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Transition AIS to AIM ESAF Summary

Workshop for the development of Operational skills for the transition
from AIS to AIM for Civil Aviation Authorities (CAA) and Air Navigation
Service Providers

2 – 6 July 2018

Nairobi

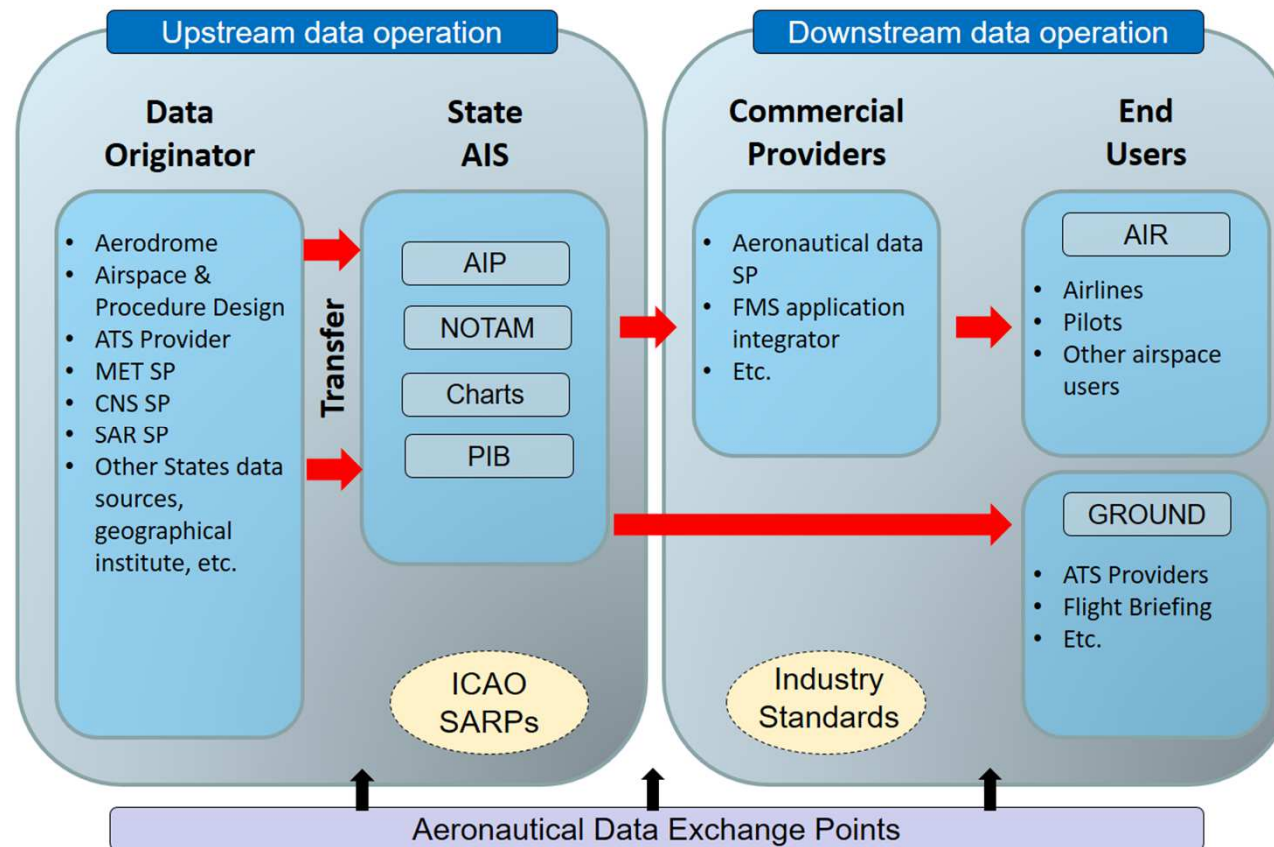
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AIS to AIM roadmap

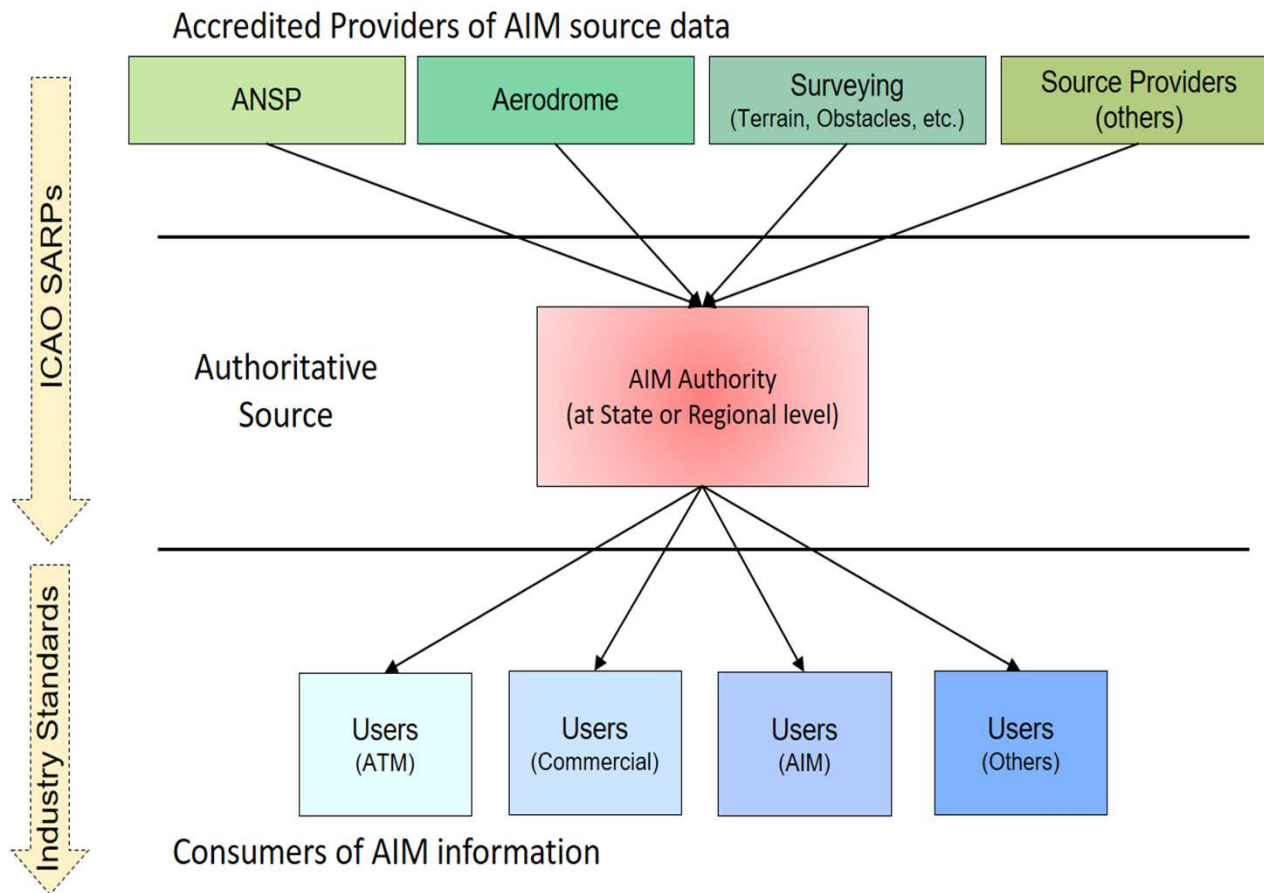
From the traditional AIS



- Reliance on manual processing and manipulation
- Multiple “points” of exchanges
- Duplication of information
- Inconsistencies
- Potential lack of synchronisation of aeronautical data in navigation databases

AIS to AIM roadmap

To the AIM environments



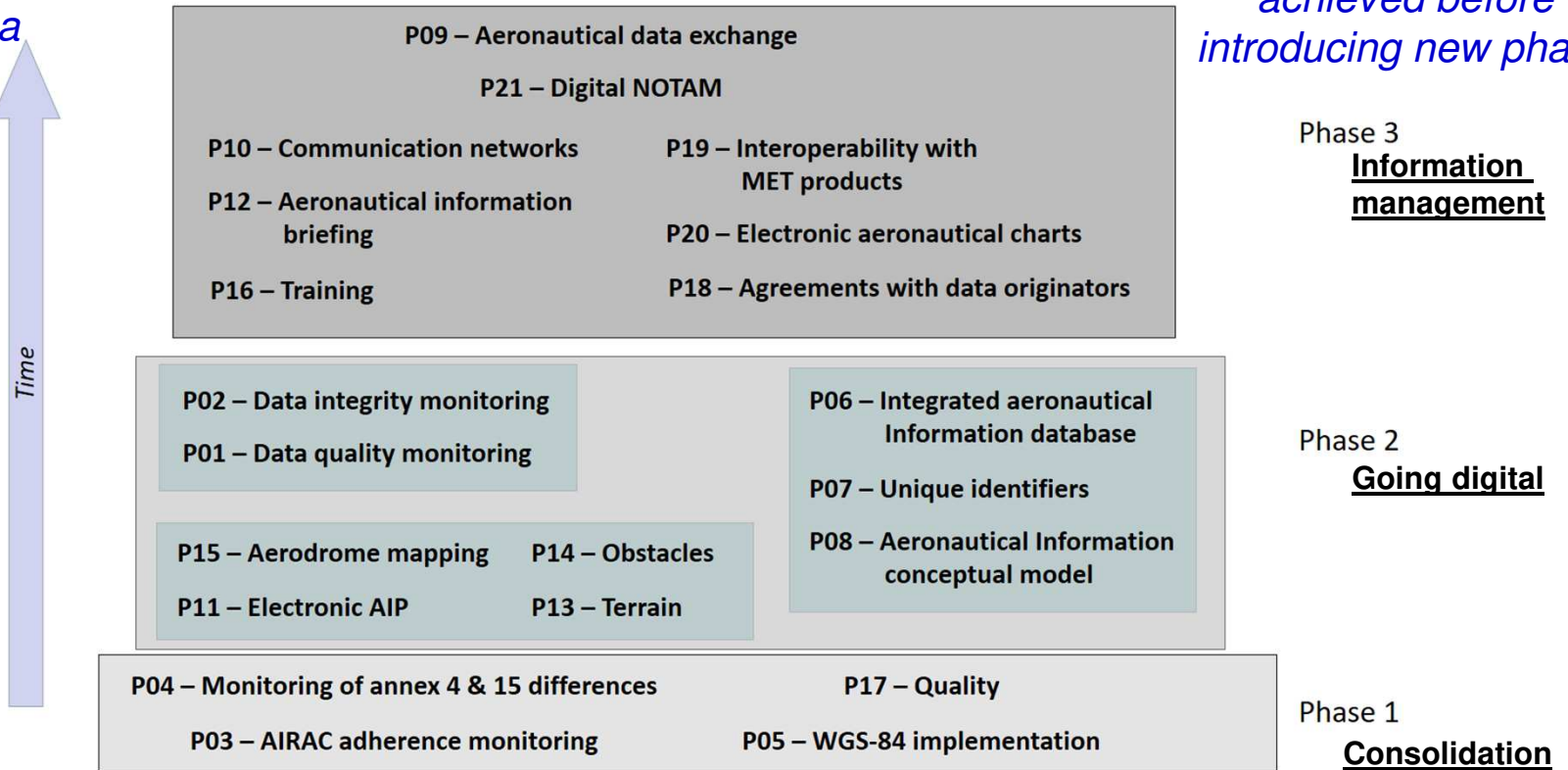
- Aeronautical information coming from authoritative sources
- Aeronautical information is:
 - digitally represented
 - globally harmonised
 - interoperable
- Quality-assured aeronautical information
- The temporality of aeronautical information is adequate for operational decision making
- Separation of information provision and information consumption

AIS to AIM roadmap

Regulatory context – ICAO Roadmap

✓ Not to be followed in a waterfall approach

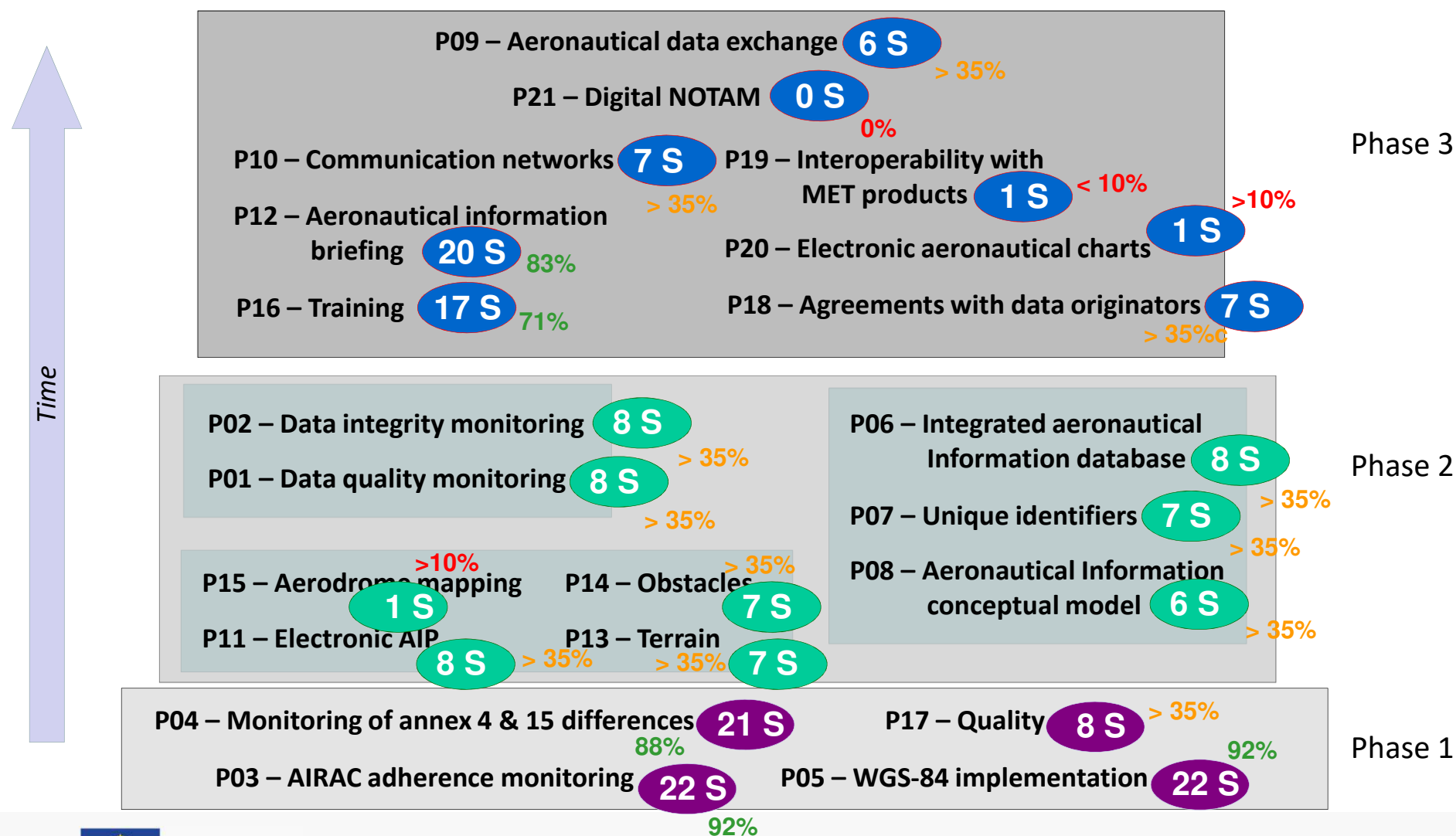
✓ Not necessary that all steps for a phase be achieved before introducing new phase



- ✓ Steps are to be taken as a checklist of high-level actions.
- ✓ Failure to take action on any of those steps will increase the duration of the transition

AIS to AIM roadmap

ESAF (24 States) transition progress status – Steps implemented



AIS to AIM roadmap

Result of AIS-AIM Survey in ESAF (1)

What kind of assistance/support do you expect from ICAO to expedite the transition from AIS to AIM?

- Specify guidance material for implementation of each subject:
 - Development of more detailed guidance materials, manuals, best practices examples and other supporting documents.
- Expeditious revisions to Annex 15,4 and DOC 8126 when appropriate to accommodate AIM, IM.
- Publish a document relative to AIM personal training.
- Regional workshops and seminars to ensure consistency in the transition to AIM.

AIS to AIM roadmap

Result of AIS-AIM Survey in ESAF (2)

What kind of assistance/support do you expect from ICAO to expedite the transition from AIS to AIM?

- Assistance to understand the following steps:
 - Unique identifiers, Aeronautical conceptual model
 - Aerodrome mapping
 - Interoperability with Meteorological products
 - Electronic aeronautical charts
 - Digital NOTAM
 - Aeronautical data exchange.
- Provide guidance through AIM training and workshop at ICAO regional offices for empowering AIS staff for the transition from AIS to AIM.

AIS to AIM roadmap

Result of AIS-AIM Survey in ESAF (3)

What kind of assistance/support do you expect from ICAO to expedite the transition from AIS to AIM?

- ICAO to:
 - Control evolution of AIXM 5.1
 - Support AFI-CAD Implementation through technical bureau.
- Service Level Agreement (SLA) to be made a standard.
- Review of contents and format of AIP and AIRAC specifications (More detailed definitions to eliminate ambiguity).
- Debriefing for CAA DGs, awareness about importance of Transition from AIS to AIM, an AFI campaign.

AIS to AIM roadmap

open discussion



- How to facilitate the transition by establishing mechanism to exchange info between ESAAF States?
 - Set-up/build a facility to exchange info
 - Monitor/communicate progress
 - Set-up a list of contact
 - communicate 'news'
 - Other idea?



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