



Module 6

Strategy for CAR Region Air Navigation Regional Planning

Eddian Méndez

*ATM/SAR Regional Officer
ICAO NACC Regional Office*



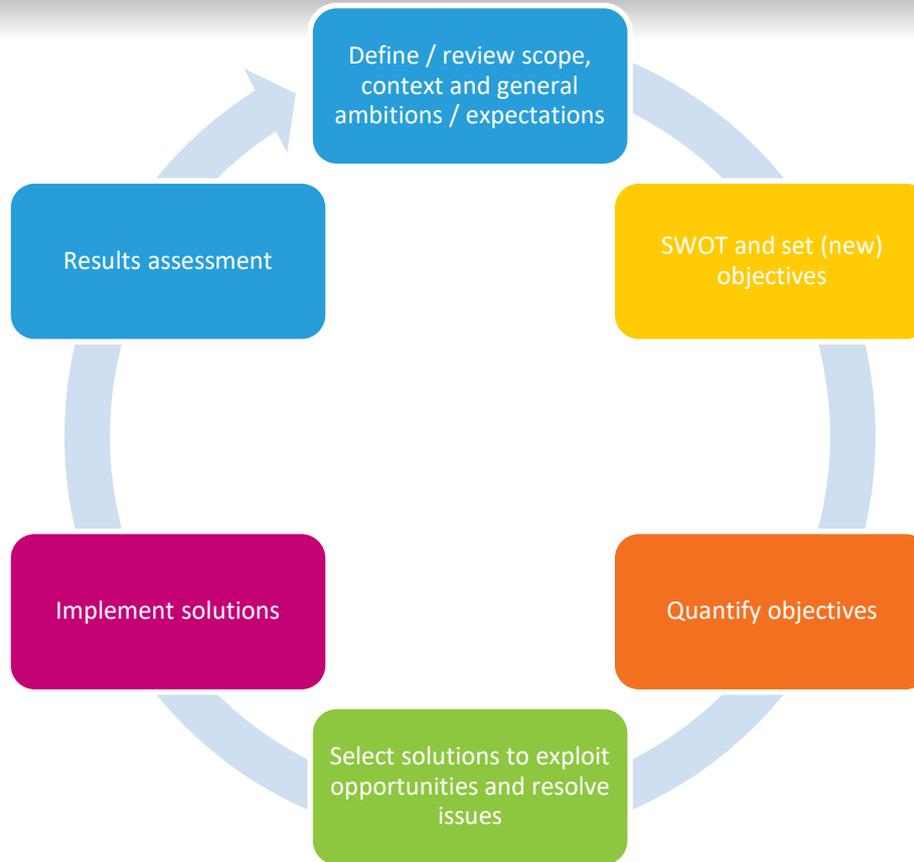
CAR Virtual workshop for the preparation of the CAR/SAM/ANP-VOL III
Online from 14 to 18 February 2022



Objectives

- ✈ Describe agreed steps for the formulation and approval of the template for the CAR/SAM ANP Volume III.
- ✈ Share ideas to propose next steps regarding the CAR Regional Planning Strategy for air navigation.





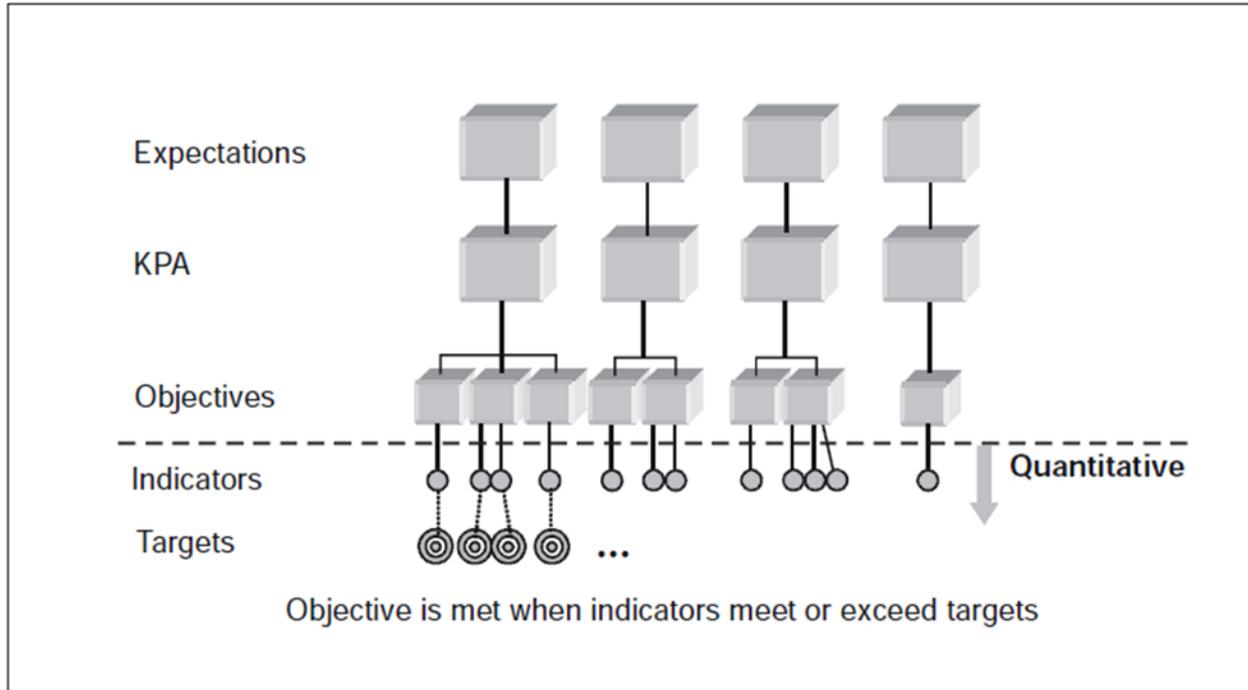


Figure II-2-1. Mapping of ATM community expectations to performance targets



ASSISTANCE FOR THE FORMULATION AND MANAGEMENT OF VOLUME III OF THE CAR/SAM ANP (REV. 5 after GREPECAS/19)

- OUTPUT** > VOLUME III of the CAR/SAM ANP aligned with the Global Air Navigation Plan (GANP) and the Aviation System Block Upgrade (ASBU) methodology.
- OUTCOME** > Implementation of ASBU elements/modules to improve air navigation performance in the CAR/SAM Regions, applying a consistent, measurable and cost-effective process.
- BENEFITS** > Airspace and Air Navigation Services (ANS): operationally safe, effective and interoperable.
Main airports: with Airport Collaborative Decision Making (A-CDM) and/or demand/capacity management.
Environment: reduction of CO2 emissions*

** To be defined: The proposal is to reduce CO2 emissions by 150,000 tons between May 2024 - May 2028, through the implementation of GANP operational threads (APTA, ACDM, FRTO, NOPS, etc.). Calculations based on IFSET.*

Abbreviations:	NNV	NACC Regional Air Navigation Officers (MA, JC, RM, LS)
	SNV	SAM Regional Air Navigation Officers (JA, RS, FS, FA)
	ANB	Air Navigation Bureau / ANB Officer Olga de Frutos (ODF)
	DRD	Regional deputy directors (OQ, JS)
	STOs	States/Territories/Organisations
	GV3	GREPECAS project for the management of Vol. III of the CAR/SAM ANP
	ANI/WG	CAR implementation group
	SAMIG	SAM implementation group
	COORD	Subproject coordinators - ATM/SAR officers (FH, EM)

See Explanatory Notes in the last Table



(6) ASSISTANCE FOR THE FORMULATION AND MANAGEMENT OF VOLUME III OF THE CAR/SAM ANP

Note. - Following the Secretariat's GANTT numbering.

Description of activities	Start	End	Responsible party	Remarks
(6.1) Regional planning concepts and methods contained in the GANP 6th ed.				
(6.1.1) Virtual meeting 1 <ul style="list-style-type: none">Review of GANP methodology and websiteGap analysis for managing KPIs and selecting ASBU elements	15 April 2021	15 April 2021	COORD NNV SNV	COMPLETED
(6.1.2) Virtual meeting 2 <ul style="list-style-type: none">Coordination for drafting and defining the contents of the Instructions to States on the implementation of the template for Volume IIIContinue ASBU implementation in the CAR and SAM Regions	16 April 2021	16 April 2021	COORD NNV SNV	COMPLETED
(6.2) Drafting of Instructions on the use of the template for Volume III of the Regional air navigation plan				
(6.2.1) Development of DRAFT Instructions, including the implementation phase	15 April 2021	7 June 2021	COORD	COMPLETED
(6.2.2) Virtual meeting 3. DRAFT validation	8 June 2021	9 June 2021	COORD NNV SNV DRDS	COMPLETED
(6.2.3) DRAFT translation and editing	11 June 2021	25 June 2021	COORD	COMPLETED
(6.2.4) Instructions approved by GREPECAS/PPRC	31 August 2021	2 September 2021	E PPRC 03	Ref. Conclusion ePPRC/03/08 item a) COMPLETED



<i>Description of activities</i>	<i>Start</i>	<i>End</i>	<i>Responsible party</i>	<i>Remarks</i>
(6.3) Workshops with States/Territories/Organisations (STOs) and preparation of final draft.				
(6.3.1) Promote / coordinate the creation of the work team in each STO, for its participation in workshops	2 September 2021	30 November 2021	DR DRD COORD	Ref. Conclusión GREPECAS 19/05 item b)
(6.3.2) Deliver CAR workshop. Initial tables prepared by STOs.	15 February 2022	17 February 2022	NNV STOs	
(6.3.3) Deliver SAM workshop. Initial tables prepared by STOs.	15 November 2021	17 November 2021	SNV STOs	CONVENED
(6.3.4) 1st feedback from industry / stakeholders IATA - CANSO - IFALPA - ACI LAC, etc.	22 February 2022	23 February 2022	DRD ANB COORD NNV SNV	
(6.3.5) Deliver CAR/SAM workshop with all STOs. Consolidation.	29 March 2022	31 March 2022	NNV SNV STOs	
(6.3.6) Follow-up to CAR/SAM workshop. Delivery of tables by STOs. Tables in final draft version prepared by STOs.	04 April 2022	06 April 2022	NNV SNV STOs	
(6.3.7) With final draft, 2nd feedback from industry / stakeholders IATA - CANSO - IFALPA - ACI LAC, etc.	11 April 2022	12 April 2022	COORD NNV SNV	
(6.3.8) Presentation of final draft for approval of PPRC/04 meeting	21 April 2022	22 April 2022	COORD NNV SNV	
(6.3.9) Final editing of tables and SP/EN translation.	2 May 2022	13 May 2022	COORD	
(6.4) Formulation of Volume III of the CAR/SAM ANP with the participation of STOs				
(6.4.1) Consolidation of draft 1.0 of Volume III of the CAR/SAM ANP. Validation by NACC RO and SAM RO.	16 May 2022	20 May 2022	COORD NNV SNV DRD	



Description of activities	Start	End	Responsible party	Remarks
(6.4.2) Submit to STOs for objections or feedback. Submit to GREPECAS for approval.	23 May 2022	27 May 2022	COORD STOs	
(6.4.3) Approval of Volume III by GREPECAS/PPRC. Submit the PFA to HQ Montreal.	6 June 2022	14 July 2022	GREPECAS /PPRC COORD	
(6.5) Formulation of the new programme/project "Management and amendment procedures of Volume III of the CAR/SAM ANP – GV3"				
(6.5.1) Formulate the draft GV3 scheme. Consensus on VOL III amendment procedures.	9 March 2022	18 March 2022	COORD NNV SNV	
(6.5.2) Consolidate the draft GV3. Edit and translate. Prepare proposal for PPRC/04 approval	21 March 2022	31 March 2022	COORD	
(6.5.3) Approval of GV3 including amendment procedures by PPRC/04.	21 April 2022	22 April 2022	PPRC/04	
(6.6) Updating or replacement of GREPECAS projects ABCDFGH				
(6.6.1) Analysis for the update or harmonization or replacement of projects ABCDFGH, to be taken over by Regional Offices (with ANIWG and SAMIG)	09 August 2022	16 August 2022	COORD NNV SNV	
(6.6.2) Validation/approval of approaches. Definition of transition process with DRDs	28 August 2022	8 September 2022	COORD NNV SNV DRDS	
(6.6.3) Draft the <u>revised or harmonized projects</u> for implementation of ASBU elements stipulated in Volume III	25 September 2022	14 October 2022	COORD NNV SNV ANIWG/SAMIG	
(6.6.4) Draft the <u>new projects</u> at the Regional Offices for the implementation of ASBU elements stipulated in Volume III	25 September 2022	14 October 2022	COORD NNV SNV ANIWG/SAMIG	



Description of activities	Start	End	Responsible party	Remarks
(6.6.5) Approval by GREPECAS of revised or harmonized or, where applicable, new projects ABCDFGH	14 November 2022	18 November 2022	GREPECAS/20	
(6.7) Preparation for deactivation of CAR /RPB-RPBANIP and SAM/PBIP				
(6.7.1) Analysis for CAR/RPBANIP deactivation. Define the approach.	16 May 2022	27 May 2022	COORD NNV	
(6.7.2) Analysis for SAM/PBIP deactivation. Define the approach.	16 May 2022	27 May 2022	COORD SNV	
(6.7.3) Validation /approval of approaches. Specify transition process with DRDs.	30 May 2022	3 June 2022	COORD DRDS	
(6.7.4) Approval by GREPECAS of RPBANIP and PBIP deactivation	6 June 2022	14 July 2022	GREPECAS /PPRC	
(6.8) Start of implementation of Volume III and project modifications, and new GV3 management. Deactivation of RPBANIP and PBIP				
(6.8.1) Start of programme/project "Management and amendment procedures of Volume III of the CAR/SAM ANP - GV3"	01 August 2022			
(6.8.2) Entry into force of Volume III of the CAR/SAM ANP	01 August 2022			
(6.8.3) Entry into force of revised or new projects ABCDFGH	After GREPECAS/20			
(6.8.4) Deactivation of RPBANIP and PBIP	01 August 2022			



MILESTONES

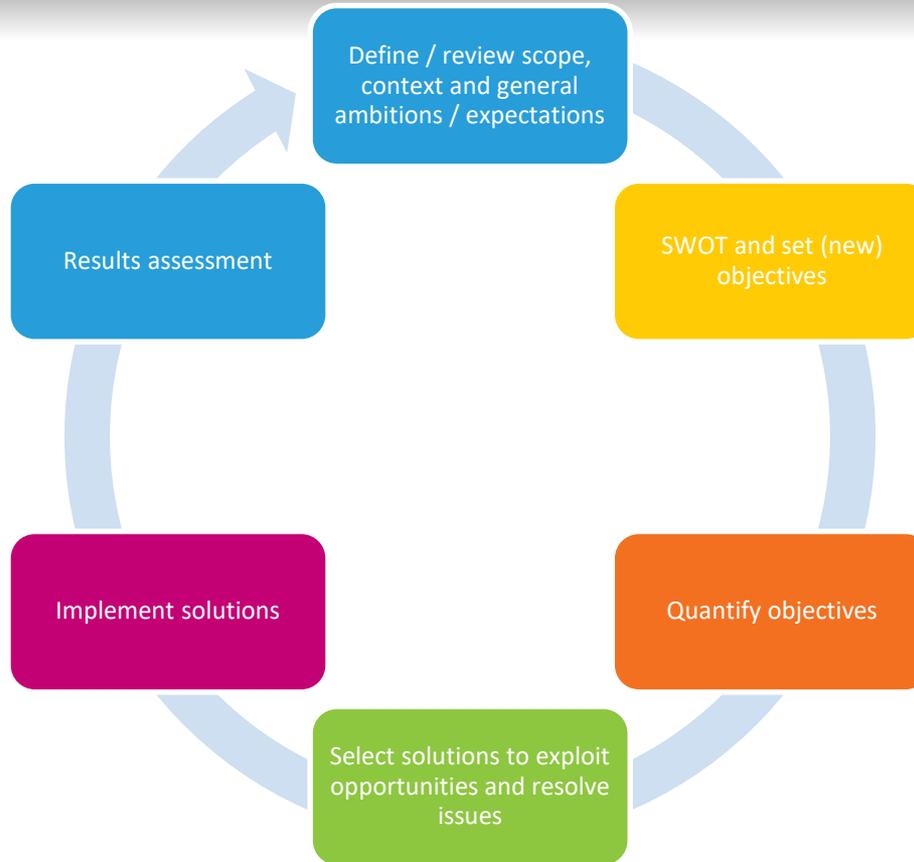
Activity	Dates	Notes
Tentative date of approval by GREPECAS/PPRC of the Instructions on the use of the template for Volume III of the Regional air navigation plan	2 September 2021	Ref. Conclusion ePPRC/03/08 item a) Immediate application
Tentative date of approval by PRCC/04 of Volume III first draft.	22 April 2022	
Tentative date of approval by PPRC/04 of the programme/project "Management and amendment procedure of Volume III of the CAR/SAM ANP - GV3"	22 April 2022	Date of application 1 August 2022
Tentative date of approval by GREPECAS of Volume III of the CAR/SAM ANP. Formalities before ICAO.	14 July 2022	Date of application 1 August 2022
Tentative date of approval by GREPECAS of the revised or new projects ABCDFGH	14 July 2022	Date of application 1 August 2022
Tentative date of approval by GREPECAS of the deactivation of RPBANIP and PBIP	After GREPECAS/19	Date of application to be decided by the meeting.



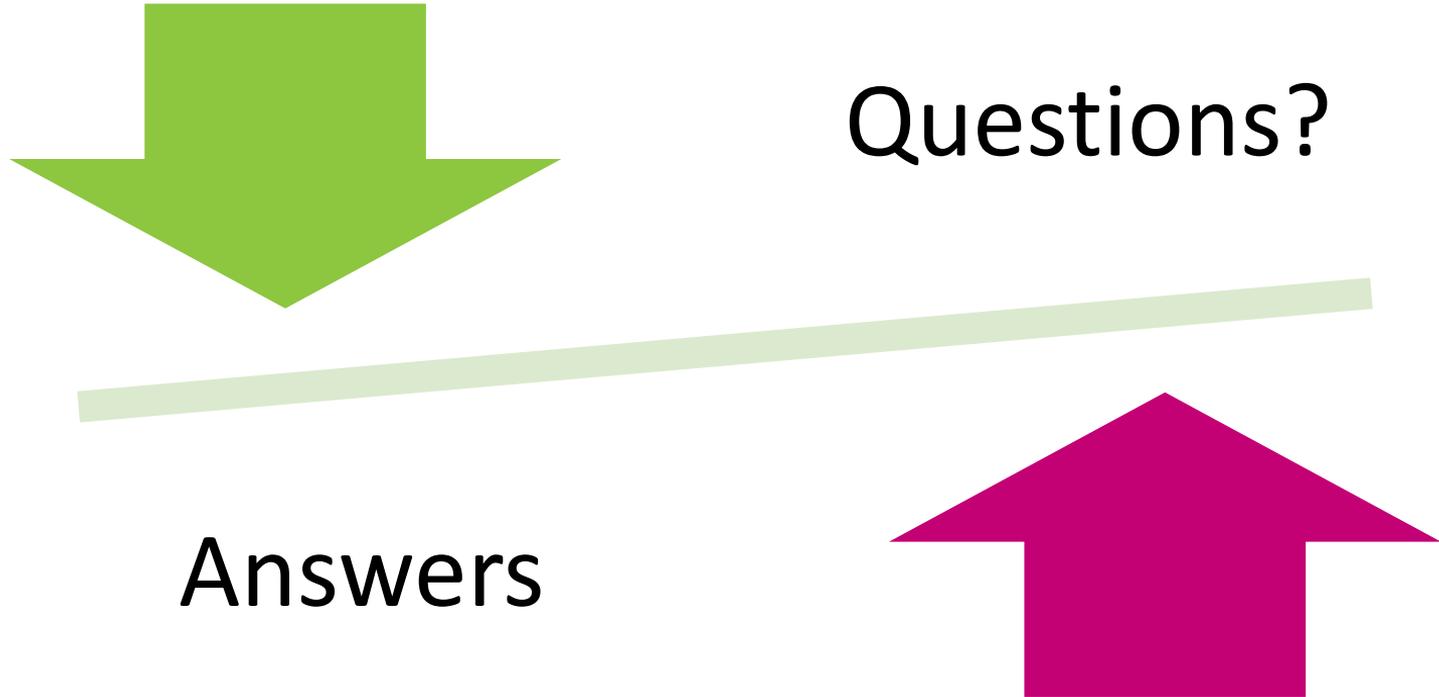
EXPLANATORY NOTES

(6.1) Regional planning concepts and methods contained in the GANP 6th Ed.	DEFINE COMMON DENOMINATORS REGARDING REGIONAL PLANNING AND THE GANP.
(6.2) Drafting of Instructions on the use of the template for Volume III of the Regional air navigation plan	ENSURE HOMOGENEOUS IMPLEMENTATION BY STATES OF THE TEMPLATE FOR VOLUME III ALIGNED WITH THE GANP.
(6.3) Workshops with States/Territories/Organisations (STOs) and preparation of final draft.	CREATE STO TEAMS, CIRCULATE THE INSTRUCTIONS IN THE CAR AND SAM REGIONS. PROVIDE TRAINING IN THE USE OF TABLES AND BUILD CAPACITIES IN MEASUREMENT OF KPIS AND/OR REGIONAL METRICS
(6.4) Formulation of Volume III of the CAR/SAM ANP with participation of STOs	FORMULATE VOLUME III BASED ON THE DELIVERABLES OF CAR/SAM STATES/TERRITORIES/ORGANISATIONS

6.5) Formulation of the new programme/project "Management and amendment procedures of Volume III of the CAR/SAM ANP – GV3"	FORMULATE THE NEW GREPECAS PROJECT FOR MANAGEMENT OF VOLUME III IN ORDER TO FACILITATE THE IMPLEMENTATION OF THE PRESCRIBED ASBU ELEMENTS AND MEASURE REGIONAL PERFORMANCE. STIPULATE VOLUME III AMENDMENT PROCEDURES.
(6.6) Update or replacement of GREPECAS projects ABCDFGH	UPDATE OR, WHERE APPLICABLE, REPLACE GREPECAS PROJECTS ABCDFGH, TO BE TAKEN OVER BY THE REGIONAL OFFICES
(6.7) Preparation for deactivation of the CAR/RPB-RPBANIP and the SAM/PBIP	PREPARE TO DEACTIVATE CAR /RPBANIP AND SAM/PBIP, COMPLETING ALIGNMENT WITH GANP
(6.8) Entry into force of Volume III and project modifications and new GV3 management. Deactivation of RPBANIP and PBIP.	ENTRY INTO FORCE OF VOL. III, DEACTIVATION OF CAR /RPBANIP AND SAM/PBIP. FULL ALIGNMENT OF CAR/SAM ANP WITH GANP 6TH ED.









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