

ASA, SA - ATM MASTER PLAN

African ANSPs Meeting

Lome, Togo March 28th – April 1st

Presented by Margaret da Graça - Head of ATS



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Introduction

ICAO Global Air Navigation Plan presents all States a planning tool supporting a harmonized global Air Navigation system. It identifies all potential performance improvements available today, details the next generation of ground and avionics technologies that will be deployed worldwide.

ASA is committed to the implementation of **Global** and **Regional Air Navigation Plan** and has decided to develop an individual master plan to organize the actions to be implemented now and in the coming years.

ATM Master Plan

Aggregate a logic of:

Concept of operations

Key priorities

Challenges

Strategic initiatives on the global and regional level

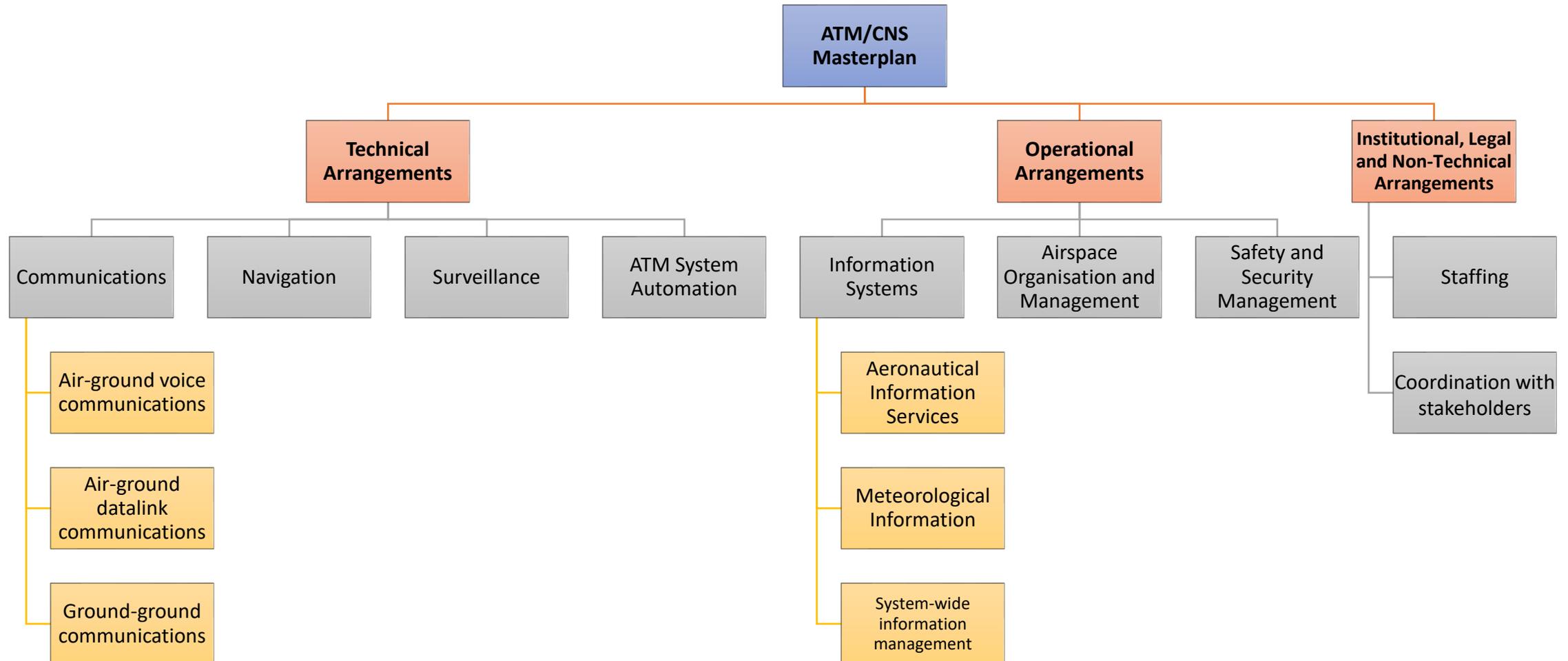
Needs

ATM Master Plan

ATM Master Plan was developed based on a prioritization of benefits in terms of key performance areas such as:

- Safety
 - Security
 - Environmental Impact
 - Cost effectiveness
 - Capacity
 - Flight efficiency
 - Flexibility
 - Interoperability
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ATM Master Plan



ATM Master Plan

- The actions in the Master Plan are divided into three-time frames :

Short term (2021-2025)

- Address immediate operational needs and Implemented in a relatively short time period
- Align with ASBU Block 0-1 concepts

Medium term (2026-2030)

- Initiatives that do not address immediate operational needs
- Implementation is less urgent or requires more preparation
- This timeframe is aligned with ASBU Block 2

Long term (2031-2035)

- Concepts which are more advanced and not yet mature
 - This timeframe is aligned with ASBU Block 3
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ASA Priorities

- Modernization of ATM system
 - Improve communication and surveillance capabilities:
 - ADS-B
 - SAT COM
 - Improve coordination with neighbour FIRs:
 - Implement AIDC with GOOO and LPPO
 - Improve capacity for en-route traffic.
 - Implement RNP4
 - Consolidate SMS
 - Transition from AIS to AIM:
 - e AIP
 - Performance Based Navigation for Approach traffic:
 - CCO and CDO
-

Key benefits

Actions	Associated Benefits
Modernization of ATM system	<ul style="list-style-type: none"> • Enhanced interoperability, • Improved safety, • More flexibility • Contribution to future regulatory compliance • Greater performance
Transition from AIS to AIM	<ul style="list-style-type: none"> • Improved performance • Regulatory compliance • Cost effectiveness
Improved communication and surveillance capabilities	<ul style="list-style-type: none"> • Improved Safety • Interoperability • More Flexibility • Environmental Impact • Greater Performance
SMS and Security Management System	<ul style="list-style-type: none"> • Improved Safety • Security
The definition of Minimum Operational Navigation Network (NAV MON)	<ul style="list-style-type: none"> • Improved Safety • Resilience
Improve coordination with neighbouring FIRs	<ul style="list-style-type: none"> • Improved Safety • Increased Capacity • Improved Performance • Environmental impact
Improving airspace organization and management	<ul style="list-style-type: none"> • Improved Safety • Increased Capacity • Improved Performance • Environmental impact

Action by the meeting

The meeting is invited:

- to take notes, and for
 - ANSP that have not yet developed the master plan **TO DEVELOP MASTER PLAN**
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OBRIGADA!!!