



Media Release

## **AVIATION: 5,000 NEW ELECTRIC AND HYDROGEN PLANES IN EUROPE BY 2050 THE BOOM OF GREEN FLIGHT AT THE “AIR MOBILITY SHOW” AT FIERA DI ROMA**

At least 5,000 new planes with electric or hydrogen engines will be registered in Europe by 2050. This number could potentially grow to 23,000 with the strengthening of policies to support sustainable technologies in the aviation sector. This would allow a reduction of 12 to 31% in carbon emissions into the atmosphere for short- and medium-range air connections between European countries by the middle of this century, according to predictions by the Alliance for Zero-Emission Aviation (AZE), a public-private alliance created in 2022 by the European Commission, to coordinate the efforts of airline industry players towards decarbonisation. The boom in green flight will be one of the major themes of the second edition of the “Air Mobility Show”, the trade show dedicated to drones, air mobility and electric aviation. It will take place as part of the international “ZeroEmission Mediterranean 2024” fair at Roma Exhibition Centre, from 16 to 18 October.

According to AZEA forecasts, new electric, hybrid or hydrogen-powered aircraft will enter the general aviation market, regional scheduled connections and the vertical take-off and landing air taxi sector within this decade. By the end of 2030, larger, single-aisle electric passenger aircraft will hit the market, while after 2040, large, long-range hydrogen-powered airliners should enter service. These new technologies will be a major focus of the “Air Mobility Show”, at the international conference “Future Flight: The outlook for electric and sustainable aviation”, organized by Mediarkè and MBVision, to be held on Wednesday 16 October. The conference will include experts from the European Aviation Safety Agency (EASA) and the National Civil Aviation Authority (ENAC), universities (Politecnico di Turin, Sapienza di Roma and Federico II di Napoli) and several specialized companies (Aeroporti di Roma, Jekta, Flying Whales, Kotnik Aviation, Pipistrel, OceanSky Cruises and Eaton). Further information is available from: [www.zeroemission.show/convegno-volontari/](http://www.zeroemission.show/convegno-volontari/).

The “Roma Drone Conference” will also take place during “ZeroEmission Mediterranean 2024”. The tenth edition of the industry conference on drones and the innovative air mobility sector is scheduled for Thursday 17 October and will be divided into two sessions. In the morning is the conference “Italy of Drones 2024: evaluation and outlook for the UAS market”, in which the Unmanned Aerial Systems (UAS) and Innovative Air Mobility (IAM) sectors in Italy will be discussed by representatives from institutions, companies, professionals and sector operators. The afternoon session is a round table on “Innovative Air Mobility in Italy: freight and passenger transport with UAS and eVTOL”, which will explore the outlook for the use of drones for goods delivery, as well as addressing the new challenges of transporting people in urban areas with electric air taxis with vertical take-off and landing, and building a network of vertiports.

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**Air Mobility Show**

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