

GLOBAL TBO SYMPOSIUM

Towards global trajectory-based operations (TBO)

AGENDA

Tuesday 4 June

4 - 6 June 2024

EUROCONTROL HQ,
Brussels or online

12:00 - 13:45: REGISTRATION AND SANDWICH LUNCH

13:45 - 14:15: **Welcome remarks** by Raúl Medina, Director General, EUROCONTROL

Opening keynotes

- Filip Cornelis, Director Aviation, DG MOVE, European Commission
- Pascal Luciani, Deputy Director, Air Navigation Bureau, ICAO

14:15 - 15:45: **Session 1. Why TBO? What are the operational benefits?**

Presentations on operational benefits

- Giancarlo Buono, Director Safety and Flight Operations for Europe, IATA
- Razvan Bucuroiu, Head of Airspace and Capacity Division, EUROCONTROL
- Hugues de Beco, Head of ATM Programme, Airbus

Panel discussion moderated by David Batchelor, Chief External Affairs and Communications, SESAR Joint Undertaking

- Shoji Yoshida, Director General, Japan Air Navigation Service, JANS
- Simon Hocquard, Director General, CANSO
- Todd Citron, Chief Technology Officer, Boeing
- Mariagrazia La Piscopia, Executive Director, SESAR Deployment Manager
- Katrina Hall, Deputy Chief Operating Officer, NAS Programs and Support - Air Traffic Organisation, FAA

15:45 - 16:15: COFFEE BREAK & TOUR OF EXHIBITS

16:15 - 16:45: **Session 2. The Global TBO Concept: What are we aiming for?**

Presentation

- Crystal Kim, Technical Officer, Airspace Management and Optimization, ICAO
- Henk Hof, Head of ICAO and Concept, EUROCONTROL & Chairman of ICAO ATM RPP

Audience Q&A

16:45 - 18:00: **Session 3. Experience from TBO research and innovation**

Introduction

- Olivia Nunez, Head of Technology and Master Planning, SESAR Joint Undertaking
- Steve Bradford, Chief Scientist & Technical Advisor, Office of NextGen, FAA

Research activities

- SESAR JU TBO research, Peter Alty and Gérard Mavoian, SESAR TBO Project Leaders
- Multi regional TBO demo, Amornrat Jirattigalachote, Policy and Strategy Management Bureau, AeroThai

Audience Q&A moderated by Sven Halle, Regional Officer, Air Navigation Systems Implementation, ICAO

18:00 - 19:00: NETWORKING DRINK & TOUR OF EXHIBITS



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Wednesday 5 June

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09:00 - 09:05: WELCOME REMARKS by Mariagrazia La Piscopia, Executive Director, SESAR Deployment Manager

09:05 - 11:00: Session 4. TBO building blocks: Enabling technologies and trajectory sharing:

Presentations

- Véronique Travers Sutter, Head of iCNS Unit, EUROCONTROL
- Heiko Teper, Head of Strategy and Technical Execution, SESAR Deployment Manager
- Hugues de Beco, Head of ATM programme, Airbus
- Sherry Yang, TBO Lead, Boeing
- Jason Rossiter, Director TBO Architecture, NAV Canada
- Davide Tomassini, Iris Project Implementation Manager, European Space Agency
- Philippe Lievin, Air Traffic Management Services, BD Director, EuMEA, Collins Aerospace

Panel discussion moderated by Paul Bosman, Head of ATM Infrastructure Division, EUROCONTROL

11:00 - 11:30: COFFEE BREAK AND TOUR OF EXHIBITS

11:30 - 12:45: Session 5. Taking TBO global

Presentations

- Magnus Molbaek, SWIM Expert, SESAR Deployment Manager
- Lucas Curns, CSS-FD and SWIM S3 Project Lead, FAA
- Bryan Jolly, Innovation/SESAR senior ATM/ANS expert, EASA
- Michael Bryan, Managing Director, Closed Loop Aviation Consulting and former Qantas Captain

Panel discussion moderated by Crystal Kim, Technical Officer, Airspace Management and Optimization, ICAO

12:45 - 14:15: LUNCH BREAK & TOUR OF EXHIBITS

14:15 - 15:15: Session 6. Progress on TBO implementation

Presentations

- Augustin Gheorghe, Senior ATM Expert, EUROCONTROL
- Enis Aksu, Pilot, Lufthansa
- Peter Hendrickx, Head of the ATM Development Unit, EUROCONTROL Maastricht UAC

Panel discussion moderated by Razvan Bucuroiu, Head of Airspace and Capacity Division, EUROCONTROL

15:15 - 15:45: COFFEE BREAK & TOUR OF EXHIBITS

15:45 - 17:00: Session 7. Regional perspectives

Presentations

- Ivan Pendatchanski, Head of the Network Management Strategy Unit & José Simón Selva, ATM expert, EUROCONTROL
- Wei Sean Ho, Deputy Director, Civil Aviation Authority of Singapore
- Blake Cushnie, Programme Director, Service Delivery, NAV Canada

Panel discussion moderated by Coleen Hawrysko, Director, Air Traffic Organisation - International, FAA



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Thursday 6 June

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09:00 - 09:15: WELCOME REMARKS by *Iacopo Prissinotti, Director Network Management, EUROCONTROL*

09:15 - 10:00: Session 8. The benefits of TBO for the military

Presentations

- *Igor Kuren, Military ATM Expert, Civil-Military Coordination Division, EUROCONTROL*
- *Ed Wright, Executive Director, Headquarters Air Force Flight Standards Agency, USAF*

Panel discussion moderated by *Thierry Closset, Project Officer SESAR Collaborative Projects in the Single European Sky Unit, European Defence Agency*

10:00 - 10:15: Session 9. TBO roadmap and next steps (Part 1)

Presentation

- *Andreas Boschen, Executive Director, SESAR Joint Undertaking*

10:15 - 10:45: COFFEE BREAK AND TOUR OF EXHIBITS

10:45 - 11:45: Session 9. TBO roadmap and next steps (Part 2)

Panel discussion moderated by *Andreas Boschen, Executive Director, SESAR Joint Undertaking*

- *Pascal Luciani, Deputy Director, Air Navigation Bureau, ICAO*
- *Christine Berg, Deputy Director for Aviation, DG MOVE, European Commission*
- *Luc Tytgat, High Representative of the Executive Director, EASA*
- *Katrina Hall, Deputy Chief Operating Officer, NAS Programs and Support - Air Traffic Organisation, FAA*
- *Anna von Groote, Director General, EUROCAE*

11:45- 12:00: Closing remarks

- *Christine Berg, Deputy Director for Aviation, DG MOVE, European Commission*

12:00 - 14:00: NETWORKING LUNCH & TOUR OF EXHIBITS

