Final Dissemination Event

Opening & ALBATROS Vision

from project results to future standardisation

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Why ALBATROS?

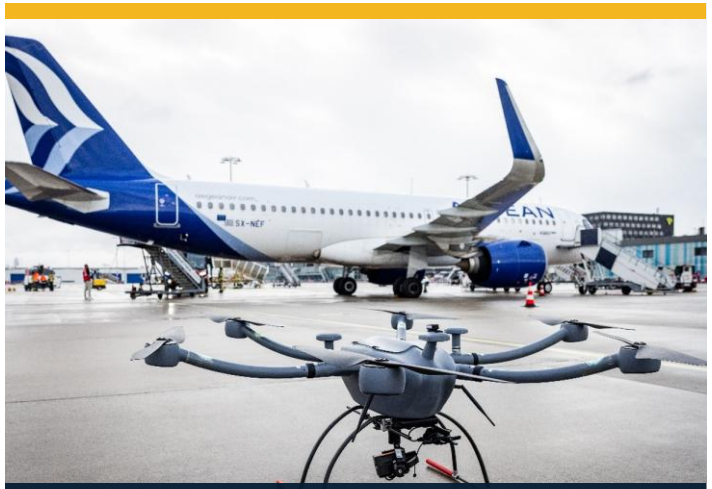
Improve resilience to emerging and future hazards and increase survivability

Emerging & future hazards

Extreme weather • space weather • climate change impacts • cybersecurity

New fuels & energy systems

Hydrogen-fuelled and hybrid-electric aircraft introduce new operational and safety risks.

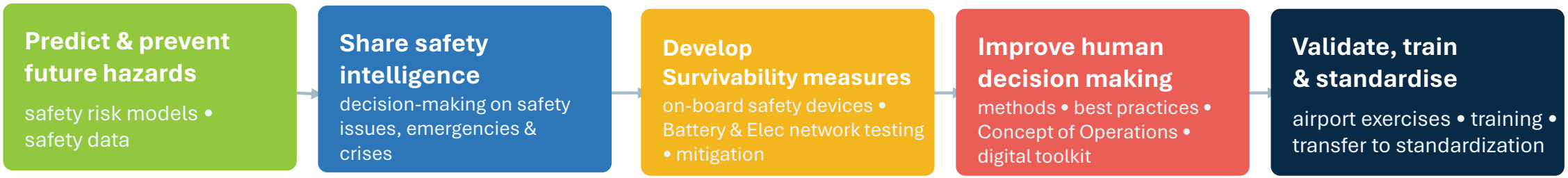


New aircraft entrants

Drones and Urban Air Mobility vehicles require new approaches to safety risk assessment.

From safety intelligence to validation

project objectives connecting safety intelligence, risk modelling, survivability, decision support, validation, training and exploitation.



Understand the Hazard

Get the right information to the right actors

Provide technical means to reduce consequences

Help people act on that information

Validate and embed the results.

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BLOCK 1 PREVIEW

Hydrogen in Aviation & Airport Response

The impact of hydrogen in aviation on airport emergency response.

- Airport exercises & drone action
- Firefighting response
- Training & regulations
- Expert Panel Q&A

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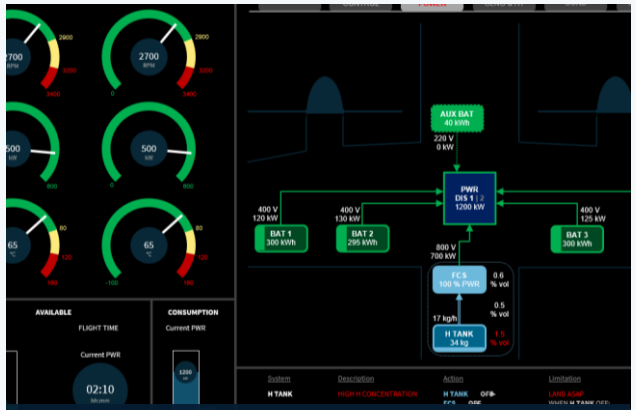
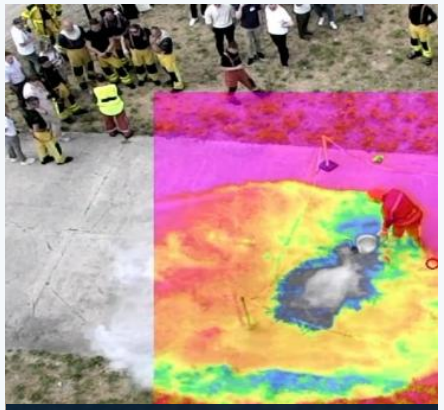
Interactive Tech Expo

Hands-on exhibition and coffee networking

Drone-assisted emergency response



Cockpit flight-deck HMI innovations



Sensors & physical threats

Digital toolkit / decision support

A practical view of key technologies and systems, their capabilities and limitations, and tools developed to support decision making.

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ALBATROS

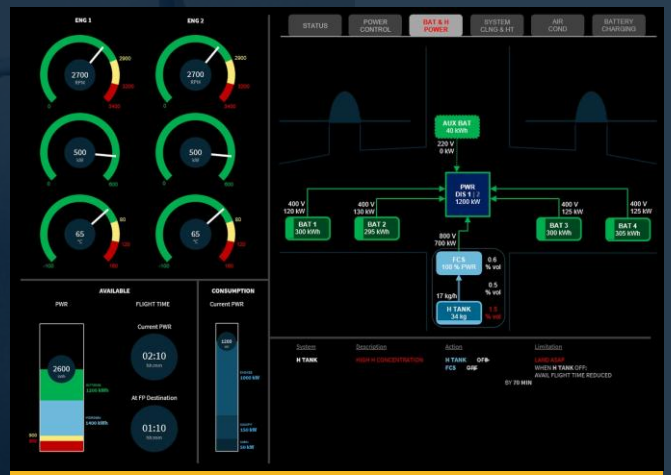
BLOCK 2 PREVIEW

In-flight Threats, Atmospheric Hazards & Cockpit Innovations

Prediction, prevention and decision support for emerging and future aviation hazards

Space weather & cosmic rays

Sensors & physical threats



Pilot perspective (HMI display)

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Closing session and future outlook

From project results to regulatory and standardisation uptake

1

Joint Discussion & Q&A

Consolidated panel with physical and virtual attendees to connect the two technical blocks.

2

Handover to Standardisation

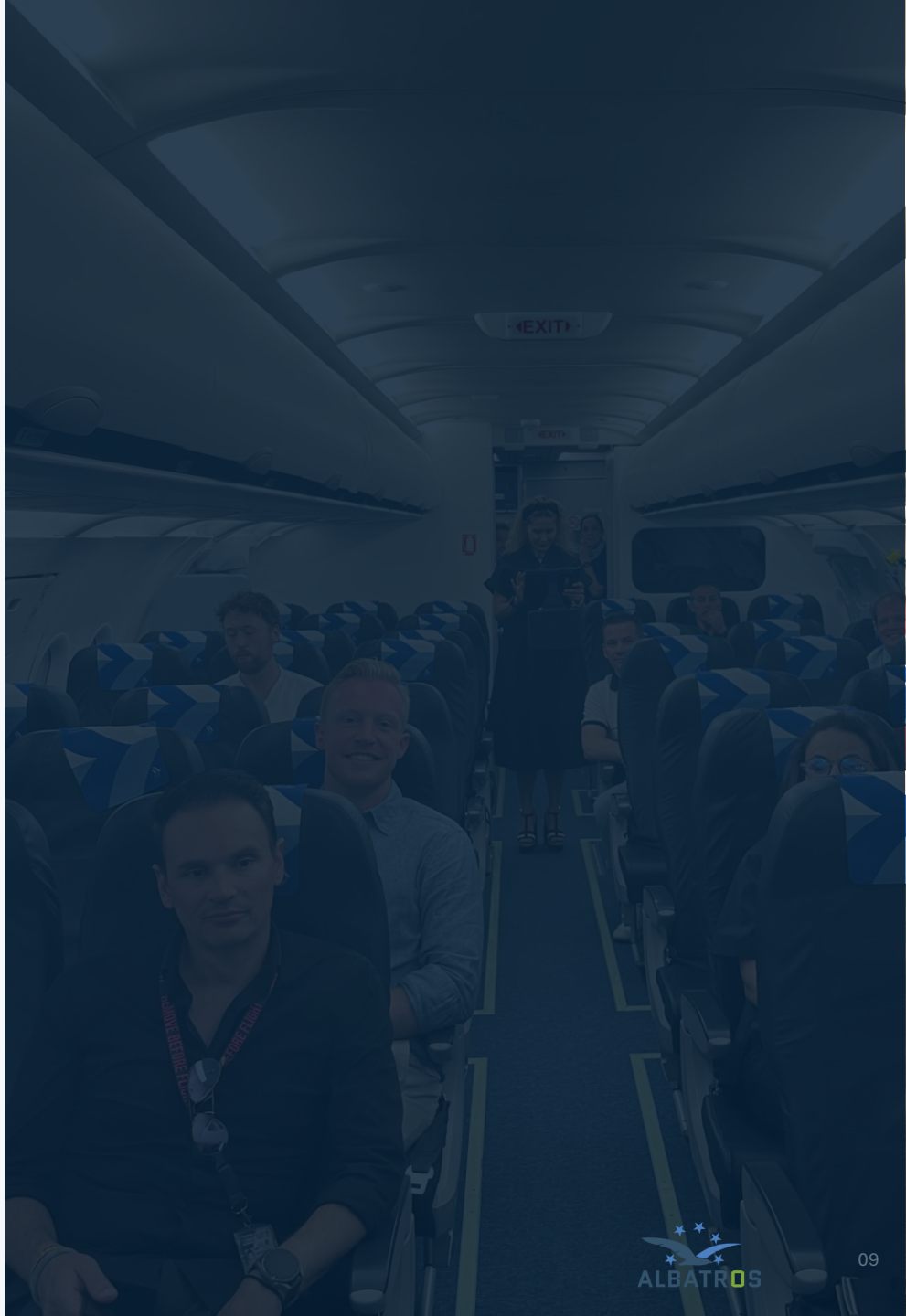
Transfer of project results and findings to regulatory and standardisation bodies.

3

Wrap-up & Next Steps

Consortium final summary and future plans beyond the project.

“Disseminate, communicate and exploit project key results and outcomes.”



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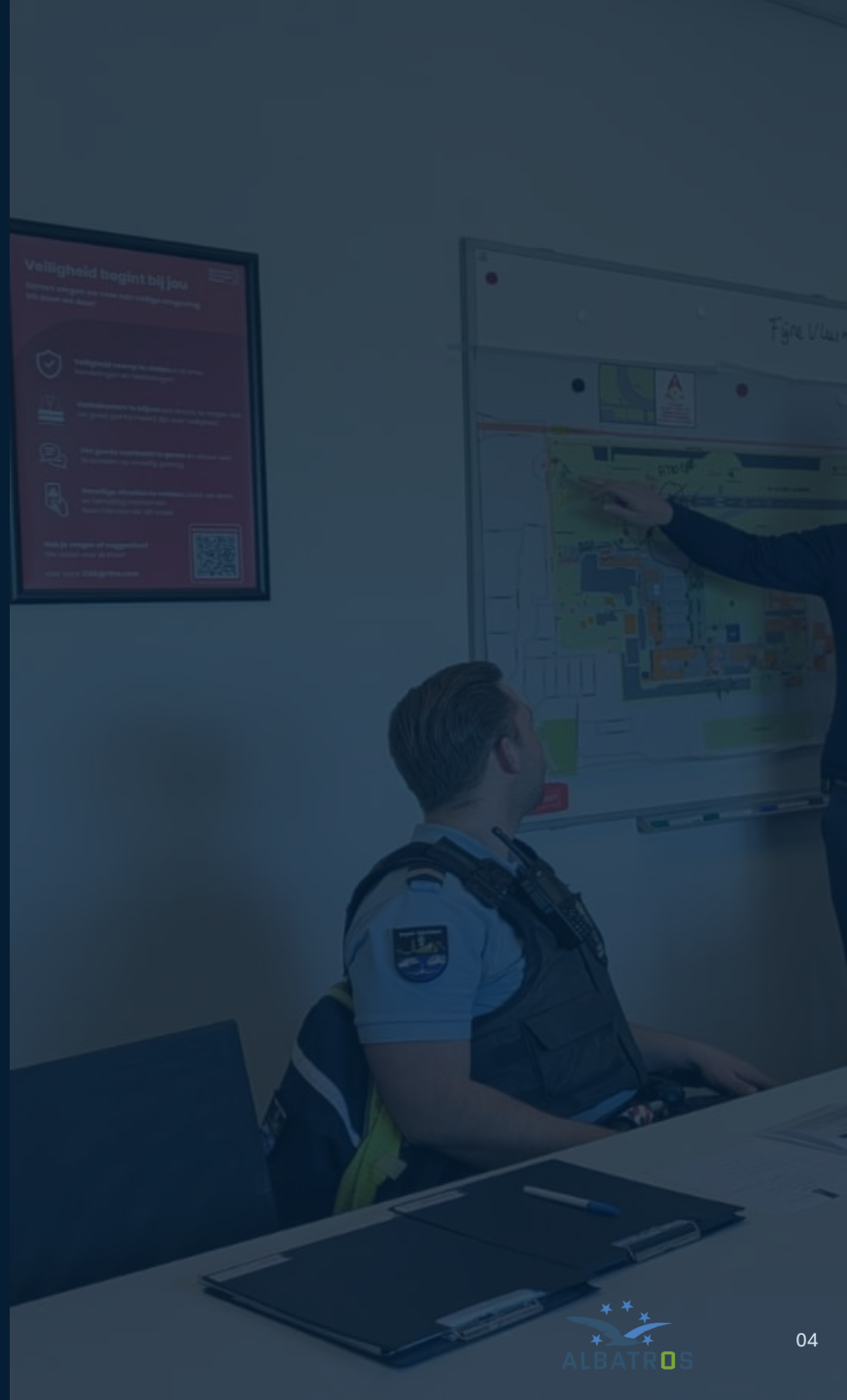
This morning’s public showcase

09:30	**Housekeeping, opening and vision**	DBL / NLR
09:40	**Reflections**	CINEA
09:45	**The Impact of Hydrogen**	LH2 leak • airport exercises • drone action • firefighting • training
10:45	**Interactive Tech Expo & Coffee Break**	hands-on exhibition • coffee networking
11:15	**Threats, Hazards & Innovations**	space weather • cosmic rays • sensors • HMI display
11:50	**Future outlook & standardisation**	joint Q&A • standardisation handover • next steps



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Sharing knowledge, shaping safety

Thank you to CINEA, the European Commission, all consortium partners, demonstration sites and stakeholders.

Handover to CINEA reflection and the demonstration blocks

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