

Cologne, 20-21 February 2024

The objective of this event is to present the status and early results of the research project 'CAQIII' launched by EASA under the EU Horizon 2020 programme, with a focus on cabin air contamination (CAC) events following engine oil leakage.

The event aims at gathering representatives from the scientific community and Aviation Stakeholders such as: Aircraft manufacturers – Engine Manufacturers – Airline worker associations – Research institutions – Airline associations – Aeromedical associations – Regulatory authorities – Industry association – Occupational health agencies.

AGENDA

DAY 1 – Start 13:00

		Moderation: Flemming Cassee, RIVM		Presenters
13:00 – 13:10	0. Introduction overall and need for data		10 min	E. Isambert, EASA
13:10 – 13:30	1. Introduction into the concept of the project		20 min	S. Schuchardt, Fraunhofer Institute
13:30 – 14:15	2. WP2 CAC event simulation: BACS setup & first results		30+15 min	F. Mayer, S. Schuchardt, Fraunhofer Institute
14:15 - 14:30	Break		15 min	
14:30 – 14:40	Short introduction to toxicology in animal testing		10 min	F. Cassee, RIVM
14:40 – 15:40	3. WP3 Toxicity tests: Animal study results		45+15 min	A. Zimprich S. Hölter-Koch, Helmholtz Lab Munich

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		Moderation: Flemming Cassee, RIVM		Presenters
15:40 – 16:50	Update from US Projects: - Aeroparts: VOC / ozone converter tests - Kansas State University (KSU): on-wing tests		60 min+10min	R. Fox, Aeroparts B. Jones, Kansas University
16:50 – 17:10	Wrap up			
17:10 – 19:00	Networking			

DAY 2 – Start 09:00

		Moderation: Flemming Cassee, RIVM		Presenters
09:00 – 09:10	Welcoming and Sum Up of Feb 20th		10 min	F. Cassee, RIVM
09:10 – 09:55	4. WP4 Aircraft ECS parts analysis, ground tests: Field filter study		30+15 min	S. Schuchardt, Fraunhofer Institute
09:55 – 10:10	Outlook to aircraft ground test		15 min	A. Bezold, Airbus F. Spek, ADSE
10:10 - 10:25	Break		15 min	
10:25– 10:55	5. WP1 Toxicological study: Concept and interim results		20+10 min	K. S. Hougaard, N. Hadrup NFA,
10:55 – 11:15	Cabin fume events: definition, sources, procedures, identified scenarios		20 min	Emmanuel Cayrol, EASA
11:15 – 11:45	6. Summary, Conclusion, Outlook; Discussion		15+15 min	F. Cassee, S. Schuchardt
12:00	End of the event			