



ICAO

International Civil Aviation Organization

Twenty-First Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/21)

Bangkok, Thailand, 19 – 22 May 2026

Agenda Item 4: AIS-AIM Updates

REGIONAL IMPLEMENTATION STATUS OF AIM PERFORMANCE EXPECTATIONS

(Presented by the Secretariat)

SUMMARY

This paper presents a summary of the implementation progress of the regional performance expectations in the Asia/Pacific Regional Plan for Collaborative Aeronautical Information Management (AIM).

1. INTRODUCTION

1.1 The Asia/Pacific Regional Plan for Collaborative AIM (Version 3.0) was amended by the Asia/Pacific AIS – AIM Implementation Task Force (AAITF) and approved by the Eleventh Meeting of the ATM Sub-Group of APANPIRG (ATM/SG/11, Singapore, 02 to 06 October 2023) under **Conclusion ATM/SG/11-8: Consolidation of Regional AIM Guidance Material**. The plan includes background information and general guidance, and a performance improvement plan. The performance objectives of the Plan are expected to be implemented in phases of *Regional AIM Capability* aligned, where practicable, with the performance objectives of the Asia/Pacific Seamless ANS Plan, as follows:

- i) **Phase I**, expected to be implemented immediately;
- ii) **Phase II**, expected to be implemented by 7 November 2019, and
- iii) **Phase III**, expected to be implemented by 27 November 2025.

1.2 The Regional AIM Implementation Monitoring and Reporting process measures State implementation of the performance expectations specified in Section 7 of the plan. Asia/Pacific Administrations should report their implementation status to the ICAO Asia/Pacific Regional Office at least once annually, by no later than 28 February each year.

1.3 According to Conclusion ATM/SG/13-3: The Use of Digital Form to Collect Annual Regional ANS-related Monitoring and Reporting Data, States/Administrations are required to provide the annual report and/or any subsequent updates on Regional AIM Plan Monitoring and Reporting through Microsoft Forms platform (<https://forms.office.com/r/BENsq4FA4F>). The excel version of the reporting form available on the ICAO Asia/Pacific Regional Office [eDocuments \(ATM\) webpage](#) is for administrations' reference and internal data preparation only.

2. DISCUSSION

AIM Implementation Monitoring

2.1 As of 26 March 2026, 19 States/Administrations provided information on the implementation status of AIM to the ICAO Regional Office:

Australia, Bangladesh, Bhutan, Cambodia, Hong Kong China, Macao China, Fiji, Indonesia, Japan, Malaysia, Mongolia, Nepal, New Zealand, Pakistan, Papua New Guinea, Philippines, Singapore, Sri Lanka and Thailand.

2.2 Australia, Hong Kong China, Japan, New Zealand, Pakistan, Singapore and Sri Lanka have reported completion of Regional AIM Capability Phase I, which was expected to be implemented immediately on approval of the Plan by ATM/SG due to the elements of this Phase relating to ICAO Standards and Recommended Practices (SARPs) that had already been applicable for many years.

2.3 Singapore remained the only State that has reported completion of Regional AIM Capability Phase II, which was expected to be implemented by 07 November 2019.

2.4 No States/Administrations reported completion of Regional AIM Capability Phase III, which was expected to be implemented by 27 November 2025.

2.5 The latest update of the reported Regional implementation of AIM performance expectations is provided at **Attachment A** with data provided by States/administrations updated as of 26 March 2025. Any further updates received during or in the week immediately following AAITF/21 would be included in the updated implementation table appended to the final version of the meeting report.

Overall Progress

2.6 Implementation of **Regional AIM Capability Phase I**, is summarized as follows:

- i) 7 Administrations (16%) have completed implementation of Phase I (*increased by 4 Administrations compared to 2025*);
- ii) 32 Administrations (75%) have partly implemented Phase I (*increased by 1 Administration compared to 2025*);
- iii) 4 Administrations (9%) have not reported implementation of any Phase I Performance Expectations (*decreased by 1 Administration compared to 2025*); and
- iv) Overall Regional implementation of Phase I – 69% (*increased by 7% compared to 2025*).

The comparison and current regional progress for Phase I are shown in **Table 1** and **Figure 1** below.

Table 1: Comparison of Regional Implementation of Phase I

Year	Regional implementation of Phase I
2026	69%
2025	62%
2024	60%
2023	55%
2022	55%

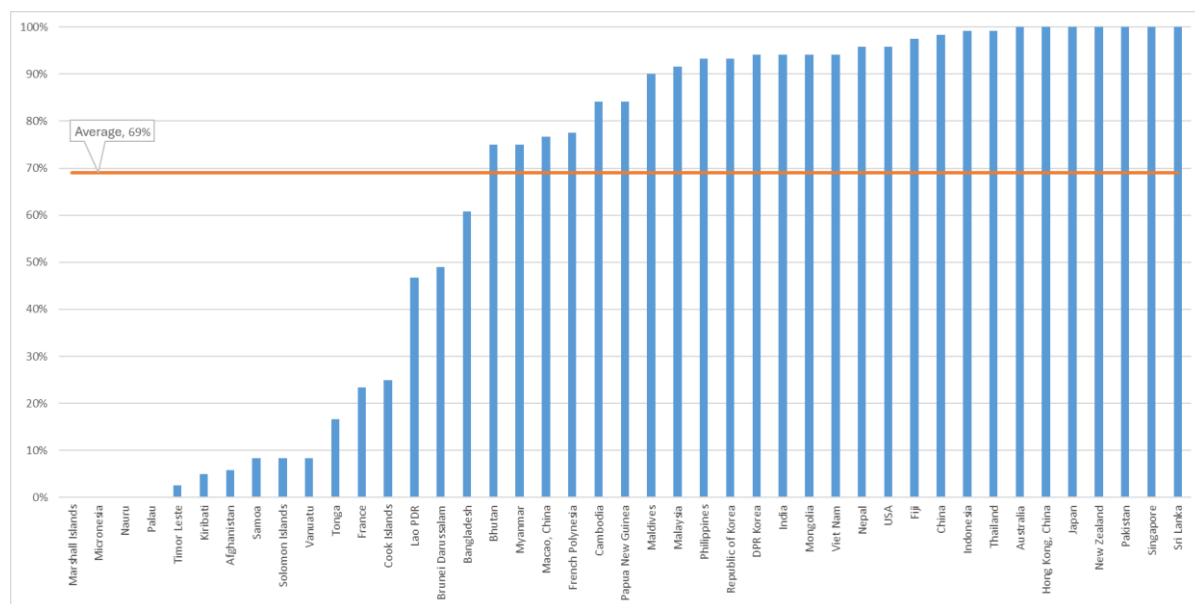


Figure 1: Regional Phase I Implementation Progress

2.7 Implementation of **Regional AIM Capability Phase II**, expected to be implemented by 7 November 2019, is summarized as follows:

- i) 1 Administration (2%) has completed implementation of Phase II (*no change from 2025*);
- ii) 37 Administrations (84%) have partly implemented Phases II (*increased by 2 administrations compared to 2025*);
- iii) 3 Administrations (7%) have not reported implementation of Phase II Performance Expectations (*decreased by 4 Administrations compared to 2025*); and
- iv) Regional implementation of II – **50%** (*increased by 6% compared to 2025*)

The comparison and current regional progress for Phases II are shown in **Table 3** and **Figure 3** below.

Table 2: Comparison of Regional Implementation of Phase II

Year	Regional implementation of Phase II
2026	50%
2025	44%
2024	42%
2023	42%
2022	40%

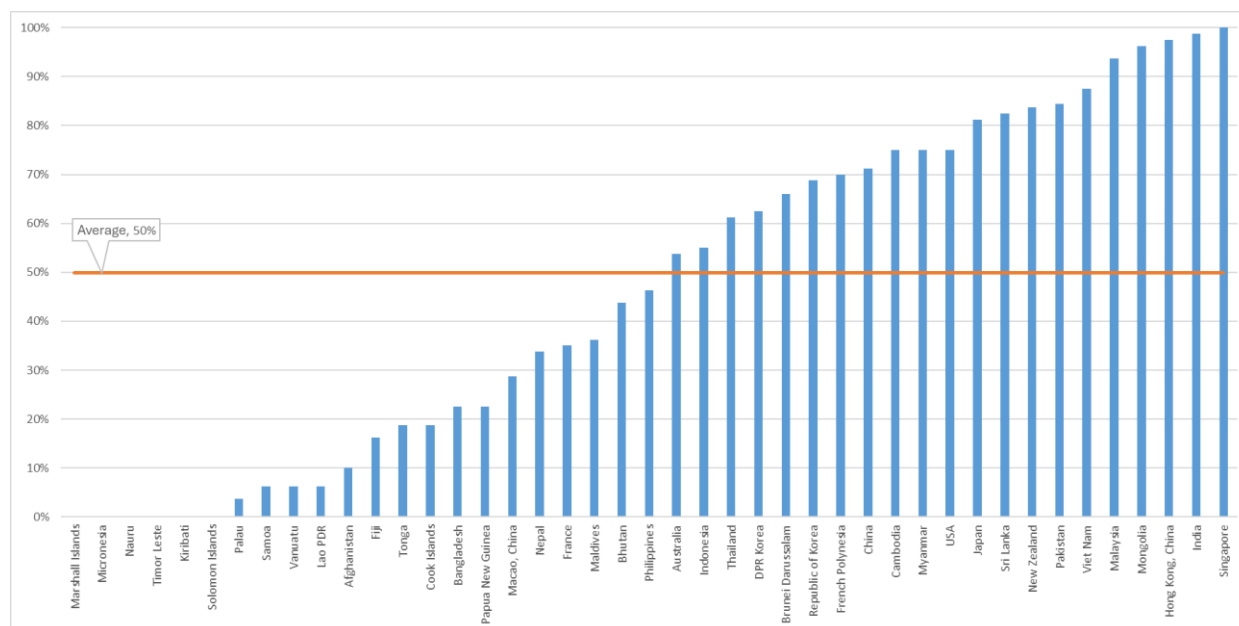


Figure 2: Regional Phase II Implementation Progress

2.8 Implementation of **Regional AIM Capability Phases I & II** is summarized as follows:

- i) 1 Administration (2%) has completed implementation of Phase I & II (*no change from 2025*);
- ii) 39 Administrations (91%) have partly implemented Phases I & II (*increased by 1 administration compared to 2025*);
- iii) 3 Administrations (7%) have not reported implementation of any Phase I or Phase II Performance Expectations (*decreased by 1 Administration compared to 2025*); and
- iv) Combined Regional implementation of Phases I & II – **61%** (*increased by 7% compared to 2025*)

The comparison and current regional progress for Phases I & II are shown in **Table 3** and **Figure 3** below.

Table 3: Comparison of Regional Implementation of Phases I & II

Year	Regional implementation of Phase I & II
2026	61%
2025	54%
2024	53%
2023	51%
2022	48%

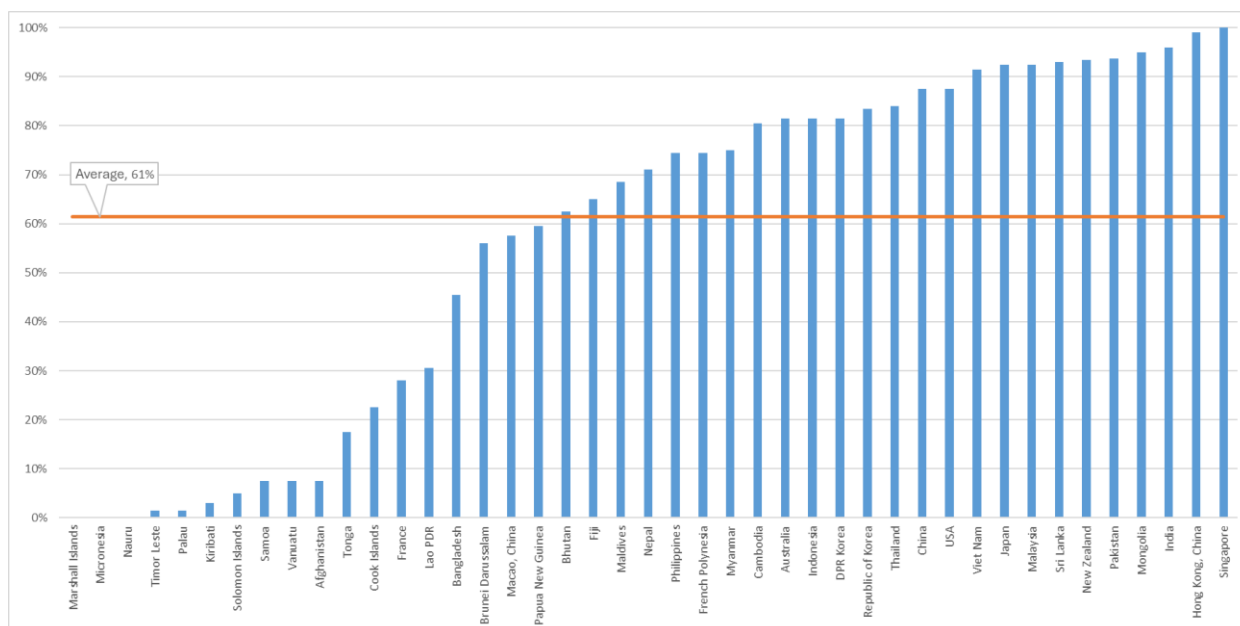


Figure 3: Regional Phases I & II Implementation Progress

2.9 Implementation of **Regional AIM Capability Phase III**, expected to be implemented by 27 November 2025, is summarized as follows:

- i) No Administrations has completed implementation of Phase III (*no change from 2025*);
- ii) 25 Administrations (60%) have partly implemented Phases III (*no change from 2025*);
- iii) 3 Administrations (7%) have not reported implementation of Phase III Performance Expectations (*decreased by 1 Administration compared to 2025*); and
- iv) Regional implementation of III – **22%** (*increased by 2% compared to 2025*)

The comparison and current regional progress for Phases III are shown in **Table 4** and **Figure 4** below.

Table 4: Comparison of Regional Implementation of Phase III

Year	Regional implementation of Phase III
2026	22%
2025	20%
2024	17%
2023	15%
2022	12%

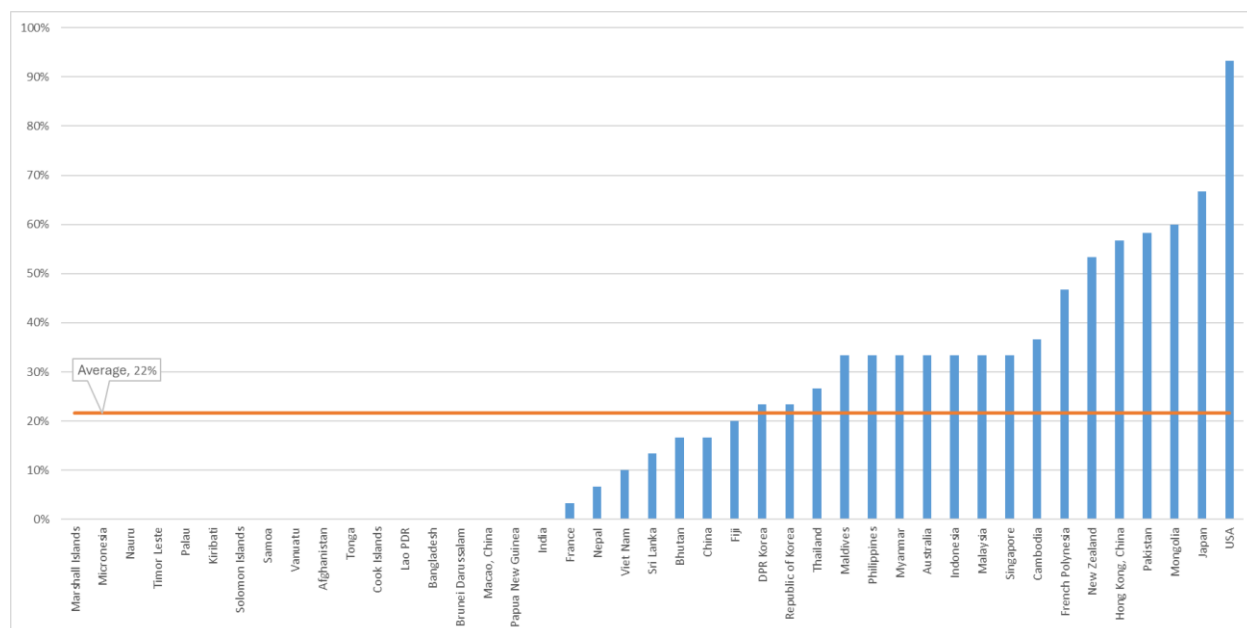


Figure 4: Regional Phase III Implementation Progress

2.10 Regarding the target date for Phase III, where progress has been delayed, a proposal was submitted by Singapore last year. The matter is to be discussed under Agenda Item 5 through WP/12.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) note the continuing slow/poor progress particularly in Phase I and Phase II which consolidates implementation of key SARPS that have been in existence for many years; and
- c) discuss any relevant matters as appropriate.

Regional Implementation Status of AIM Performance Expectations

Date Last Amended: May 11, 2026

	Last report year	Phase 1																		Phase 2						Phase 3			
		1				2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	17	18					
		1a	1b	1c	1d													14a	14b	14c									
Afghanistan	2021 or earlier	0%	0%	0%	0%	0%	0%	40%	0%	30%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	50%	0%	0%	0%					
Australia	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	100%	60%	0%	100%	0%	0%	100%	0%	0%					
Bangladesh	2026	100%	60%	100%	50%	0%	60%	50%	30%	30%	70%	80%	100%	60%	20%	50%	0%	0%	20%	0%	30%	0%	0%	0%					
Bhutan	2026	100%	100%	100%	100%	0%	100%	0%	50%	50%	100%	100%	100%	100%	0%	50%	0%	50%	50%	50%	50%	50%	0%	0%					
Brunei Darussalam	2025	0%	0%	0%	0%	50%	100%	70%	100%	80%	0%	100%	90%	80%	90%	80%	90%	50%	80%	60%	0%	0%	0%	0%					
Cambodia	2026	100%	100%	90%	90%	30%	100%	70%	80%	80%	80%	90%	100%	80%	70%	80%	80%	80%	80%	30%	100%	30%	30%	50%					
China	2025	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	90%	40%	70%	100%	100%	20%	60%	80%	100%	30%	10%	10%					
Hong Kong, China	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	80%	100%	70%	50%	50%					
Macao, China	2026	100%	100%	100%	100%	0%	100%	100%	100%	50%	0%	100%	70%	0%	50%	50%	50%	0%	0%	0%	80%	0%	0%	0%					
Cook Islands	2021 or earlier	0%	100%	0%	0%	0%	0%	100%	0%	30%	0%	0%	70%	0%	0%	100%	0%	0%	0%	0%	50%	0%	0%	0%					
DPR Korea	2025	100%	100%	100%	100%	80%	50%	100%	100%	100%	100%	100%	100%	80%	50%	100%	70%	30%	20%	60%	90%	30%	30%	10%					
Fiji	2026	100%	100%	100%	100%	70%	100%	100%	100%	100%	100%	100%	100%	50%	30%	30%	20%	0%	0%	0%	0%	50%	10%	0%					
French Polynesia	2024	100%	100%	80%	100%	50%	0%	80%	80%	80%	100%	60%	100%	80%	100%	100%	80%	50%	50%	0%	100%	60%	60%	20%					
India	2025	100%	100%	100%	100%	30%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	100%	0%	0%	0%					
Indonesia	2026	100%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	90%	80%	100%	60%	20%	20%	20%	50%	50%	50%	0%					
Japan	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	90%	100%	100%	80%	90%	0%	100%	100%	100%	0%					
Kiribati	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%					
Lao PDR	2021 or earlier	100%	100%	100%	100%	0%	100%	0%	0%	0%	30%	0%	30%	0%	0%	20%	0%	0%	30%	0%	0%	0%	0%	0%					
Malaysia	2026	100%	100%	100%	100%	100%	100%	50%	100%	100%	100%	50%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%					
Maldives	2024	100%	100%	100%	100%	0%	100%	80%	100%	100%	100%	100%	100%	100%	100%	90%	0%	0%	0%	0%	0%	100%	0%	0%					
Marshall Islands	No report																												
Micronesia	No report																												
Mongolia	2026	100%	100%	100%	100%	30%	100%	100%	100%	100%	100%	100%	100%	100%	70%	100%	100%	100%	100%	100%	100%	100%	50%	30%					
Myanmar	2021 or earlier	100%	100%	100%	100%	0%	100%	0%	100%	30%	100%	100%	70%	0%	50%	50%	100%	100%	100%	100%	100%	0%	0%	100%					
Nauru	No report																												
Nepal	2026	100%	100%	100%	100%	100%	100%	60%	100%	100%	90%	100%	100%	40%	0%	60%	0%	60%	60%	50%	0%	20%	0%	0%					
New Zealand	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	80%	100%	90%	100%	80%	40%	80%	50%	60%	50%					
Pakistan	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	70%	100%	100%	75%	100%	60%	100%	75%	50%	50%					
Palau	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%					
Papua New Guinea	2026	100%	100%	100%	100%	70%	100%	0%	100%	100%	50%	100%	90%	100%	10%	70%	0%	0%	0%	0%	0%	0%	0%	0%					
Philippines	2026	100%	100%	100%	100%	20%	100%	100%	100%	100%	100%	100%	100%	100%	20%	100%	100%	0%	0%	0%	50%	100%	0%	0%					
Republic of Korea	2025	100%	100%	100%	100%	80%	80%	80%	100%	100%	80%	100%	100%	80%	50%	100%	70%	50%	50%	50%	100%	50%	20%	0%					
Samoa	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	70%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%					
Singapore	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%					
Solomon Islands	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	70%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%					
Sri Lanka	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	100%	90%	100%	60%	40%	100%	20%	10%	10%					
Thailand	2026	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	100%	100%	100%	30%	30%	30%	0%	100%	40%	20%	20%					
Timor Leste	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%					
Tonga	2021 or earlier	0%	100%	0%	0%	0%	0%	0%	0%	30%	0%	0%	70%	0%	0%	100%	0%	0%	0%	0%	50%	0%	0%	0%					
Vanuatu	2021 or earlier	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	70%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%					
Viet Nam	2025	100%	100%	100%	100%	70%	100%	100%	80%	90%	90%	100%	100%	100%	90%	100%	80%	90%	90%	70%	80%	10%	10%	10%					
USA	2025	100%	100%	100%	90%	70%	100%	100%	100%	100%	100%	100%	90%	70%	80%	100%	100%	0%	80%	70%	100%	90%	100%	90%					
France	2021 or earlier	0%	100%	0%	0%	0%	0%	0%	0%	80%	0%	0%	100%	0%	0%	100%	100%	0%	0%	0%	80%	0%	0%	10%					
		73%	79%	72%	71%	46%	70%	62%	68%	72%	64%	71%	83%	58%	47%	72%	52%	37%	44%	31%	59%	36%	17%	13%					

Phase 1

- 1 Developed policy and enacted primary legislation and supporting regulations for Annex 4 and Annex 15 SARPS, and PANS-AIM Procedures including:
- 1a establishment of an organizational structure for the safety oversight of aeronautical information service providers;
- 1b requirements for monitoring of differences from Annex 4 and Annex 15 SARPS;
- 1c requirements for aeronautical information/data originators;
- 1d Requirement for AIS quality management systems and processes to be established by all entities in the end-to-end AIS data chain.
- 2 Ensured National Air Navigation Plans developed in accordance with the Beijing Declaration, and the provisions of the Asia/Pacific Seamless ANS Plan, include the implementation planning for each of the performance expectations of the Regional Plan for Collaborative AIM.
- 3 Established AIS either as a separate entity within or, ideally, separated from the civil aviation administration in accordance with the guidance provided in ICAO Doc 8126 – AIS Manual Chapter 2 (2.4.1.2 and 2.4.1.3).
- 4 Developed competency requirements for AIS personnel, including English language proficiency requirements, supported by a program of regular performance assessment.
- 5 Established regular programs of engagement with all stakeholders.
- 6 Established quality management processes for aeronautical information under the SARPS in Annex 15.
- 7 Established formal agreements between AIS providers and aeronautical data originators under the relevant SARPS in Annex 15 specifying the content, quality, maintenance and timing of the provision of aeronautical data that required to be promulgated in AIP, and the application of quality management process.
- 8 Provided full access to relevant ICAO Annexes and Documents to all personnel having responsibility for the origination, reception, management, publication and/or distribution of aeronautical information and aeronautical data.
- 9 Ensured full compliance of all aeronautical products with common reference systems in accordance with the relevant SARPS and procedures in Annex 15 and PANS-AIM: WGS-84, MSL/EGM-96 and UTC

Phase 2

- 10 Adapted policy, primary legislation and supporting regulations for Annex 4, Annex 15 SARPS and PANS AIM to support transition to AIM: implementation of digital databases of aeronautical information and production of electronic AIP and other Aeronautical Information Products.
- 11 Adapted training, competency and performance assessment of AIS personnel the establishment and maintenance of digital databases and generation of data sets of aeronautical information, quality management systems, and electronic AIP.
- 12 Implemented and maintained quality management systems encompassing all functions of an AIS.
- 13 Established and maintained digital databases of aeronautical information (PANS-AIM Appendix 1)
- 14 Managed terrain, obstacle and aerodrome mapping data through the establishment of:
- 14a a terrain database, from which terrain data sets conforming with Annex 15 Section 5.3.3.3 may be generated;
- 14b an obstacle database, from which obstacle data sets conforming with Annex 15 Section 5.3.3.4 may be generated; and
- 14c an aerodrome mapping database, from which aerodrome mapping data sets conforming with Annex 15 Section 5.3.4 may be generated.
- 15 Implemented internet-accessible electronic AIP generated from a digital database of aeronautical information.

Phase 3

- 16 Adapted policy, primary legislation and supporting regulations for Annex 4 and Annex 15 SARPS, and PANS AIM procedures to support the automated exchange of aeronautical data in a SWIM environment: Interoperability with meteorological products, Communications networks for the exchange of aeronautical data and Electronic aeronautical charts.
- 17 Adapted training, competency development and performance assessment of AIS personnel to support the automated exchange of aeronautical data in a SWIM environment, and the generation of electronic aeronautical charts.
- 18 Exchanged digital data sets of aeronautical information in a SWIM environment, aligned with ASBU DAIM-B2/1, provided Aeronautical Information briefing with integrated meteorological information and Electronic aeronautical charts.

Color Code:

Green - Increased implementation

Red - Decreased implementation

Dark Blue - No Change