

14th **EASN** International Conference

on "Innovation in Aviation and Space towards sustainability today & tomorrow"

**8-11 October
2024**

**Concert Hall, Thessaloniki
Greece**



PRESS RELEASE

Pioneering European Aviation Research and Innovation (R&I): The driving force of the EASN Conference series

The European Union has consistently supported groundbreaking R&I initiatives aimed at enhancing the competitiveness, sustainability, and safety of aviation. Through strategic funding and collaborative projects, the EU seeks to address critical challenges such as environmental impact, energy efficiency, and technological innovation. The achievements of groundbreaking R&I EU-funded projects will be showcased at the highly anticipated European Aeronautics Science Network (EASN) Conference, that will be held in Thessaloniki, Greece, this October. As the foremost dissemination event for aviation R&I in Europe, the EASN conference aims to foster collaboration among industry experts, researchers, and policymakers, driving forward the European aviation sector's sustainability and technological advancements.

Research and Innovation (R&I) play a pivotal role in transforming the aviation sector towards achieving European environmental sustainability and maintaining global competitiveness. The aviation industry, while a cornerstone of global connectivity and economic growth, faces significant challenges related to its environmental impact. European R&I initiatives are at the forefront of addressing these challenges by fostering the development of cutting-edge technologies and sustainable practices. Key objectives include the reduction of greenhouse gas emissions, improvement of energy efficiency, and the adoption of alternative fuels such as sustainable aviation fuels (SAF) and hydrogen. By investing in advanced research and collaborative innovation, Europe aims to lead the way in creating a greener aviation sector that aligns with the EU's ambitious climate goals. Furthermore, these R&I efforts contribute to the global competitiveness of the European aviation industry by ensuring that it remains a leader in technological advancements and sustainable practices.

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This year's conference promises an enriching program featuring keynote speeches, panel discussions, technical sessions, and interactive workshops. Attendees will have the opportunity to engage with leading researchers and industry professionals, gaining insights into the latest technological breakthroughs and trends. The conference will emphasize the importance of collaborative R&I programs, demonstrating how these initiatives contribute to the advancement of sustainable and innovative aviation solutions.

A highlight of the EASN Conference 2024 will be the thematic sessions organized in collaboration with the European Climate, Infrastructure, and Environment Executive Agency (CINEA), with the participation of more than 30 R&I EU-funded projects. These sessions will feature presentations and discussions on seven critical topics, each representing a frontier of aviation research and innovation:

- SAF. From the production to the aircraft refueling
- State of the art for H₂-air combustion & SOFC - Dynamic panel discussion
- Fueling the future: Hydrogen in aviation. From the production to the aircraft refueling
- Local Air Quality, noise. Managing environmental impact of aviation around airports
- Digitalization of Manufacturing, sustainable manufacturing, multifunctional structure & MRO
- Liquid Hydrogen storage for aviation
- Hydrogen in aviation. Fuel-flexible ultra-Low emissions combustion systems for sustainable aviation, H₂ combustion, SOFC

The 14th EASN International Conference promises to be a landmark event for the European aviation community. With 4 keynote speeches, 2 plenary panel discussions and more than 500 presentation slots and posters, it is expected to be the major gathering of the aviation sector for the year 2024. We invite researchers, industry professionals, policymakers, and all stakeholders to join us in Thessaloniki. Together, we will explore the forefront of aviation research and innovation, driving the industry towards sustainability and technological excellence.

For more information and to register for the conference, please visit easnconference.eu.