



# Launching of AFI Plan Aerodromes Certification Project Workshop for ESAF Region

*(Nairobi, Kenya, 22 August 2016)*

## Aerodrome Certification Relationship with Air Navigation Services

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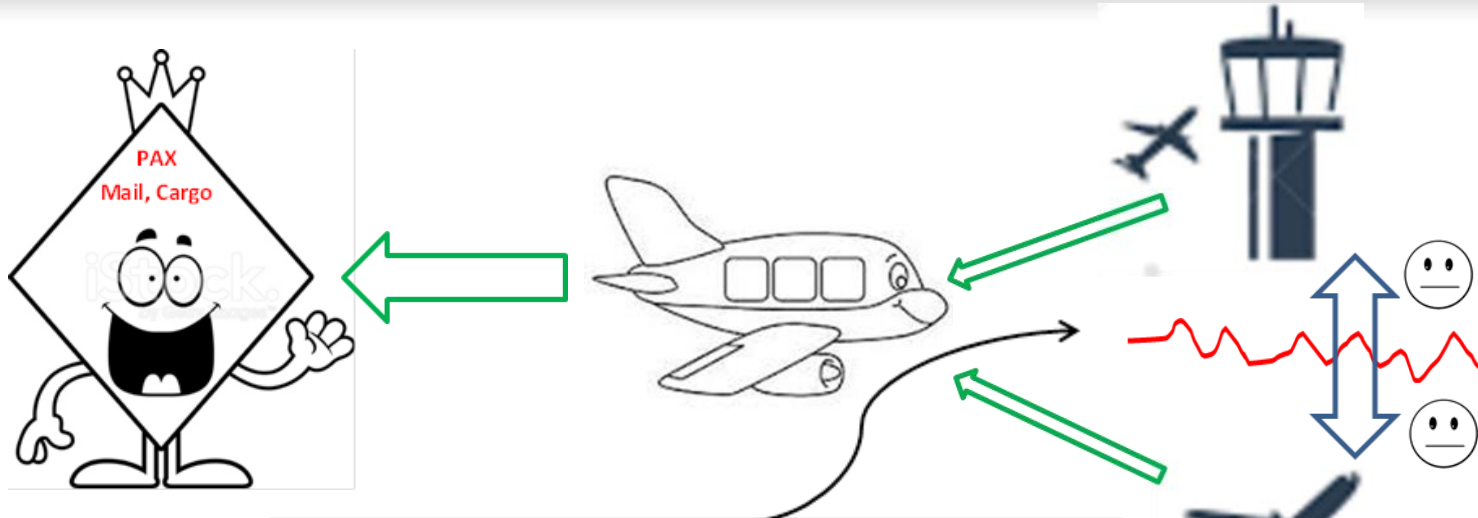
## Overview

- **Aerodrome-ATM Safety related issues**
- **ATM efficiency related issues**
- **Communications, Navigation and Surveillance issues**
- **MET Issues**





# The service value chain



- Division of responsibility – Not a straight line
- Coordinated activities
  - ✓ Legislation
  - ✓ Structures
  - ✓ Agreements
  - ✓ Processes and procedures
  - ✓ Monitoring
  - ✓ QA, SMS, etc.



# Aerodrome-Air Traffic Management Safety Related Issues

- ❑ Lines of responsibility between movement and manoeuvring areas, including taxiways.
- ❑ Control of movement of vehicles and personnel:
  - Airport maintenance programmes
  - Taxiways incursions
- ❑ Coordination of Aerodrome and ATS SMSs





# Aerodrome-Air Traffic Management Safety Related Issues

- Obstacle/Control management
  - ❖ Coordination in the implementation of the Annex 14 and Doc 8168 criteria
  - ❖ Relationships with stakeholders
  
- Low visibility operations
- Runway Safety Programme





# Aerodrome-Air Traffic Management Safety Related Issues

- ❑ Runway Safety Programme
  - Incursions (movement of aircraft on its own power or being towed, vehicles, personnel, wildlife, etc.)
  - Excursions: *timely availability of information on aerodrome conditions required for aircraft approach and landing configuration*
- ❑ Coordinated emergency plans and procedures
  - Preparedness, execution and coordination
- ❑ Events coordination (Hajj, etc.)





## Air Traffic Management Efficiency Related Issues

- ❑ Lines of responsibility between movement and manoeuvring areas, including taxiways
- ❑ Coordination in assignment of gates, available movement areas, etc.
- ❑ Coordination of runway and airport (terminal & apron) throughputs
- ❑ Airspace configuration and related operational aspects:
  - wildlife control in relation to areas where low level movements will normally occur, including circling.





# Communications, Navigation and Surveillance Issues

- ❑ Control of aerodrome structures (and others in the aerodrome vicinity) in relation to CNS equipment and installations:
  - ILS protected areas
  - VOR signal reflection
  - Nav aids/comms frequency interferences





## Meteorology Issues

- ❑ MET farm, including other equipment/installations within the vicinity of the aerodrome





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THANK YOU