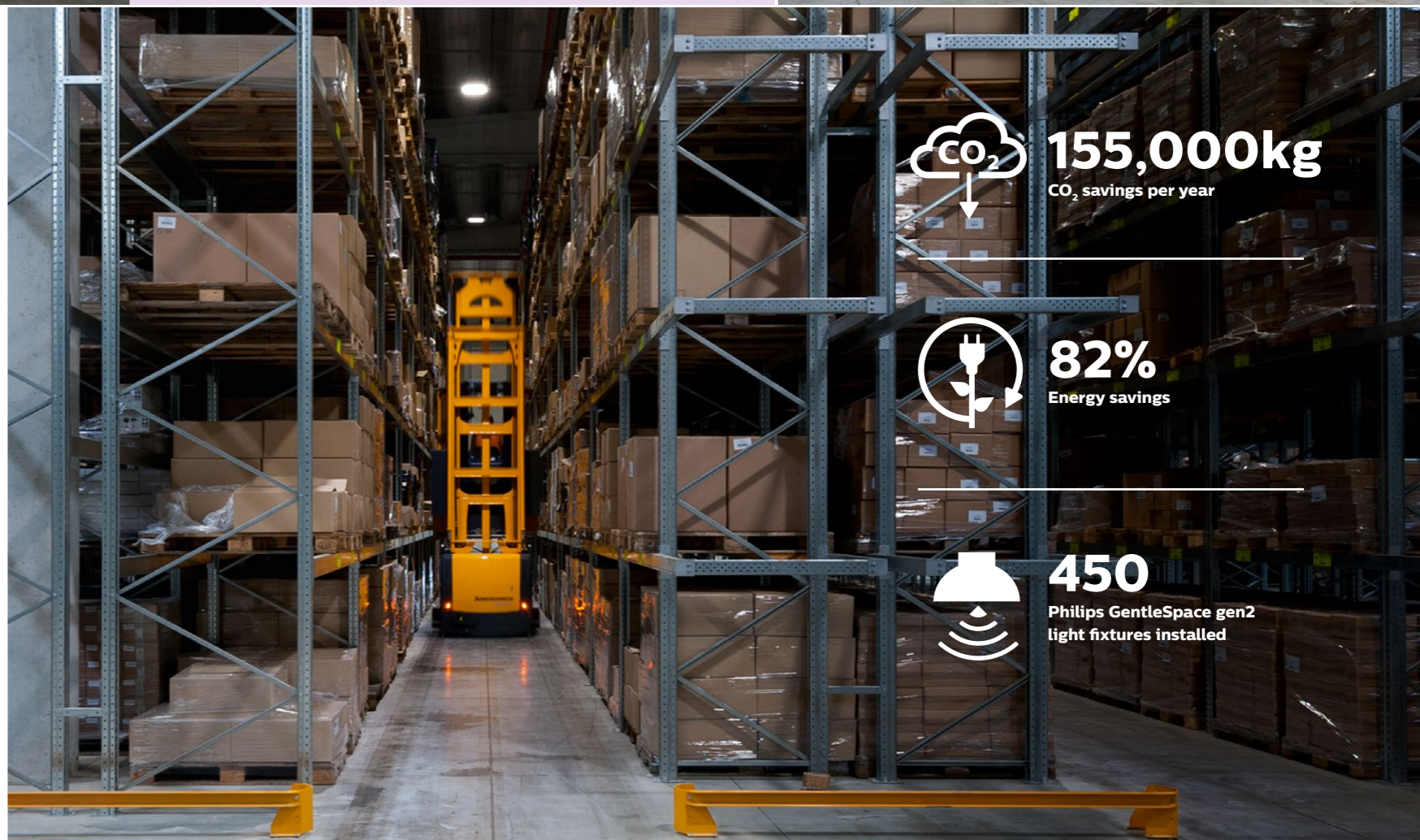
Lighting zones offer flexibility

The lighting design may have been complex, but the installation of the GreenWarehouse system was fast and simple.

“The lights were grouped into zones, which are activated by presence detection or can be controlled remotely,” adds Camporesi.

This motion-detection technology creates a highly flexible lighting environment that responds according to activity. For example, lighting zones activate automatically when staff unload deliveries, or when staff move stock from one part of the warehouse to another.

With GreenWarehouse’s smart energy efficiency, Staci is using lighting in specific areas only when it’s needed – enabling the company to save energy and cut running costs.



155,000kg
CO₂ savings per year

82%
Energy savings

450
Philips GentleSpace gen2 light fixtures installed

