ALBATROS FINAL DISSEMINATION EVENT

08 SEPTEMBER 2026

SHARING KNOWLEDGE, SHAPING SAFETY

SAVE THE DATE

Project & Event Overview

After nearly four years of development, this final dissemination event marks a major milestone for the ALBATROS project (funded under Horizon Europe). The event will showcase the practical outcomes from our demonstrations and validation activities. The core focus is centered on the safety of sustainable aviation: addressing liquid hydrogen-related risks, drone-assisted airport emergency response, atmospheric hazards, space weather, cosmic rays, and cockpit flight-deck human-machine interface (HMI) innovations.

WHY ATTEND?

- **Final Project Results:** Explore the culmination of four years of safety research, advanced validation, and field tests.
- **Live Demonstrations**: Witness video and technical analyses of drone-assisted airport emergency response and liquid hydrogen fuel leak handling.
- **Networking Opportunities**: Connect with EASA, leading European aviation research institutes (NLR, DLR, ONERA, CIRA), aerospace industry leaders, and international airlines.
- **Link to Future Standardisation**: See how project research findings are feeding directly into future EUROCAE guidelines and European regulatory frameworks.

MEETING DETAILS

Date: Tuesday, 8 September 2026
Time: 09:30 AM – 12:30 PM CEST
Format: Hybrid Meeting
Location: In-person at NLR facilities and online via Webex
Webex Link: *The Webex link will be provided upon registration.*

REGISTRATION MANDATORY

Registration is mandatory for all participants. Please register using the official online form listed below.

Physical Attendees Notice: Due to strict security protocols at the Royal Netherlands Aerospace Centre (NLR) facilities, physical registration closes **one week prior** to the event. Valid passport identification and birth date are mandatory for access clearance.

REGISTRATION REQUIRED

Register here: https://www.nlr.org/registration-form-albatros-event/

EVENT PROGRAMME / AGENDA

Time	Topic	Organisation
09:30 - 09:35	**Welcome & Housekeeping** Welcome and event logistics	DBL
09:35 - 09:45	**Keynote & ALBATROS Vision** Strategic opening and project vision	NLR
BLOCK 1: THE IMPACT OF HYDROGEN IN AVIATION ON AIRPORT EMERGENCY RESPONSE		
09:45 - 10:15	**From LH2 Leak to Airport Exercises & Drone Action** In-flight liquid hydrogen leak simulations to drone-assisted airfield operations	RTHA / NLR / AIA / PVS/ AEGEAN
10:15 - 10:25	**Firefighting Response** Hydrogen fire suppression tactics and response strategies	ENSOSP
10:25 - 10:30	**Training & Regulations** Training standards and regulatory compliance frameworks	JAA TO
10:30 - 10:45	**Expert Panel Q&A** Interactive discussion and audience questions	Panel
10:45 - 11:15	**Interactive Tech Expo & Coffee Break** Hands-on exhibition and coffee networking	All / DBL
BLOCK 2: IN-FLIGHT THREATS, ATMOSPHERIC HAZARDS AND COCKPIT INNOVATIONS		
11:15 - 11:20	**Intro to In-flight Threats** Overview of atmospheric and operational aviation risks	NLR
11:20 - 11:30	**Space Weather and Cosmic Rays** Solar radiation impacts on aviation avionics and flight crews	FMI / OULU
11:30 - 11:40	**Sensors & Physical Threats** Advanced sensing technologies for atmospheric and physics-based threats	ONERA
11:40 - 11:50	**Pilot Perspective (HMI Display)** Cockpit UI and next-gen human-machine interfaces	DLR
BLOCK 3: CLOSING SESSION AND FUTURE OUTLOOK		
11:50 - 12:15	**Joint Discussion & Q&A;** Consolidated panel with physical and virtual attendees	Panel
12:15 - 12:25	**Handover to Standardisation** Transfer of project results and findings to regulatory/standardisation bodies	NLR
12:25 - 12:30	**Wrap-up & Next Steps** Consortium final summary and future plans	NLR / DBL

THE CONSORTIUM PARTNERS

NLR, DLR, ONERA, CIRA, RABV, SNBV, AIA, ANA, Airbus (Operations SL, GmbH, Protect), Pipistrel, Deep Blue, Ferronats, JAA TO, FMI, University of Oulu, ENSOSP, Somni Corp, Aegean Airlines, EASA, FHNW.

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