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AAC Meeting

7/06/2026

Progress Report of AAC WS1



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01 Review the progress of WS1 tasks



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Objectives

Objectives: Step up investments in ANS capacity and capabilities and share requirements and best practices in the procurement of ANS systems

Leads

Leads : China, Thailand

Members

Members: Hong Kong China, New Zealand, Singapore, CANSO , India, Macau China, Vietnam, Australia, Mongolia, Philippines, Sri Lanka, Indonesia, **Maldives ,Fiji**



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The current tasks can be categorized as follows

Number	Category	Description	Target date
1	Experience Exchange	To formulate a scheme of collaboration on capacity building and technical assistance among ANSPs.	Completed
2	Experience Exchange	To handle capacity building and technical assistance among ANSPs.	On-going
3	Planning and Design	To explore new technology and collaborative platforms in facilitating regional ANS modernization, with the involvement of ATM technology industry.	On-going
4	Planning and Design	To create collaborative platforms in new technology for cross-border trials, to facilitate regional ANS modernization, with the involvement of ATM technology industry, including providing implementation support on MIP capabilities for APAC	On-going
5	Planning and Design	To gather ANSPs needs and plans for ANS systems digitalization/modernization and explore the feasibility and requirements.	Completed
6	Experience Exchange	To collaborate to organize an APAC Innovation and Capacity Building Symposium to build capacity and promulgate innovative technologies for ANS digitalization.	Completed
7	Experience Exchange	To encourage ANSPs to share experiences and best practices in ANS systems planning, procurement, implementation, maintenance and whole-life management.	On-going
8	Procurement Execution	To draft a common ANS system procurement checklist for ANSP consideration in APAC region.	Completed
9	Procurement Execution	To take stock on the guidance materials available from ICAO APAC and CANSO related to ANS systems, and consolidate a library of guidance materials with classification, that could facilitate ANSPs to make reference in their planning, procurement and implementation of ANS systems.	On-going

2026 Key Activities

4/9 tasks completed



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2026 Key Activities



Task 2: Workshop on CNS/ATM Operation & Maintenance Management

- ◆ Air Traffic Management Bureau (ATMB) of CAAC will host a **Workshop on Modernized Operation and Maintenance Management of CNS/ATM** Equipment around late Oct. 2026 in **Shanghai, China.**
- ◆ To provide a professional platform for experience exchange among aviation stakeholders, focusing on the operation and maintenance management of CNS/ATM equipment
- ◆ RSO sent out a survey questionnaire to all AAC ANSPs in March 2026, soliciting intention and topic proposals to ensure the workshop topics are highly targeted and interested to all participants.
- ◆ Feedback has been received from **Cambodia, Pakistan, Hong Kong China, Singapore, Vietnam, Thailand and the United States.**



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2026 Key Activities



Task 2: Workshop on CNS/ATM operation & maintenance management

Day T0	Registration		Presenter/ Moderator
Day T0+1	AM	Welcome Ceremony	
		Participants Introduction & Exchange	
	PM	Life Cycle Operation and Maintenance Management of Equipment	AeroThai
Day T0+2	AM	Business Chain Operation and Maintenance Management of Equipment	
		Whole Supply Chain Management of Equipment	
	PM	On-site Visit & Exchange	ATMB
Day T0+3	AM	Data-Driven Operation and Maintenance Management of Equipment	
		System of System Design	CAAS
	PM	Future Development and Technical Outlook	
		On-site Visit & Exchange	ATMB
Day T0+4	Closing Ceremony		



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2026 Key Activities

Task 2: MET Training and Workshop

Training&Workshop: ATMB will host a 5-day training workshop on Aeronautical Meteorological (MET) Services Coordination.

Time: scheduled *from 17 to 21 November 2026*

Place: GunagXi, China.

Contents: hazardous weather coordination, hazardous weather forecasting and nowcasting technology, application of hazardous weather advisories, application of satellite/lightning/radar data, aviation weather services, MET information collaboration with air traffic control and air traffic flow management (ATFM)



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2026 Key Activities



Task 2: MET Training and Workshop

- ***Target participants:*** Each state could nominate 1~2 experts to participate in this training workshop.
- ***Cost:*** Tuition is covered by organizers for all the accepted participants that receive the endorsed Admission Notices.
- Looking forward to receiving your intention to participate with a brief biography of the nominee **no later than 15 August 2026**
- ***Contact:*** Ms. KONG Linlin (konglinlin@atmb.net.cn) with a copy to Ms. LIN Caiyan (cylin@mail.iap.ac.cn).



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3/11/2026

2026 Key Activities



Task3: Regional ANS System Architecture

- The ANS System Architecture was circulated to all members of WS1 for comments on Jan 22, 2026.
- Singapore presented “*Introduction to MIP*” in WS1 meeting.



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3/11/2026

2026 Key Activities



Task7: ANS System Life- Cycle Management Survey

- AEROTHAI has completed analyzing the results from the feedbacks.
- To leverage the outcomes to carry out follow-up work.
- WS1 plans to introduce the survey summary result in AAC 6 meeting.



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3/11/2026

2026 Key Activities



Task7: ANS System Life- Cycle Management Survey

Mongolia Presented Experience under WS1:

Advancing Strategic ANS Investment During Institutional Transition: Mongolia's Experience as a Newly Independent ANSP

Mongolia's experience advancing two concurrent infrastructure projects as a newly independent ANSP:

Delivered during a period of concurrent institutional transition, Mongolia's experience is offered as **a contribution to the Committee's work on ANS investment and procurement best practices.**

New task on how to support system resilience. Topic of workshop.



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3/11/2026

2026 Key Activities



Task 8: To draft A Common ANS System Procurement Checklist

- ◆ Task 8: To draft a common ANS system procurement checklist for ANSP consideration in APAC region.
- IP: *ANS System Procurement Guideline* to CNS/SG 30, the draft ANS System Procurement Guideline developed under AAC WS1, submit to CNS/SG 30 for consideration and endorsement by the meeting.



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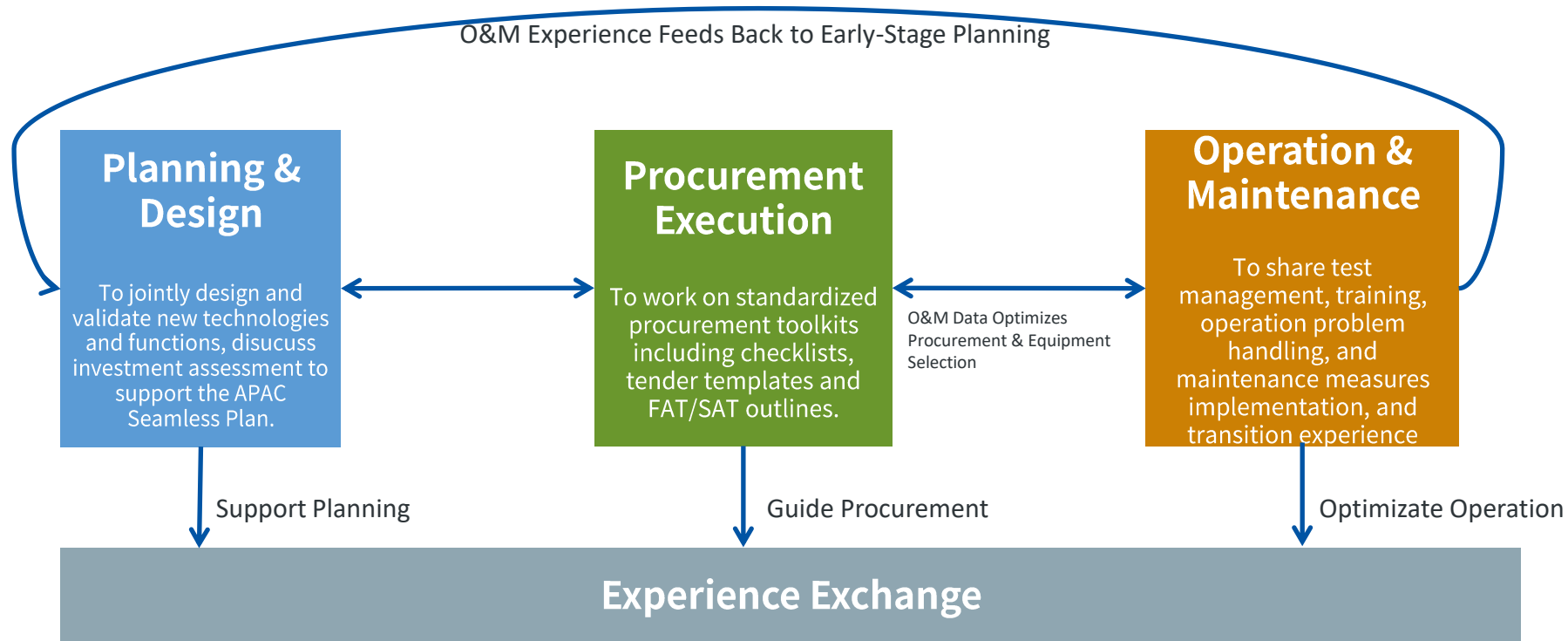
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02 Follow-up Plan of WS1

Task Classification





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Revision of Task 3 - To explore new technology **and collaborative platforms** in facilitating regional ANS modernization, with the involvement of ATM technology industry. (Singapore, Thailand, **China**)

Deliverable

Recommendation of new technology to be applied in ANS for the APAC region.

Progress

WS1 is trying to develop a Regional ANS System Architecture to support ANSPs in identifying and prioritizing key technologies for implementation. The draft Architecture had been presented in WS1 group meeting in Hong Kong in Dec 2025.



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Revision of Task 4 - To create collaborative platforms in new technology for cross-border trials, to facilitate regional ANS modernization, with the involvement of ATM technology industry, **including providing implementation support on MIP capabilities for APAC.** (China, Thailand, Singapore)

Deliverable

A platform in new technology
for cross-border trials.

Progress

ATMB shared the experiences in implementation collaboration ATFM in APAC Northeast region in WS1 group meeting in Hong Kong in Dec 2025.



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Revision of Task 7 - To encourage ANSPs to share experiences and best practices in ANS systems planning, procurement, implementation, maintenance and whole-life management. (APAC Regional Office, Thailand) **(completed, OUTCOME integrated into the other tasks)**

Deliverable

ANSPs in the AAC to share their experience from system implementation in subsequent AAC forums and/or other relevant meetings or forums

Progress

AEROTHAI report in AAC 6 meeting in July 2026.



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Revision of Task 9 - To take stock on the guidance materials available from ICAO APAC and CANSO related to ANS systems, and consolidate a library of guidance materials with classification, that could facilitate ANSPs to make reference in their planning, procurement and implementation of ANS systems. (APAC Regional Office, Hong Kong China)

Deliverable

An e-library of guidance materials with classification.

Progress

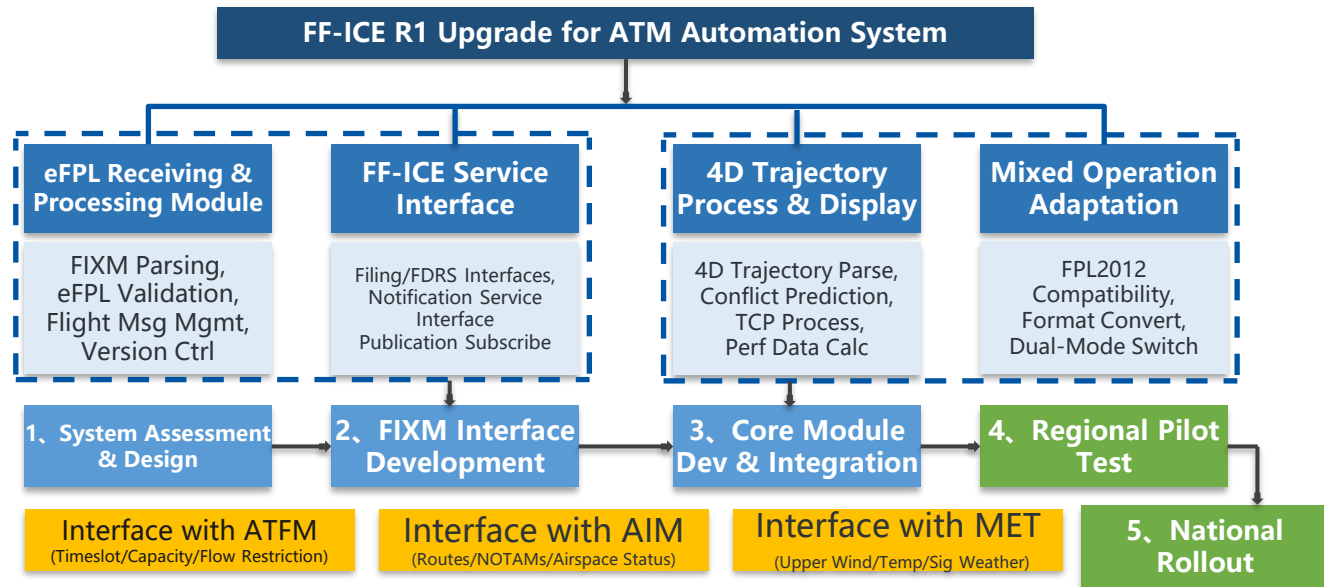
Hong Kong China have passed the document list together with attachments to ICAO APAC, for posting at its web site.

Continue to update.

New Task 1 proposed by China & Singapore - To provide support for FF-ICE R1 planning & implementation. **Planning & Design**

Deliverable

A guidance material for relevant ANS system design to support FF-ICE R1



Example: FF-ICE R1 Implementation Path for ATM Automation System



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New Task 2 proposed by China - To promote operation and maintenance experience sharing.

Operation &
Maintenance

Deliverable

Regular experience-sharing workshops

- Sharing experience on transition
- Sharing experience on common equipment failures
- Problem-solving with full business chain thinking
- Cross-department collaborative operation coordination mechanism
- SOP operation & maintenance experience sharing
- Emergency troubleshooting rapid response cases
-



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New Task 3 proposed by China - To support implementation of digital tower solutions.

Planning & Design

Deliverable

Regional
implementation
roadmap for APAC
digital tower





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On-going Tasks of WS1

Planning & Design

Task 3: To explore new technology and collaborative platforms in facilitating regional ANS modernization, with the involvement of ATM technology industry.

Task 4: To create collaborative platforms in new technology for cross-border trials, to facilitate regional ANS modernization, with the involvement of ATM technology industry, including providing implementation support on MIP capabilities for APAC.

Task 10 (new): To provide support for ANS system design to suprt FF-ICE R1

Task 12 (new): To support implementation of digital tower solutions

Procurement Execution

Task 8: To draft a common ANS system procurement checklist for ANSP consideration in APAC region.

Task 9: To take stock on the guidance materials available from ICAO APAC and CANSO related to ANS systems, and consolidate a library of guidance materials with classification, that could facilitate ANSPs to make reference in their planning, procurement and implementation of ANS systems.

Operation & Maintenance

Task 11 (new): To promote operation and maintenance experience sharing.

Experience Exchange

Task 2: To handle capacity building and technical assistance among ANSPs.

Task 7: To encourage ANSPs to share experiences and best practices in ANS systems planning, procurement, implementation, maintenance and whole-life management.

Thank You

