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FUTURE SKY SAFETY ON FINAL APPROACH

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November

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@EUROCONTROL HEADQUARTERS | BRUSSELS



FUTURE SKY SAFETY ON FINAL APPROACH – DAY 1

10:00	WELCOME	EUROCONTROL
10:10	Introductory remarks	INEA Daniele Violato
10:30	Future Sky	EREA FUTURE Sky Board Laurent Leylekian (ONERA)
10:50	Future Sky Safety Programme	NLR Michel Piers
	P3: Solutions for runway excursions	
11:10	A pilot's view on the runway excursion problem	KLM [retired], Safe-Runway GmbH Capt. Rob van Eekeren
11:40	Overview of the project and technical results	NLR Peter van der Geest
12:00	COFFEE BREAK	
12:20	Using the results of P3 in reducing the runway excursion risk	NLR Peter van der Geest
12:40	Questions & answers	Chair: NLR
13:00	LUNCH	
	P4: Total system risk assessment	
14:10	Data4Safety: A partnership for a [big] data driven aviation safety analysis in Europe	EASA Erick Ferrandez EASA Leopold Virolez
14:40	Overview of the project and technical results	NLR Wilfred Rouwhorst
15:00	Backbone Models supporting a Total Safety Assessment inside the Air Transport System	ONERA Pierre Bieber
15:40	Questions & answers	Chair: NLR
16:00	Partnering event – Visit to the poster area	
16:45	END OF 1ST DAY	

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FUTURE SKY SAFETY ON FINAL APPROACH – DAY 2

09:00	WELCOME	NLR
	P5: Resolving the organisational accident	
09:10	Raising our game in organisational safety management	EUROCONTROL Barry Kirwan
09:30	The Luton Safety Stack, improving safety and efficiency	Luton Airport EasyJet Liam Bolger Dave Cross
10:00	Insights from a Safety Culture Survey of a global airline	KLM Jaap van den Berg
10:20	Ensuring the right safety view at the top – Executive-level Safety Dashboards	Deep Blue Carlo Valbonesi
10:35	Questions & answers	Chair: EUROCONTROL
10:45	COFFEE BREAK	
	P6: Human performance envelope	
11:00	Human Factors challenges on the flight-deck	FAA Kathy Abbott
11:30	Graceful degradation in ATM and the Human Performance Envelope	NASA Tamsyn Edwards
12:00	Overview of the project and technical results	DLR Matthias Wies
12:20	Development of new cockpit interfaces	Lufthansa Carsten Schmidt-Moll
12:40	Development of a Smart Vest for real-time measurements of physiological data	CSEM Josias Wacker
13:00	Questions & answers	Chair: DLR
13:10	LUNCH	
	P7: Mitigating risks of fire, smoke and fumes	
14:20	Overview of the project and technical results	ONERA Eric Deletombe
14:40	Cabin Air Quality	EMBRAER Ricardo Reis
15:00	Material solutions to mitigate fire, smoke and fumes in the cabin environment	VZLU DLR Frantisek Martaus Martin Liebisch
15:30	Questions & answers	Chair: ONERA
15:40	Wrap up	NLR Michel Piers
16:00	END OF 2nd DAY	

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Future Sky Safety is an EU-funded transport research programme in the field of European aviation safety, aiming at developing new tools and new approaches to aeronautics safety over a four-year period, starting in January 2015 and ending in June 2019.

FUTURE SKY SAFETY ON FINAL APPROACH

In the last four years, Future Sky Safety focused on researching four high-level topics: building **ultra-resilient vehicles** and improving the cabin safety; reducing **risk of accidents**; improving processes and technologies to achieve **near-total control over the safety risks**; and improving **safety performance** under unexpected circumstances.

Now, the Programme is ready to present and discuss the final results reached by all the projects within Future Sky Safety in this 2-day workshop.

TOPICS



REDUCE RUNWAY EXCURSION ACCIDENTS



PREVENT AND MITIGATE AVIATION RISKS



REDUCE ORGANISATIONAL ACCIDENTS



IMPROVE PILOT PERFORMANCE, REDUCE HUMAN ERRORS



MITIGATE RISKS OF FIRE, SMOKE AND FUMES IN MODERN CABINS

NETWORKING OPPORTUNITIES WITH MAIN PLAYERS OF THE SECTOR



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INFO: WWW.FUTURESKY-SAFETY.EU/2ND-FSS-PUBLIC-WORKSHOP

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