



ENVAC

Envac

Envac is the leading and most innovative player in the global automated waste collection industry and the creator of pneumatic systems for residential, hospital, and airport applications. Through innovation and continuous improvement, Envac leads the design and implementation of cutting-edge systems, ensuring efficient resource management.

Our vision is to contribute to creating smarter and more efficient cities, improving citizens' quality of life, and helping to maintain a more sustainable planet for future generations.

Key numbers:

- 35 offices in 20 countries.
- 746 employees.
- +1200 installations worldwide.
- More than 6.6 million daily users.



Discover the Envac system



1. The waste inlets, waste disposal points, can be located on each floor or in a single space that is usually located in the common areas of the buildings. **2.** The air valve allows transport air to enter the system. **3.** These inlets are outdoor disposal points, one for each type of waste, and are located near the building for greater convenience. **4.** The downspouts are where the bags are temporarily stored. When they are almost full, the sensors send a signal to the waste collection station to activate a suction cycle. **5.** The discharge valve opens when it receives the order from the collection station. **6 and 7.** The bags are transported to the station, propelled by a current of air, through a network of underground pipes and at a speed of 70 km/h. **8.** Turbo extractors create a powerful air stream through the pipe network. **9.** The waste collection station can be located underground, in car parks, in the basement or in its own independent building.



CITIES



HOSPITALS



AIRPORTS



KITCHENS



6.6 MILLION
DAILY USERS

EMISSIONS
REDUCTION



RESOURCES
CIRCULARITY

BUSINESS
RESPONSIBILITY

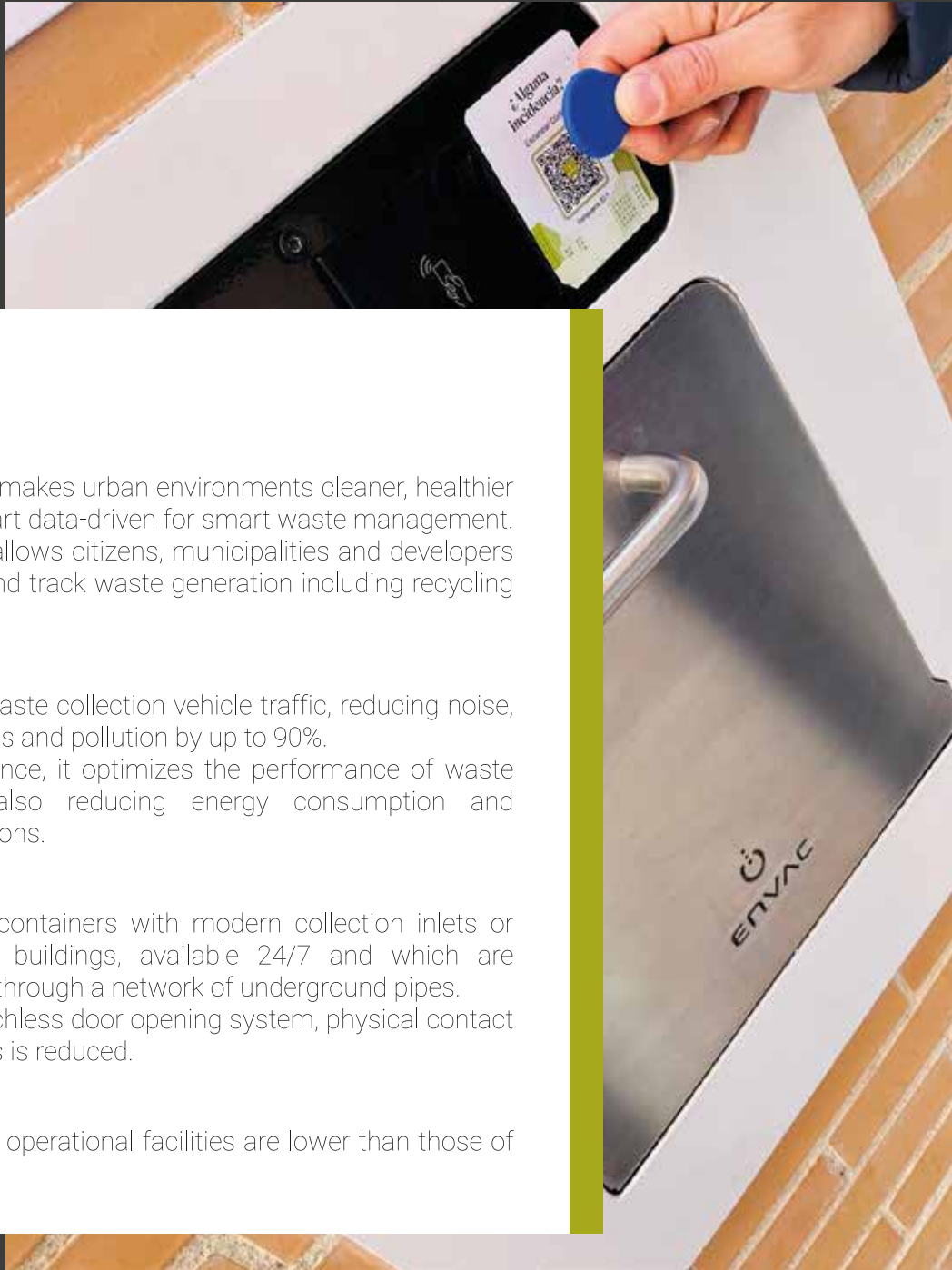


Sustainability

Sustainability has always been at the core of what we do and is an essential driver of our business. We enable smart, sustainable communities and drive the circular economy by redefining how society thinks of waste – today and for future generations.

With 2.5 billion more people living in urban areas by 2050 and a doubling of the amount of waste generated, cities require smarter and more sustainable waste management solutions. Envac is part of the broader solution by promoting circular resource use and carbon neutrality while improving quality of life and creating added value for property developers.





Benefits

Envac's innovative system makes urban environments cleaner, healthier and more sustainable. Smart data-driven for smart waste management. Envac's digital tool reflow allows citizens, municipalities and developers the ability to understand and track waste generation including recycling rates.

SUSTAINABILITY

- Significantly reduces waste collection vehicle traffic, reducing noise, NOX and CO2 emissions and pollution by up to 90%.
- Using Artificial Intelligence, it optimizes the performance of waste collection systems, also reducing energy consumption and greenhouse gas emissions.

QUALITY OF LIFE

- It replaces traditional containers with modern collection inlets or disposal gates inside buildings, available 24/7 and which are automatically emptied through a network of underground pipes.
- Thanks to the new touchless door opening system, physical contact with the disposal points is reduced.

OPERATION

- Operating costs in fully operational facilities are lower than those of traditional collection.



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