The Airport of the Future

ferrovial
airports

1 Airports will have to adapt surface access and car-parking infrastructure to allow for automation, electric and autonomous vehicles.

2 The number of stakeholders involved in surface-access activity will rapidly increase due to the growth of new mobility alternatives.

3 Intuitive wayfinding at the terminals will be paramount to offer a reliable and fast process to the passengers.

4 Check-in facilities will have to be flexible to meet airlines and passenger needs and passengers travelling without their luggage will bring new commercial opportunities.

9 Technology can provide the basis for automating some handling activities to increase safety, productivity, and on-time performance.

10 Adapting the folding-wing concept to commercial airplanes may become necessary to optimize apron space.

11 Airports with facilities for flying cars and suborbital spacecraft will enable profitable operations for all modes of transport.

12 Further efforts to mitigate noise, pollution, and will be needed.

5 Simple, adaptable, efficient, and distinctive architectural spaces will define the departure lounge of the future.

6 The customized journeys demanded by a new generation of passengers will bring new commercial opportunities.

7 Security checkpoints should need to evolve to a frictionless process, with potential solutions such as procedures off-airport, biometrics or risk-based assessments.

8 Baggage claim areas could become more than just a processing space for picking up bags, offering passengers a distinctive welcoming experience.