





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 is located as far as possible from homes, reducing noises, smells and pollution.



CITIES



HOSPITALS



AIRPORTS



KITCHENS



6.6 MILLION
DAILY USERS

**EMISSIONS
REDUCTION**



**RESOURCES
CIRCULARITY**

**BUSINESS
RESPONSIBILITY**

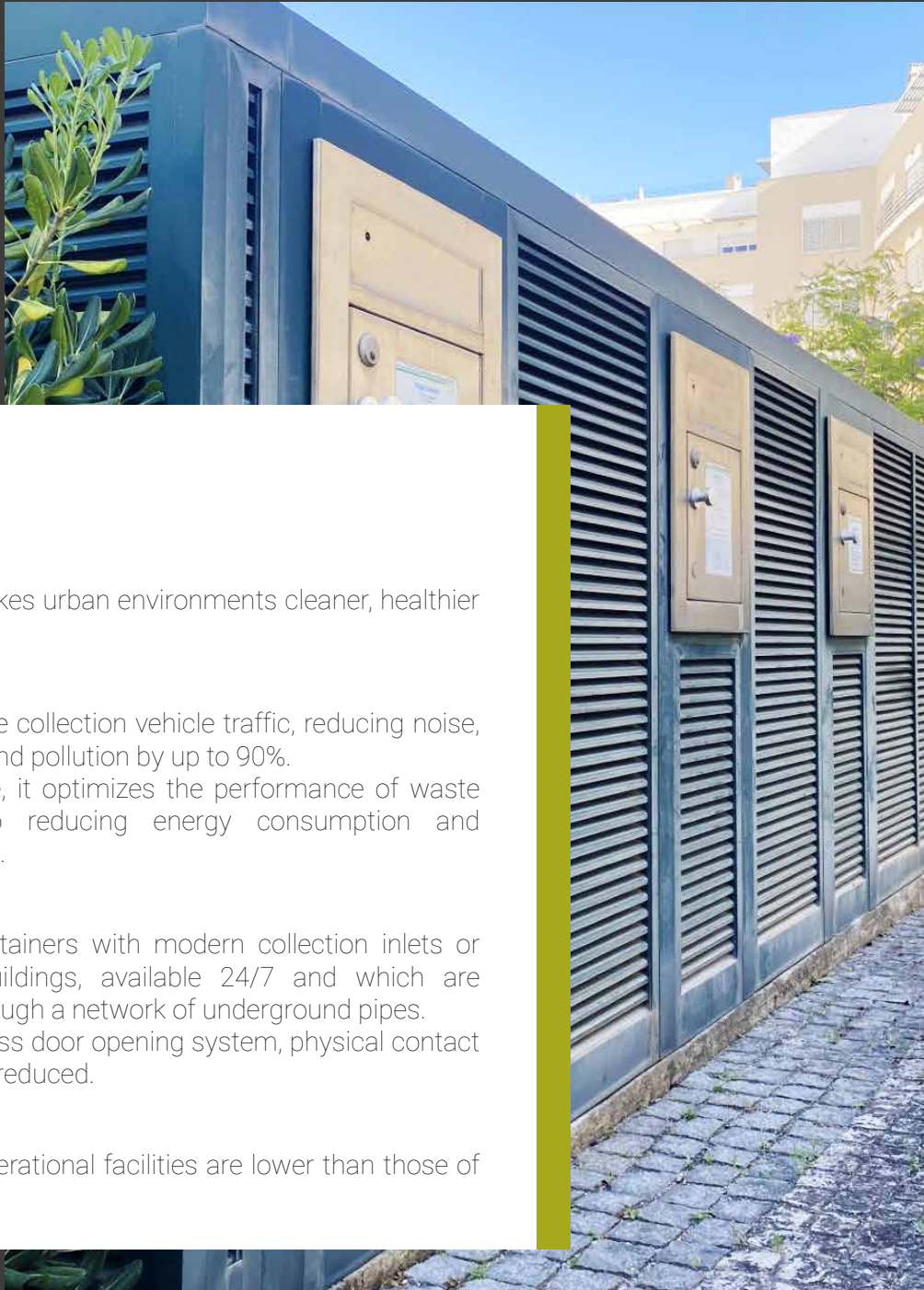


Sustainability

Sustainability has always been at the heart of everything we do, it is a cornerstone of our business. At Envac we are committed to smart and sustainable cities and to promoting circular economy by redefining waste management, contributing to improving the environmental impact and quality of life of citizens.

With more than 2.5 billion people living in urban areas in 2050, and twice as much waste generated, cities need solutions such as Envac systems, which promote the efficient use of resources, carbon neutrality and the reduction of traffic and pollution.





Benefits

Envac's innovative system makes urban environments cleaner, healthier and more sustainable.

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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