

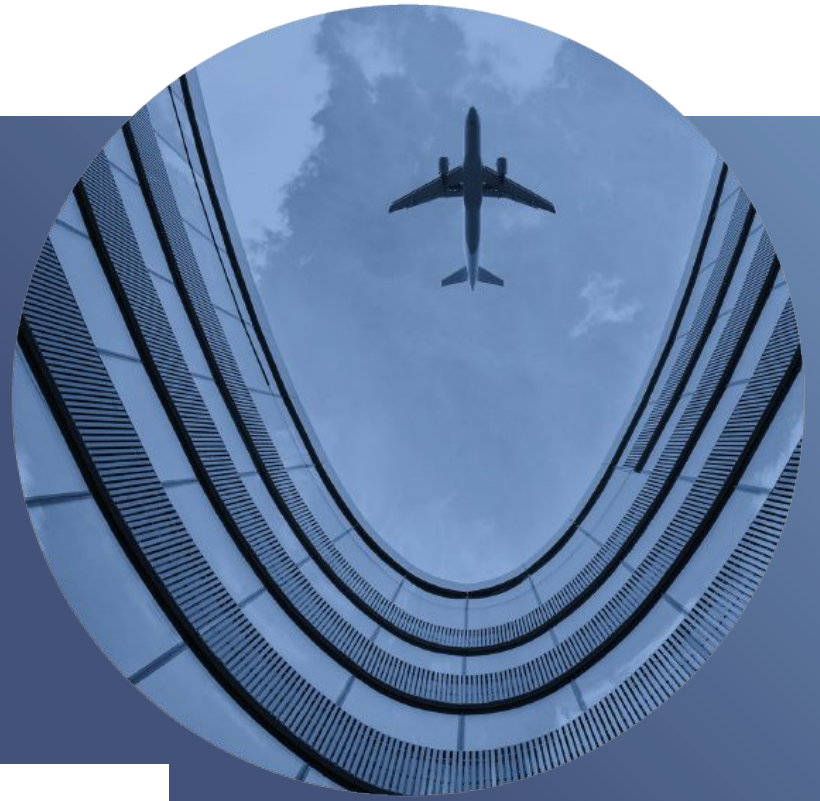


Final Dissemination Event
27-28 September 2021
Remote event

Is European Aviation Safety and Security Research on the right track?



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant Agreement n°769606.



Is European Aviation safety and security research on the right track?

OPTICS2 assesses the progress of European Aviation Safety and Security Research and Innovation (R&I) towards the goals of Flightpath 2050. OPTICS2 provides recommendations to help steer EU Aviation Safety and Security R&I in case certain research needs are not being met, or need 'course corrections', for example in case of the arrival of new disruptive technologies, or global events such as COVID-19.

OPTICS2 reviews the state-of-the-art in European Aviation Safety and Security R&I annually, via a core team of experts from across the entire aviation spectrum assessing literally hundreds of European and nationally funded projects, including major programmes such as Horizon 2020, CleanSky and SESAR. OPTICS2 reports to both the European Commission and ACARE, summarising the status of each safety and security 'Action Area', identifying the main performers, gaps and obstacles in the research landscape, along with strategic recommendations and priorities.

Agenda (summary)

DAY 1

14:00-14:15: Intro and opening (EC)

14:15-15:20: Overview of OPTICS2 for Safety Action Areas

15:20-16:20: Key safety projects

16:20-16:30: break

16:30-17:00: Panel/Q&A

17:00-17:15: Closing comments on Day 1

DAY 2

14:00-14:10: Intro to Day 2

14:10-15:10: Overview of OPTICS2 for Security Action Areas

15:10-16:10: Key security projects

16:10-16:25: break

16:25-16:40: Key security projects

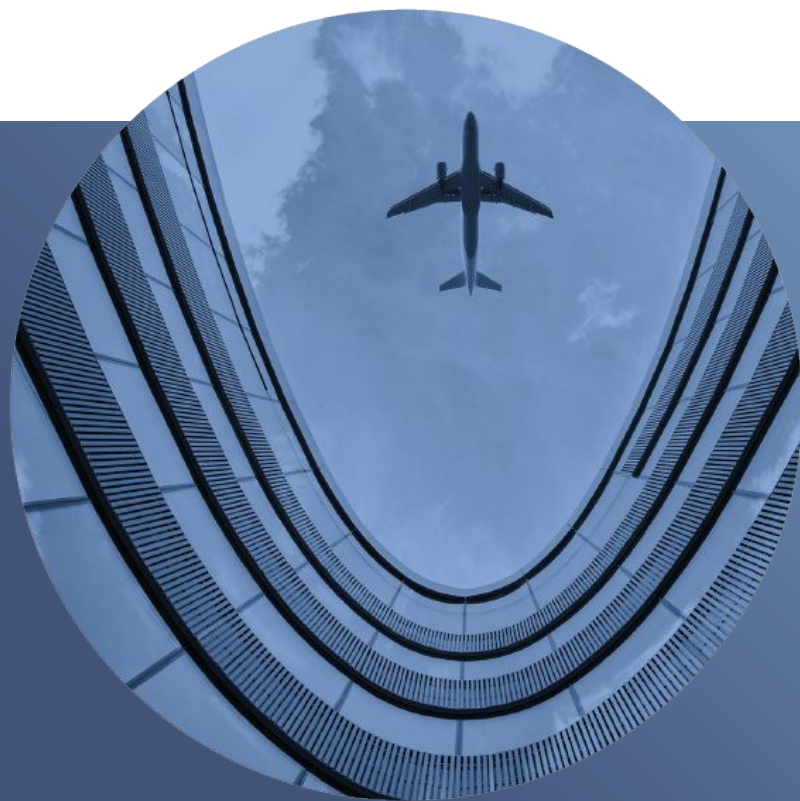
16:40-17:10: Panel/Q&A

17:10-17:30: Closing comments by EC/OPTICS2

Key features:

- Two days focused on aviation safety and security respectively
- Introduction and closing remarks from the European Commission
- Presentations from the OPTICS2 partners describing the results of the State-of-the-Art assessment for the ten Action Areas
- Presentations from the coordinators of the five most relevant projects for safety and security respectively
- Safety Action Areas to be discussed: (1) Driving the ATS performance, (2) Human & organizational factors, (3) Harnessing safety intelligence, (4) Safe operations, (5) Safe design, manufacturing & certification.
- Security Action Areas to be discussed: (6) Collaboration for security, (7) Engage staff & society for security, (8) Build and exploit security intelligence, (9) Ensure operational security, (10) Secure design, manufacturing & certification.

Is European Aviation safety and security research on the right track?



Agenda DAY 1

14:00-14:15: Intro and opening (**Vladimir Cid-Bourie**)

14:15-14:20: Introduction on OPTICS2 Safety Action Areas (**Mariken Everdij**)

14:20-14:30: Overview of OPTICS2 for Safety Action Area 1 - Driving safe ATS performance (**Pierre Bieber**)

14:30-14:40: Overview of OPTICS2 for Safety Action Area 2 - Human and organisational factors (**Daniele Ruscio**)

14:40-14:50: Overview of OPTICS2 for Safety Action Area 3 - Harnessing safety intelligence (**Pablo Hernandez**)

14:50-15:00: Overview of OPTICS2 for Safety Action Area 4 - Safe operations (**Angela Vozella**)

15:00-15:10: Overview of OPTICS2 for Safety Action Area 5 - Safe design, manufacturing and certification (**Mariken Everdij**)

15:10-15:20: International benchmarking Safety (**Alexander Lau**)

15:20-15:35: Key safety project 1 (Safeclouds) (**Paula Lopez**)

15:35-15:50: Key safety project 2 (SAFEMODE) (**Simone Pozzi**)

15:50-16:05: Key safety project 3 (D(emo)-CRAT) (**Sybert Stroeve**)

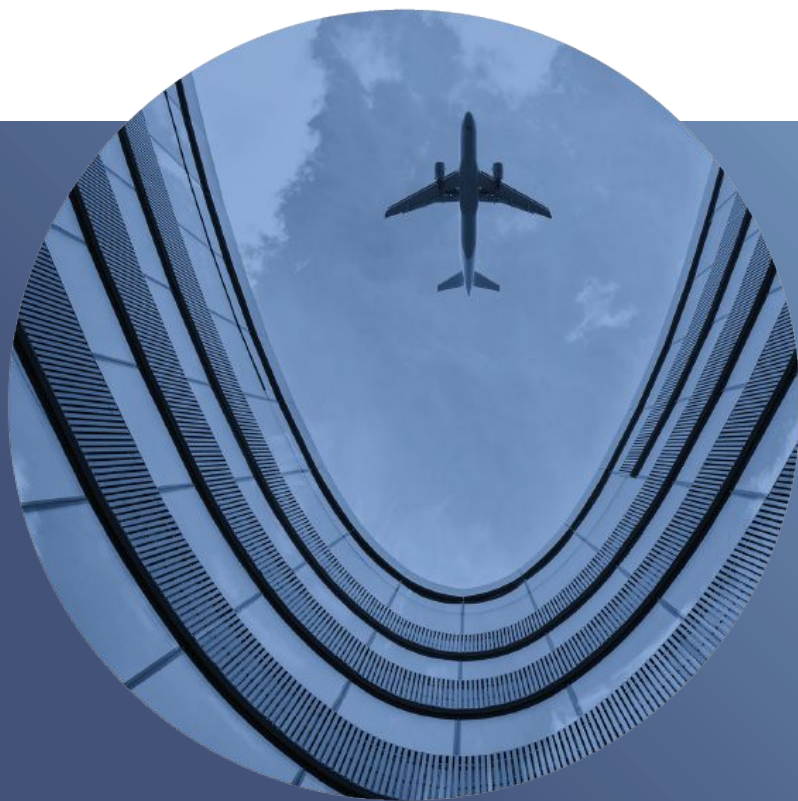
15:05-16:20: Key safety project 4 (AW-DRONES) (**Marco Ducci**)

16:20-16:30: break

16:30-17:00: Panel + Q/A (**Barry Kirwan** -chair, Mariken Everdij, Pablo Hernandez, Angela Vozella, Sybert Stroeve, Vladimir Cid-Bourie)

17:00-17:15: Closing comments on Day 1 (**Mariken Everdij**)

Is European Aviation safety and security research on the right track?



Agenda DAY 2

14:00-14:10: Intro and opening (**Clive Goodchild**)

14:10-14:20: Overview of OPTICS2 for Security Action Area 6 - Collaborate for security (**Clive Goodchild**)

14:20-14:30: Overview of OPTICS2 for Security Action Area 7 - Engage aviation personnel and society for security (**Pablo Hernandez**)

14:30-14:40: Overview of OPTICS2 for Security Action Area 8 - Build and exploit security intelligence (**Angela Vozella**)

14:40-14:50: Overview of OPTICS2 for Security Action Area 9 - Ensure operational security (**Tim Stelkens-Kobsch**)

14:50-15:00: Overview of OPTICS2 for Security Action Area 10 - Design, manufacture, and certify for security (**Pierre Bieber**)

15:00-15:10: International benchmarking Security (**Fabio Massacci/Silvia Vidor**)

15:10-15:25: Key security project 1 (SINAPSE) (**Kanaan Abdo**)

15:25-15:40: Key security project 2 (CONCORDIA) (**Cora Lisa Perner**)

15:40-15:55: Key security project 3 (SATIE) (**Tim Stelkens-Kobsch**)

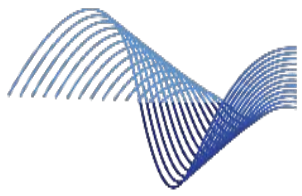
15:55-16:10: Key security project 4 (ECHO) (**Matteo Merialdo**)

16:10-16:25: Key security project 5 (ASPRID) (**Domenico Pascarella**)

16:25-16:40: break

16:40-17:10: Panel + Q/A (**John Hird** – chair, Domenico Pascarella, Cora Lisa Perner, Clive Goodchild, Tim Stelkens-Kobsch, Angela Vozella)

17:10-17:30: Closing comments on Day 2 (**Clive Goodchild**)



optics²

Observation Platform for
Technological and Institutional
Consolidation of research in
Safety & Security



Consortium



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant Agreement n°769606.