

TORINO AIRPORT GOES GREEN
FIRST ITALIAN AIRPORT WITH ELECTRIC AMBULANCE

The process of renewing the airport's vehicle fleet continues
It is one of the actions of Torino Green Airport, the airport's environmental sustainability plan

Caselle Torinese, 14 June 2023 – The **first electric ambulance for airport rescue services** has entered service at Torino Airport. Turin is the **first airport in Italy, and one of the first in Europe**, to be equipped with a CO₂-neutral vehicle to provide medical assistance to passengers and airport users.

The electric ambulance is part of the **process of replacing the airport's fleet with hybrid or fully electric vehicles** and represents a step forward in **Torino Green Airport's environmental sustainability path**, with the aim of achieving zero emissions under its own control well ahead of the 2050 deadline.

The electric vehicle is powered by two **100 A/h lithium batteries with a range of up to 6 hours, which can be fully recharged in about 4 hours** thanks to two 25-amp chargers. The lithium batteries last twice as long as those traditionally used and, at the end of their life, can be reconditioned and reused in a circular economy.

The ambulance also has state-of-the-art **solar panels installed on the roof**, capable of delivering up to 20A/h in ideal weather conditions, to meet the energy requirements of the medical equipment on board.

The equipment installed on the electric ambulance is the same as that of a traditional ambulance (stretcher, lounge chair, oxygen system and aspirator), with the addition of an ozonator designed specifically for the airport vehicle to sanitise the environment.

The interior of the electric ambulance is made of **PVCE, a plastic material that is easy to recycle** and, unlike the resins normally used, **does not break on impact**, but deforms and does not release harmful dust. All fittings, such as handles and cabinet hinges, are made of metal.

The exterior paintwork is made up of **high-intensity reflective strips**; to increase the vehicle's brightness and safety at night, a specially designed underbody system has been installed to create a high-visibility light island.

The fleet of CO₂-neutral airport vehicles is expanded with the entry into service of the electric ambulance.

Torino Airport already uses fully electric vehicles for aircraft handling, making it possible to achieve a **100% green turnaround process**. Carrying out turnarounds with electric vehicles has many advantages, first and foremost from an environmental point of view, as it reduces to zero the polluting

emissions of about **1 quintal of CO₂** that would be produced by using traditional diesel vehicles for the entire process.

About Torino Green Airport

Torino Green Airport¹ is the roadmap for environmental sustainability that includes all the measures already implemented, in progress and planned for the future at Torino Airport. It reaffirms the SAGAT Group's commitment to the environment and the fight against the climate crisis: the company considers it strategic to manage infrastructure and airport operations in an energy-efficient way, consuming less and less energy and avoiding the waste of resources.

Every activity is therefore aimed at respecting the environment in the broadest sense, and lines of action are articulated for all environmental assets: energy, CO₂ emissions and decarbonisation; management of green areas and protection of biodiversity; waste; water; airport noise. For more information, see the dedicated section of the website <https://www.torinoairport.com/it/sagat/chi-siamo/azienda/torino-green-airport>.

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