



P r e s s r e l e a s e

**TORINO AIRPORT EXPERIMENTS
IN PARTNERSHIP WITH ALBA ROBOT AND TORINO CITY LAB
THE USE OF PERSONAL MOBILITY DEVICES
WITH AUTONOMOUS DRIVING**

Caselle Torinese, March 16, 2022 – Start of the experimentation of personal mobility devices for the assistance of passengers with reduced mobility (PRM) at Torino Airport.

The project, carried out in collaboration with Turin startup Alba Robot as part of Torino City Lab, an innovation laboratory of the City of Turin in which the Airport is a partner, is aimed at testing the use of **SEDIA** (SEat Designed for Intelligent Autonomy), an innovative device with autonomous driving and voice commands.

The experimentation, the first in Italy to be applied in an airport, aims to employ a personal mobility device equipped with Artificial Intelligence in a real operating environment.

The initiative is divided into three phases:

- a co-design phase, during which the areas of application of the experiment, the regulatory aspects and the operational requirements of assistance to passengers with reduced mobility at airports were defined;
- a validation and optimization phase, with the setting of the platform and algorithms, the mapping of airport spaces, real environment tests and the use of personal mobility without the direct involvement of passengers;
- finally, a phase of operational experimentation, which provides for the use of Alba Robot personal mobility devices in the real assistance of passengers with reduced mobility at Torino Airport to those who request it.

Currently the validation and optimization phase is underway, after which the operational experimentation will be started.

The application of this innovative solution offers the advantage to the Torino Airport staff to be able to dedicate more time to support and relationship with passengers, relieving them from the mere handling.

In addition, the autonomous driving system on predefined maps allows the vehicles to autonomously relocate to the predefined service bays, once the assistance is over, optimizing the management of the fleet.



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