

## **EASA Annual Safety Conference 2023**

**Leveraging innovation for safe, sustainable air travel: From Seville to Sumatra**

### **Agenda**

#### **DAY 1, September 27, 2023**

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11:00 – 12:00 **CHECK-IN AND REGISTRATION**

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12:00 – 13:00 **NETWORKING LUNCH**

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13:00 – 13:15 **Leveraging innovation and disruptive technologies for safe, sustainable air travel**

Aviation technology is developing at an unprecedented pace. Similarly, we see disruptive technologies emerging fast in other areas of the economy, notably artificial intelligence, cloud computing and predictive maintenance. The EASA Annual Safety conference this year will discuss how aviation can leverage this boost of innovation for safe and sustainable air travel in line with the net-zero policy targets in the EU – the Green Deal and globally with ICAO's Long Term Aspirational Goal. We will do this by following a flight from Seville to Sumatra in Indonesia in the year 2040. Our speakers will discuss all the technologies, energy sources, regulation, and finance that is needed to make this flight a reality using regional and long-haul aircraft as well as air taxis.

Luc Tytgat, Acting Executive Director, EASA

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13:15 – 13:30 **Welcome**

María José Rallo, Secretary General, Spanish Ministry of Transport & Mobility

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13:30 – 13:50 **Keynote: Safe zero emissions air travel: From vision to reality**

Jérémy Caussade, President, Aura-Aero

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13:50 – 14:10 **Flash Talk: Safety in Innovation – Innovation in Safety**

European citizens expect that the level of safety in aviation is maintained. But Innovation can also help to further increase the level of safety.

Alain Leroy, EASA Chief Engineer

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14:10 – 15:30 **PANEL 1: Innovative sustainable aircraft design: What is next?**

Aviation technology is moving rapidly towards delivering a truly sustainable form of transport. The panel will discuss which innovations in aircraft technologies are needed to make a safe and sustainable trip from Seville to Sumatra possible. We will consider one regional flight to Madrid and one long distance flight to Sumatra. The panel will discuss the key propulsion technologies as



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well as enabling technologies such as Artificial Intelligence and key safety challenges. The panellists will highlight innovative approaches by industry, research as well as the EU public-private partnership Clean Aviation.

Moderator: Rachel Daeschler, EASA Certification Director

François Duclos, Executive Expert Airworthiness and Certification, Airbus

Adam Newman, Chief Engineer Hydrogen Technology Demonstrator Programme, Rolls-Royce

Arnaud Lebrun, Chief Engineer, SAFRAN

Sébastien Dubois, Head of Unit – Programme Development and Communications, Clean Aviation Joint Undertaking

Sebastian Seemann, CTO, Væridion

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15:30 – 16:00 **NETWORKING COFFEE BREAK**

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16:00 – 16:20 **Flash Talk: How Artificial Intelligence will impact air travel**

Guillaume Soudain, EASA Artificial Intelligence Programme Manager

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16:20 – 17:45 **PANEL 2: Innovating regulations: What's needed?**

As we have seen in Panel 1, aircraft technology is rapidly moving toward safe, sustainable mobility. This panel will discuss how regulation can accompany innovation, rather than creating roadblocks for the swift (and safe & sustainable) roll-out of new technologies. While the Regulation already allows a degree of flexibility for certifying 'innovative' aircraft design to embrace technology innovation, the Regulations in other domains like operations and flight crew licencing appear to be more challenging. This panel will discuss how (safety) regulation will have to evolve to match the speed of technology innovation. What role will existing flexibility provisions and regulatory sandboxes play? New technologies like hydrogen, artificial intelligence also pose operational and safety challenges that will be identified, and solutions proposed. The questions will be discussed from EU, Member States, Industry and NGO perspective.

Moderator: Jesper Rasmussen, EASA Flight Standards Director

Joachim Lücking, Head of Unit Aviation Safety, DG MOVE

Jan Petter Steinland, Director Strategic Analysis and Transformation, CAA Norway

Mark Watson, Technical Programme Manager, EUROCAE

Alain Siebert, Chief Technology & Strategy, SESAR

Arnold Hoessler, Senior Director Quality & Standards, Deutsche Lufthansa AG

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17:45 – 18:00 **CLOSING REMARKS DAY 1**

Montserrat Mestres Domenech, Executive Director, AESA

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19:00 – 22:00 **“Get-together”**

hosted by the Spanish State Aviation Safety Agency (AESA) at the historical venue “[Villa Luisa](https://www.villaluisa.com/en)” <https://www.villaluisa.com/en>, an iconic witness to the exceptional architectural heritage of Seville. Drinks and a cocktail dinner will be provided and dress code is business casual. Buses will be ready to depart at 19:00 from the Hotel NH Collection Sevilla to the venue and available for transfers back between 22:00-23:00h.



**DAY 2, September 28, 2023**

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**09:00 – 09:30 CHECK-IN AND COFFEE**

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**09:30 – 09:50 Flash Talk: Disruptive technologies for a new mode of transport**

Oliver Reinhardt, Chief Risk and Certification Officer, Volocopter

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**09:50 – 11:05 PANEL 3: Innovating for sustainable fuel and energy: How to accelerate safely?**

This panel discussion will explore the critical issue of innovation for green energy to enable the sustainable trip from Spain to Indonesia. Featuring experts from leading energy suppliers, NGOs, and researchers, the discussion will address topics such as the development of renewable energy sources for aviation, the challenges and opportunities of implementing sustainable aviation fuels, and the role of research and development in promoting green aviation technologies. With a diverse range of perspectives and expertise, this panel will provide insights into the critical safety considerations on innovative green energy.

Moderator: Piotr Samson, Director General of Civil Aviation for Poland and Chair of the EASA Management Board

Ana Salazar, Sustainability Director of Aena  
Carlos Díaz García, Senior Manager for Renewable Fuels Projects, REPSOL  
Joonas Laukia, Environmental Expert, EASA  
Pablo Perez-Illana, Deputy Head of Unit, CINEA  
Carlos López de la Osa, Sustainable Aviation Manager, Transport & Environment

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**11:05 – 11:35 NETWORKING COFFEE BREAK**

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**11:35 – 12:45 PANEL 4: Innovative Air Mobility: How to make a new mode of transport safe and sustainable**

The emergence of innovative air mobility presents a significant opportunity to add a new mode of transport to European and global transport systems, which will make our trip from Seville to the Indonesian island a seamless passenger experience. This panel will explore the benefits and challenges of integrating air mobility into the transport system to provide value for citizens and ensure sustainable and low-noise growth. The panel will start by discussing the emerging new modes of air transport based on innovation as regards electric vertical take-off and landing (eVTOL) vehicles and drones. The discussion will then focus on the benefits of integrating air mobility into the transport system, such as reducing congestion and improving connectivity. The panel will also address the challenges of integrating air mobility, including regulatory barriers, societal acceptance, and infrastructure requirements. Overall, this panel will provide a valuable forum for discussing the emerging new modes of air transport and the challenges and opportunities of integrating them into the transport system in a sustainable and socially responsible manner.

Moderator: Kai Bauer, Principal Advisor Sustainable Mobility, EASA

Jason McClain, Senior Director, Venture and Innovation Strategy, Boeing  
Saskia Horsch, Head of Global Regulatory & Public Affairs, Lilium

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Antidio Viguria Jiménez, CTO Avionics & Systems, CATEC  
Daniel García-Monteavaro Vizcaíno, Head of Drone Business Development Department, ENAIRE  
Balkiz Sarihan, CEO and Head of Urban Air Mobility at Airbus

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12:45 – 13:00 **CLOSING REMARKS DAY 2**  
Luc Tytgat, Acting Executive Director, EASA

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13:00 – 14:00 **NETWORKING LUNCH & COFFEE**

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14:00 – 18:00 **STUDY VISIT (optional, maximum 130 participants possible):**  
Transfer by bus for a study visit coordinated by CATEC (<https://www.catec.aero/en>) that will include presentations on drones and eVTOLs as well as live demonstrations. This will be followed by an opportunity for networking and discussions with the demonstration teams and transfer back to Seville's airport, train station and conference venue.  
The event will include:

- Demonstration of logistics autonomous drone with precise landing capabilities.
- Presentation of the experience in flight testing campaigns for eVTOLs at ATLAS Flight Test Centre (<https://atlascenter.aero/en/>)
- Demonstration of safe integration of highly autonomous drones in the airspace using U-space service

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