



Security, Public-Opinion and Regulatory Trade-offs in the Aviation Domain

SOCIO-ECONOMICS MEETS SECURITY

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Holistic Approach to Aviation Security

- ✓ Security requires a holistic approach including investigation of all the interfaces between aviation security components e.g. ATM security, CNS Security, Airspace Security and Airport Security.

- ✓ With the goal of covering the variety of threats and challenges to aviation:
 - for all phases of air transport;
 - on the ground and in the air;
 - considering all operational processes related to the Airport , the Aircraft and Air Traffic Management;
 - having passenger awareness of its part in the process;
 - global view: importance of international relations and the need for working with/through wider regional/international organisations such as ICAO/ECAC/EUROCONTROL as well as with industry stakeholders;

Aviation Security Domain Challenges

- ✓ Need to improve resilience of the whole air transport system;
- ✓ Need to assess public perception and acceptability to risk and security rules ;
- ✓ Need for a conceptual approach: to move from being 'reactive' to becoming 'anticipative';
- ✓ Need to better define current and future vulnerabilities.

Structure and Objectives

- ✓ This panel session aims to link the SECONOMICS research themes to the needs and perspectives of the European stakeholders in the Aviation domain.
- ✓ The session will consist of presentations from 4 different Invited Speakers followed by a Question - Answer Discussion session with all speakers as panelists.

Panel Structure

11.00 – 11.15	Darren Handley DG Move Aviation Security	How do Socio-economic issues affect Aviation Security Policies and the future of Aviation Security?
11.15 – 11.30	Antonio Nogueras Eurocontrol	Emergent challenges and opportunities in ATM Security focusing on increasing automation and cyber-security
11.30 – 11.45	Eli Mandelawy IATA	Security Training and Awareness Raising in the Aviation domain.
11.45 – 12.00	Marc Sel Pricewaterhouse and Cooper – Belgium	How Aviation Security can benefit from policies, standards and best practices in other domains.
12.00 – 12.30	All	Q&A – Plenary Discussion

Panel Questions/1

- ✓ Which are the current common security threats in the European Aviation Sector?
- ✓ Which are main open issues/challenges?
- ✓ Future and emerging security threats. Which ones may become a serious problem in the next future?
- ✓ To which extent the global crisis and the current economical constraints influence Security Management in the Aviation Sector?

Panel Questions/2

- ✓ How much societal needs, public opinion acceptance and passengers expectations influence the definition of the Security Regulatory Framework?
- ✓ Which tools are available / foreseen to manage Security and fight identified threats both at local and at European coordination level?
- ✓ How much the building of a proper Security Culture (training, awareness raising, reporting and “just” culture) can enhance the overall Aviation Security?