AIM RBIS Project – Workshop on Go-team methodology

Purpose and expected outcomes

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Outline

- Background information
- AIM RBIS project
- Purpose of the workshop
- Expected outcomes

Background information

Roadmap for the transition from AIS to AIM

- Noted by the Air Navigation Commission on **10 March 2009**.
- Addresses more specifically, and in greater detail, the **direction** given in Global air navigation plan (GANP) for the **future development** of aeronautical information.
- Identifies the **major milestones** recommended for a **uniform evolution** of aeronautical information across all regions of the world, **specific steps** that need to be achieved and **timelines** for implementation.

Background information

Roadmap for the transition from AIS to AIM

- Sets a **baseline** for establishing **strategies** to advance the AIM objectives globally.
- **No changes** in terms of the **scope** of aeronautical information to be distributed.
- Introduction of **new products and services** and an increased emphasis on **better data distribution** in terms of **quality** and **timeliness** to meet user requirements and contribute to improved safety, increased efficiency and greater cost-effectiveness of the air navigation system.

Background information

Roadmap for the transition from AIS to AIM

- Based on what we know at initiation date but developed to provide sufficient **flexibility** for **new concepts** that will emerge from future research.
- Three **phases** of action to complete the transition to AIM, with 21 steps:
  - Phase 1 — Consolidation
  - Phase 2 — Going digital
  - Phase 3 — Information management.

Background information

QMS

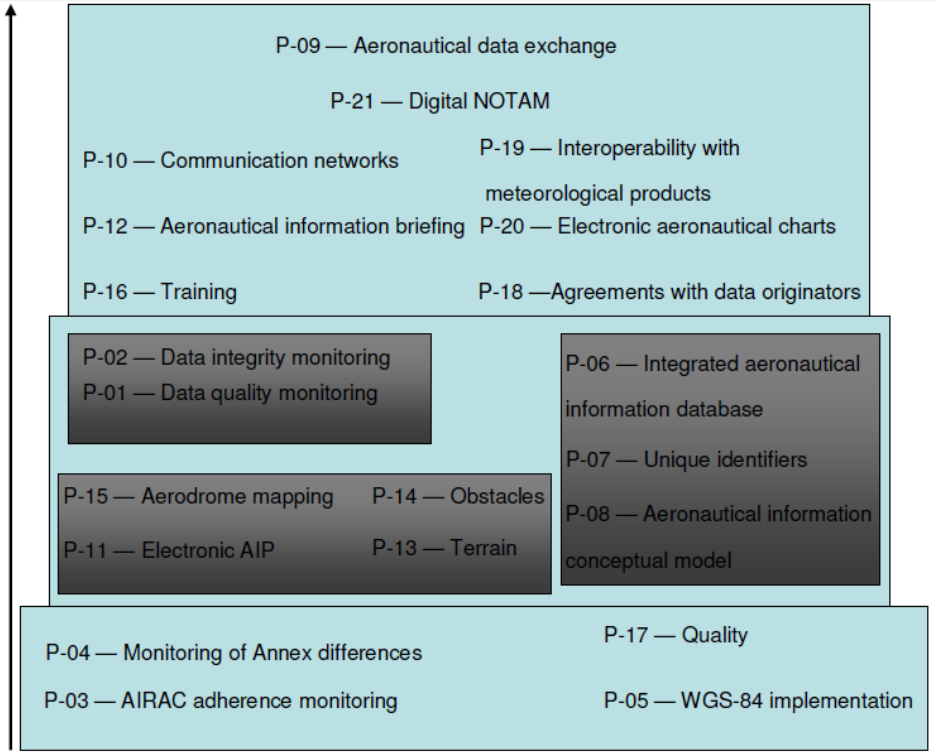
P01 – Data quality monitoring
P03 – AIRAC adherence monitoring
P16 – Training
P17 – Quality
P18 – Agreements with data originators

AIXM

P06 – Integrated aeronautical information database
P07 – Unique identifiers
P08 – Aeronautical information conceptual model
P09 – Aeronautical data exchange
P11 – Electronic AIP

TOD

P05 – WGS-84
P07 – Obstacles
P08 – Terrain



Background information

APIRG projects

- The **20th meeting of APIRG** held in 2015 in Yamoussoukro, Cote d'Ivoire, adopted a **set of projects** identified by the Sub-groups, including the following:
  - **AFI AIM/1** - Assessment and development of QMS applied to AIM in AFI States, from 1/6/2015 to 1/06/2016
  - **AFI AIM/2**: Implementation of Aeronautical Information Exchange Systems (AIXM), from 1/6/2015 to 31/12/2016
  - **AFI AIM/3** - Implementation of the provision of electronic terrain and obstacle data (e-TOD), from 1/6/2015 to 31/12/2017
- Many challenges impacted the progress of these projects

Background information

Implementation status in AFI region

- AFI States implementation status in April 2022 :
  - QMS implemented: 27 States out of 48 – 56%
  - AIXM implemented: 20 States out of 48 – 42%
  - TOD implemented: 1 States out of 48 – 2%
- Need to **expedite** the **assistance** to AFI States in transitioning to AIM, through the **implementation** of QMS, AIXM and TOD.

AIM RBIS project

- For an effective implementation of AIM provisions, the current project "**AIM Results-Based Implementation Support (RBIS) for the AFI Region**" has been initiated in the framework of the **AFI Plan**, to **expedite the support** to State in the implementation QMS, AIXM and TOD.
- Initially planned for 18 months, starting in May 2019, it has been delayed due mainly to the COVID-19.
- The 25th meeting of the **AFI Plan Steering Committee**, held on 17 May 2022, Abuja, Nigeria, **approved the revision** of the project, with a **time frame of 30 months**.

AIM RBIS project

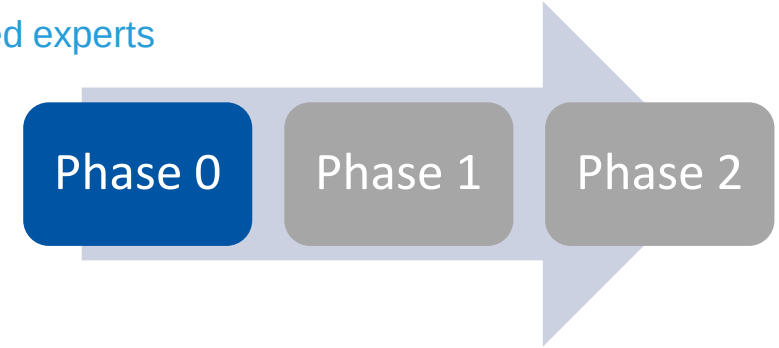
Implementation approach

- The objective of the **AIM RBIS Concept** is to bring AFI States to a good implementation level in AIM through a standard process which includes three main phases as follows:
  - Phase 0: Initiation of the project
  - Phase 1: Development and validation of documentation
  - Phase 2: AIM Go-Team visits and follow-up

AIM RBIS project

Initiation of the project

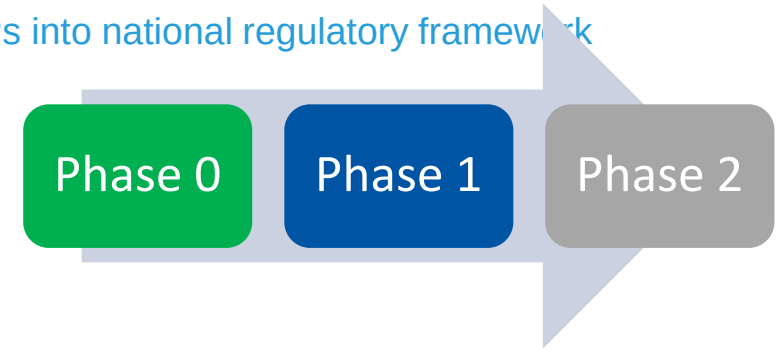
- The initiation of the project consists of the following activities:
  - Identification of recipient States to be assisted
  - Selection of Experts and compositions of technical teams: QMS, AIXM, TOD
  - Workshop on the Go-team methodology with selected experts



AIM RBIS project

Development & validation of documentation

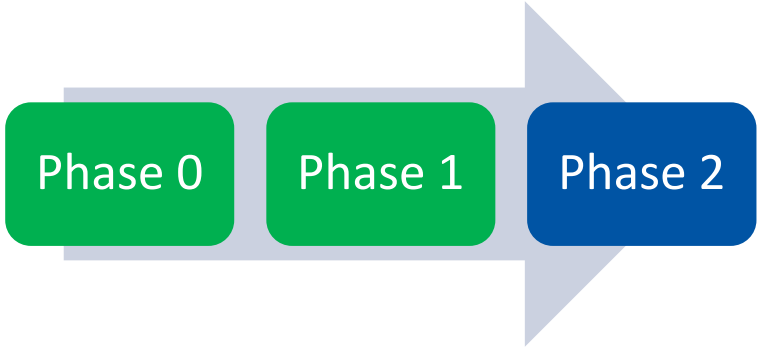
- The technical teams will identify and develop all generic documents and materials needed to assist States to implement QMS, AIXM and TOD.
- Generic documentation could include, but not limited to:
  - Transposition of QMS, AIXM and TOD related SARPs into national regulatory framework
  - QMS Policy, Manual, Processes, Procedures
  - Technical Specifications, Costs estimation,
  - Capacity building materials
- Workshops to validate documentation



AIM RBIS project

Go-team visits & follow-up

- Activities of phase 2 will include:
  - Go-Team assistance launching meeting with recipient States
  - Go-Team visits to States for tailored support to implementation of QMS or AIXM/TOD,
  - Final report of the Go-Team visit,
  - State to develop and implement action plan,
  - Go-team to assess the performance and deliver a closing report 12 months after the visit



AIM RBIS project

Project deliverables

(Phase 0) **Initiation of the project**	***(Phase 1)*** **Development and validation of documentation**	***(Phase 2)*** **AIM Go-Team visits and follow-up**
(Objective 0) **Establish competent teams to carry out the AIM Go-Team activities**	***(Objective 1)*** **Develop generic documentation required to implement QMS, AIXM and TOD**	***(Objective 2)*** **Assist States in implementing QMS, AIXM and TOD**
(KPIs) 1 Go-Teams established for QMS, AIXM and TOD	*(KPIs)* 1.1 QMS implementation package validated 1.2 AIXM implementation package validated 1.3 TOD implementation package validated	*(KPIs)* 2.1 Number of AFI States having a certified QMS in AIM 2.2 Number of AFI States having an AIXM database and electronic AIP (eAIP) 2.3 Number of AFI States providing Obstacles and Terrain Data sets
(Deliverable 0.1) **Experts selected and trained on the Go-Team methodology**	***(Deliverable 1.1)*** **Implementation packages for QMS, AIXM and TOD**	***(Deliverable 2.1)*** **Go-Team visits to assist States in implementing QMS, AIXM/TOD and follow-up**

Recipient States

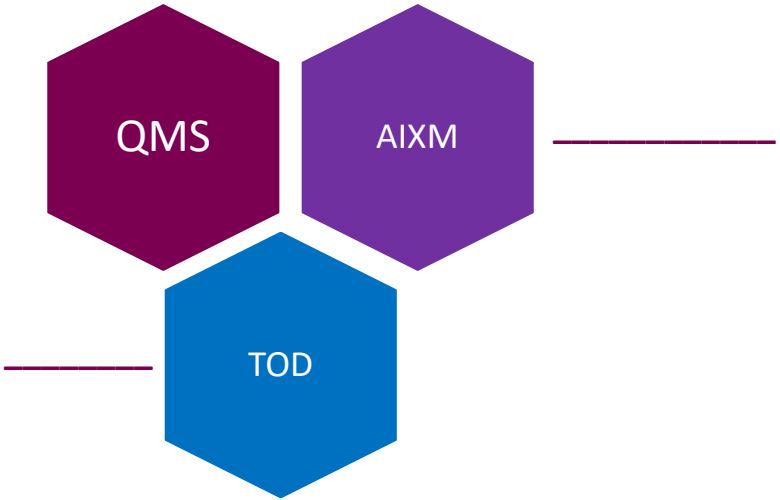
Recipient States

QMS assistance	*AIXM/TOD assistance*
✓Seychelles	✓Benin
✓Namibia	✓Cabo Verde
✓Botswana	✓Rwanda
✓Nigeria	✓South Africa
✓Democratic Republic of Congo	✓Ghana

AIM RBIS project

Project teams

- The project activities to be carried out by 3 technical teams.



Purpose of the workshop

- The **Kick-off meeting** of the AIM RBIS project was held virtually on 2nd June 2022.
- The **project background** was given, explaining the **need** to **reinforce the mechanism** to assist State in their efforts to effectively implement ICAO provision in AIM.
- The **project approach** was detailed through its **phases**, with an emphasis on the need to develop **generic documentations** and **materials** to be used to conduct onsite **Go-team assistance** activities.

Purpose of the workshop

- The purpose of the workshop is to bring the selected Experts to a **good understanding** of the project **approach**, **phases**, **activities** and expected **deliverables**, and prepare for the next steps through:
  - Review of AIM provisions related to QMS, AIXM, TOD
  - Discussion of the Go-team methodology
  - Identification of documents and materials to be developed for the Go-team assistance
  - Planning of the documentation development

Expected outcomes

- Following outcomes are expected from the workshop:
  - Documents and materials needed for the Go-team assistance are clearly identified
  - Development of documents and materials is well planned
  - Teams are committed to develop documents and materials
  - Templates of work programmes are adopted for QMS and AIXM/TOD Go-team visits

ICAO

THANK YOU