

### Opening plenary – driving technology developments and process innovation

- Past and Present – what have we learned from innovation in aviation security
- Understanding the needs and operational requirements of States and stakeholders in order for manufacturers/vendors to provide the most efficient, effective and sustainable solutions
- Promoting research and development – fostering the implementation of new technology
- Regional perspectives of innovation in security

### Achieving efficiency AND effectiveness

#### **Part 1: Detection systems and processes – the tools of tomorrow**

- How advances in detection technology and equipment can be compatible with airport infrastructure
- Benefits and challenges: integrators, sustainability, one-stop security, economic competitiveness, training and implementation

#### **Part 2: Security personnel and human factors**

- Towards more efficient human-machine and human-human interactions, improving working conditions of security personnel to achieve greater efficiency in screening processes
- An untapped opportunity: enhancing the engagement of security personnel in risk management

### Innovative passengers processing and airport infrastructure

#### **Part 1: Passengers - security of the future**

- Advances in passenger screening processes, including risk-based passenger screening programmes, trusted traveller programmes, passenger data analysis, passenger differentiation, behavioural analysis, biometric technology
- Passengers experience and satisfaction: towards a more active involvement of passengers in aviation security processes and screening including preparation, divesting, dialogue, feedback and communication

#### **Part 2: Airport – facilitating the flow**

- Challenges and opportunities in reshaping the airport security checkpoint, including physical constraints, access control systems, automation and optimization of space
- Screening checkpoints: although there's no silver bullet approach, queuing time and passengers throughput can be optimized through the application of innovative processes, checkpoint layout and tools

### Case studies on challenges in innovation – combatting threats posed by LAGs and PBIEDs

- From blanket restrictions on LAGs to implementation of Liquid Explosives Detection Systems (LEDS) – benefits, limitations and challenges
- The evolution of the PBIED threat and the means available to mitigate it
- How to ensure that innovation does not create new vulnerabilities and challenges

### Closing plenary - Innovative exchange solutions

- Sharing innovation concepts among States: promoting the exchange of information and best practices among stakeholders, with a view to facilitating international collaboration and the enhancement of security effectiveness and efficiency
- Promoting a coherent aviation security screening system which is composed of multiple integrated elements that can, together, effectively and efficiently address existing and evolving threats

TIME	Day 1	Day 2	Day 3
09:00			
09:45	09:45 <b>Opening Plenary</b>	09:00 <b>Innovative passengers processing &amp; airport infrastructure</b>	09:00 <b>Solutions-oriented exchange</b>
11:00	<i>Driving technology developments and process innovation</i>	----- <b>Part 1: Passengers security of the future</b>	
11:30		<b>Part 2: Airport Facilitating the flow</b>	
12:30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
14:00	<b>Achieving efficiency AND effectiveness</b>	<b>Case studies on challenges in innovation</b>	<b>Closing Plenary</b>
15:30	----- <b>Part 1: Detection systems and processes</b> <i>The tools of tomorrow</i>	<b>Combatting threats posed by LAGs and PBIEDs</b>	<i>Innovative exchange solutions</i>
16:00	<b>Part 2: Security personnel and human factors</b>		<b>16:00</b>
17:00	<b>17:00</b>	<b>17:00</b>	