



Agenda Item 4: Report on the progress and deliverables of GESEA and its subgroups

PROGRESS OF SG3-ATFM SINCE SAM/IG/33

(Prepared by SG3 ATFM Coordinator)

SUMMARY

This Working Paper presents the status of implementation of the actions assigned to GESEA SG3 since SAM/IG/33, highlighting the main results achieved, the deliverables developed, and the activities planned to complete the implementation of the SAM ATFM Portal.

Additionally, progress related to the Portal ATFM SAM, BRISA, regional documentation, cross-border ATFM coordination, the development of regional indicators, and the training activities conducted during the 2025–2026 period are described.

References:

- International Civil Aviation Organization (ICAO). Doc 9971 – Manual on Collaborative Air Traffic Flow Management (ATFM). Latest edition.
- International Civil Aviation Organization (ICAO). Doc 4444 – Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM). Latest edition.
- South American Airspace Study and Implementation Group (GESEA). Reports of the GESEA SG3 Meetings.
- ICAO South American Regional Office. GESEA 2026 Work Programme – Regional Project RLA/06/901.
- Final Report of SAM/IG/33.

1. Background

1.1 During the Thirty-Third Meeting of the SAM Implementation Group (SAM/IG/33), GESEA SG3 was assigned several actions aimed at strengthening the implementation of the ATFM service in the SAM Region, with emphasis on the harmonization of procedures, the development of collaborative tools, the enhancement of regional coordination, and the digital transformation of ATFM processes.

1.2 To address these actions, GESEA SG3 developed a structured work programme through specialized Working Groups and Ad Hoc Groups, enabling the parallel execution of activities related to

regional documentation, Demand-Capacity Balancing (DCB) planning, Cross-border ATFM coordination, BRISA enhancement, and the development of the SAM ATFM Portal.

1.3 The activities were carried out with the participation of specialists from the States of the SAM Region, under the coordination of GESEA SG3 and with the support of the ICAO South American Regional Office and Regional Project RLA/06/901.

1.4 The purpose of this Working Paper is to present to the Meeting the status of implementation of the actions assigned to GESEA SG3 since SAM/IG/33, highlighting the main deliverables developed, the benefits achieved, and the activities planned for the consolidation of ATFM services in the SAM Region.

2. Analysis

2.1 Actions Assigned by SAM/IG/33

2.2.1 Since the conclusion of SAM/IG/33, GESEA SG3 has focused its efforts on implementing the actions prioritized by the Meeting, directing its activities toward the following strategic areas:

- a) consolidation of the SAM ATFM Portal;
- b) strengthening of BRISA;
- c) updating the regional ATFM documentation;
- d) development of the Cross-Border ATFM Manual;
- e) strengthening the regional Demand-Capacity Balancing (DCB) process;
- f) development of regional performance indicators;
- g) organization of workshops and training activities; and
- h) strengthening technical cooperation among the States.

2.2 Implementation Strategy

2.2.1 In order to ensure the implementation of the assigned actions, GESEA SG3 maintained the organizational structure approved by GESEA, distributing the activities among the following specialized teams:

GROUP	MAIN CONTRIBUTIONS
WG DOCS	Updating the regional ATFM documentation
WG PLAN DCB	Regional Dashboard, performance indicators, ATFM Daily Plan (ADP), and demand-capacity monitoring
WG <i>Cross-border</i>	Cross-border ATFM Manual and regional operational coordination
Ad Hoc Group BRISA	Strengthening BRISA, Extraordinary BRISA, and enhancement of the collaborative process
Ad Hoc Group on the SAM ATFM Portal	Development, implementation, and evolution of the SAM ATFM Portal

2.2.2 This organizational structure enabled the simultaneous development of multiple regional projects and optimized the use of the technical capabilities available within the participating States.

2.3 General Overview of Progress

2.3.1 During the period between SAM/IG/33 and SAM/IG/34, GESEA SG3 concentrated its efforts on consolidating the main regional deliverables.

2.3.2 As a result, significant progress was achieved in the implementation of the SAM ATFM Portal, the integration of BRISA into the platform, the updating of regional documentation, the completion of the Cross-Border ATFM Manual, the enhancement of regional performance indicators, and the execution of training activities aimed at supporting the implementation of ATFM services within the States of the SAM Region.

2.3.3 These achievements represent the continuation of the modernization process promoted by GESEA SG3 and constitute the foundation for the next phase of operational consolidation planned for the period following SAM/IG/34.

2.4 Status of the Actions Assigned to GESEA SG3

During the period between SAM/IG/33 and SAM/IG/34, GESEA SG3 carried out the activities established in its Work Programme, fulfilling the actions assigned by the Ninth GESEA Plenary Meeting. The main achievements are described below.

2.4.1 GESEA/9 Action 11 – Analysis of Interoperability between COMPASS and the SAM ATFM Portal

2.4.1.1 In accordance with GESEA/9 Action 11, the BRISA Ad Hoc Group participated in technical meetings promoted by the ICAO South American Regional Office to analyze the operation of the COMPASS system (formerly known as CADENA – CANSO ATFM Data Exchange Network for the Americas, later CADENA OIS) and identify opportunities for collaborative operation with the SAM ATFM Portal.

2.4.1.2 The analysis confirmed that both platforms have complementary objectives and may coexist in a coordinated manner while preserving the regional governance established for the SAM ATFM Portal. It also identified that future interoperability may be implemented through automated information exchange mechanisms whenever technically and operationally feasible.

2.4.1.3 As a result of this work, SG3 prepared a Working Paper presenting a comparative analysis of both platforms and proposing the continuation of interoperability studies.

Results Achieved

- a) Comparative study between the Portal and COMPASS completed.
- b) Interoperability opportunities identified.
- c) Working Paper submitted to **SAM/IG/34**.

Status: Completed.

2.4.2 GESEA/9 Action 12 – Strengthening BRISA and Procedures for Extraordinary Meetings

2.4.2.1 In response to GESEA/9 Action 12, the BRISA Ad Hoc Group analyzed the development of a model template for extraordinary meetings.

2.4.2.2 During the course of the work, and considering the functional evolution of the SAM ATFM Portal, the Group concluded that the tools incorporated into the Portal—particularly the messaging module, information exchange capabilities, and coordination records—eliminate the need for a separate template.

2.4.2.3 Consequently, the Group recommended adopting a meeting minutes template to record the decisions made during extraordinary teleconferences, thereby simplifying documentation and avoiding duplication of records.

2.4.2.4 This solution strengthens BRISA as a regional collaborative process and promotes the use of the Portal as the single environment for operational information exchange.

Results Achieved

- a) Procedure for Extraordinary BRISA defined.
- b) Replacement of the template by a meeting minutes model.
- c) Integration of the process into the SAM ATFM Portal.

Status: Completed.

2.4.3 GESEA/9 Action 13 – Analysis of ATFM Regulatory Requirements

2.4.3.1 GESEA SG3 initiated an analysis of the regulatory requirements related to the implementation of ATFM services in the SAM Region, taking into account the proposed amendments to ICAO Annex 11 and PANS-ATM.

2.4.3.2 As part of this work, regional regulatory documents were analyzed, including RAP 311 of the Peruvian DGAC, as well as possible support mechanisms through the Regional Safety Oversight Cooperation System (SRVSOP).

2.4.3.3 The preliminary results will provide guidance for future initiatives aimed at strengthening the regulatory framework applicable to ATFM units in the Region.

Results Achieved

- a) Regional regulatory analysis initiated.
- b) Regulatory references identified.
- c) Lines of work defined for the next phase.

Status: In progress.

2.4.4 GESEA/9 Action 14 – Strengthening ATFM Daily Plan (ADP)

2.4.4.1 In order to promote the use of ADP by all South American States, SG3 fostered the development of specific functionalities within the SAM ATFM Portal to support the preparation, updating, and dissemination of the ADP.

2.4.4.2 During the SAM ATFM Portal Implementation Workshop, held in Lima from 11 to 15 May 2026, the States conducted practical exercises using this functionality and verified the benefits of centralizing pre-tactical planning within a single collaborative platform.

2.4.4.3 The incorporation of the ADP into the Portal reduces manual activities, facilitates the dissemination of information, and strengthens the regional demand-capacity planning process.

Results Achieved

- a) ADP functionality is implemented in the Portal.
- b) Functionality validated during the Lima Workshop.
- c) Initial use by the States.

Status: Under implementation.

2.4.5 GESEA/9 Action 15 – Regional Schedule for the Implementation of the SAM ATFM Portal

2.4.5.1 The Regional Workshop held in Lima represented the main milestone in the transition of the Portal from the development stage to pre-operational implementation.

2.4.5.2 In compliance with GESEA/9 Action 15, GESEA SG3 developed the regional schedule for implementing the SAM ATFM Portal during the 2026–2027 period.

2.4.5.3 The schedule includes the pre-operational phase (“Trial operations”), training activities, monitoring of implementation by each State, the designation of national administrators, and continuous technical support.

2.4.5.4 Planning was also initiated for the operational phase and for future activities aimed at incorporating new users, including airline representatives, in coordination with IATA.

Results Achieved

- a) Regional schedule approved.
- b) Trial operations phase conducted.
- c) Implementation plan defined – **Appendix A**.
- d) Studies initiated for the incorporation of external users.

Status: Completed.

2.5 Results Achieved

2.5.1 The activities carried out by GESEA SG3 since SAM/IG/33 made it possible to fulfil the main actions assigned by GESEA, consolidating significant progress toward the implementation of the SAM ATFM Portal and strengthening collaborative ATFM management in the SAM Region.

2.5.2 The main results achieved include:

- a) validation of version 2.0 of the SAM ATFM Portal;
- b) commencement of the pre-operational phase (“Trial operations”);
- c) progressive integration of BRISA and the ATFM Daily Plans (ADPs) into the Portal;
- d) consolidation of the Cross-border ATFM Manual;
- e) strengthening of regional indicators and training activities; and
- f) definition of the regional implementation schedule for the 2026–2027 period.

2.6 Status of Implementation of the Actions

The status of implementation of the actions assigned to GESEA SG3 is presented below:

GESEA/9 ACTION	STATUS
11 – Portal–COMPASS interoperability	Completed 
12 – Extraordinary BRISA	Completed 
13 – ATFM regulation	In progress 
14 – ATFM Daily Plans (ADPs)	Under implementation 
15 – Portal implementation schedule	Completed 

2.7 Next Steps

2.7.1 For the 2026–2027 period, GESEA SG3 will focus its activities on:

- a) completing the pre-operational implementation of the SAM ATFM Portal;
- b) initiating the transition to the operational phase;
- c) strengthening the use of the Portal for BRISA, ADPs, and regional indicators;
- d) completing the ATFM regulatory studies;
- e) assessing the progressive incorporation of external users, in coordination with IATA; and
- f) continuing the studies on interoperability with collaborative platforms.

2.8 Benefits for the SAM Region

2.8.1 The progress achieved strengthens the implementation of ATFM services in the SAM Region through:

- a) harmonization of regional procedures;
- b) increased collaborative information exchange;

- c) digitalization of operational processes;
- d) strengthened technical cooperation among the States; and
- e) availability of a common platform to support collaborative decision-making.

2.9 Conclusions

2.9.1 GESEA SG3 fulfilled the main actions assigned by GESEA since SAM/IG/33, achieving significant progress in the implementation of the SAM ATFM Portal.

2.9.2 The results achieved consolidate the transition of the Portal toward the operational phase and strengthen collaborative ATFM management in the SAM Region.

2.9.3 The continuation of the activities planned for the 2026–2027 period will make it possible to complete the implementation of the Portal, expand its use, and advance its integration with new users and other collaborative platforms.

3. Suggested Actions

3.1 The Meeting is invited to:

- a) take note of the progress achieved by GESEA SG3;
- b) recognize the contribution of the Subgroup to strengthening the implementation of ATFM services in the SAM Region;
- c) endorse the implementation schedule of the SAM ATFM Portal for the 2026–2027 period;
- d) support the continuation of GESEA SG3 activities to complete the pre-operational implementation and advance toward the operational phase of the Portal;
- e) support the consolidation of the operational implementation of the SAM ATFM Portal as a collaborative platform for the SAM Region; and
- f) promote the continuation of studies related to automation, interoperability, and operational information exchange among international collaborative platforms.

APPENDIX A**WORK PLAN FOR THE IMPLEMENTATION OF THE SAM ATFM PORTAL****2026–2027 Period****1. Objective**

The objective is to complete the pre-operational implementation of the SAM ATFM Portal during 2026 and initiate its transition to the operational phase in 2027, strengthening collaborative coordination among the States of the SAM Region.

2. Work Plan

PERIOD	ACTIVITY	RESPONSIBLE
Aug–Dec 2026	Complete the pre-operational phase (Trial operations)	States / Ad Hoc Group on the SAM ATFM Portal
Aug–Dec 2026	Train national administrators and users	Ad Hoc Group on the SAM ATFM Portal
Aug–Dec 2026	Consolidate the use of BRISA, ATFM Daily Plans (ADPs), and chat through the Portal	Ad Hoc Group BRISA / WG PLAN DCB
Aug–Dec 2026	Monitor implementation by the States	SG3
Jan–Jun 2027	Initiate the operational phase of the Portal	States / SG3
Jan–Jun 2027	Assess the incorporation of airline users in coordination with IATA	SG3
Jan–Dec 2027	Analyze interoperability with other collaborative platforms	SG3
Jul–Dec 2027	Present the results and propose further enhancements to the Portal	SG3

3. Main Deliverables

YEAR	EXPECTED DELIVERABLE
2026	Pre-operational implementation completed
2026	BRISA and ADPs operating through the Portal
2026	States using the main Portal functionalities
2027	Beginning of the operational phase
2027	Evaluation of integration with IATA
2027	Interoperability study with other collaborative platforms

4. Follow-up

GESEA SG3 will monitor the implementation of the Work Plan through periodic meetings, training activities, and monitoring each State's implementation progress, presenting the results at the corresponding GESEA and SAM/IG meetings.