

Research Workshop

Single European Sky and Resilience in Air Traffic Management

15-16 September 2022 in Sofia/Bulgaria

Final Draft

Conference venue: Vivacom Art Hall Oborishte 5

First day, September 15th, 2022

Moderation: Mariya Kantareva, DGCAA Bulgaria

12:00-13:00 Registration, lunch and welcome

13:00-13:30 Opening statements

Georgi Peev – *BULATSA DG and DANUBE FAB ANSP Board Co-chair*
John Santurbano – *Chairman FABEC CEO Board and Director Eurocontrol MUAC*

13:30-14:30 Setting the scene: The resilient society

Prof Markus Brunnermeier – *Edwards S. Sanford Professor of Economics and Director of the Bendheim Center for Finance, Princeton University*

Coffee break

First step: Understanding aspects of resilience in air traffic management

Moderation: Mariya Kantareva, DGCAA Bulgaria

15:00-16:15 Operational resilience lessons – an ATCO's view

Alexander Zarbov, Juraj Jirku – *DANUBE FAB*

Cyber resilience in aviation

Radu Babiceanu – *Embry-Riddle Aeronautical University, Daytona Beach, Florida, United States*

Impact of COVID pandemic on air navigation service providers – European level and case study Bulgaria

Vitan Todorov – *BULATSA, Bulgaria*

Coffee break

16:45-18:00 Network-oriented planning of cross-border capacity provision to increase resilience and improve performance

Jan-Rasmus Künnen, WHU – *Otto Beisheim School of Management, Germany*

Achieving supply chain efficiency and resilience by using multi-level commons

Florian Lückner – *University of London, United Kingdom*

Conflicting business models: How structural differences threaten aviation resilience – and what potential solutions might exist on the ANSP and airline side

Nuno Simoes – *Nav Portugal*
Prof Karsten Benz – *University of Worms, Germany*

18:00-18:15 Wrap-up

Mariya Kantareva

Social Event - Grand Hotel Sofia – 20:00hrs



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Second day, September 16th, 2022

08:30-09:00 Welcome coffee

09:00-09:15 Starting the day

Mariya Kantareva

Second step: How to integrate resilience in European air traffic management?

Moderation: Mariya Kantareva, DGCAA Bulgaria

09:15-10:45 How to cope with demand fluctuations –
resilience as solution for volatile traffic?

Thomas Standfuß – *Technische Universität Dresden*

Single European Sky and resilience in ATM – can this be a
“win-win” for the aviation industry? – The IFATCA input

Frederic Deleau – *IFATCA*

Does current performance and charging regulation
really facilitate resilience of ATM industry?

Vilma Deltuvaite – *Innovation Agency Lithuania*

Coffee break

Third step: How to prepare ATM for current and upcoming risks?

Moderator: Prof Hartmut Fricke, Technische Universität Dresden

11:15- 12:30 Alessio Quaranta, President ECAC Coordinating Committee
Denis Bouvier, LCol (R), PRB Member
Nicola Brandt, Organisation for Economic Co-operation and Development (OECD)
N.N., FABEC Presidency, Federal Ministry for Digital and Transport, Germany

12:30-12:45 Closing remarks

Farewell lunch

