



GREPECAS

CAR/SAM Regional Planning and Implementation Group

Aerodrome Safety and Certification Assistance Project – Phase 1

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**Fifth Meeting of the Programmes and Projects Review Committee
(PPRC/5)**

Mexico City, Mexico, 16 to 18 July 2019

Agenda Item 5.5 - P/05





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Background

- PPRC/4 Meeting challenged AGA area projects due to slow performance.
- Conclusion GREPECAS18/18 reassessed the project and join the current two F Projects into one called “Aerodrome Safety and Certification Project”
- The idea was that RST activities may be included inside the Aerodrome Certification Project to gain efficiencies.



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What we want?: Certify international aerodromes

The Problem: States are moving slow... some began but stop.

Even worst: some States haven't began

Even worst worst: some States & airports doesn't have the capabilities to begin

Current Situation – AD Certification in the SAM Region

State	No. of Intl. aerodromes CAR/SAM ANP Vol. II	Certified aerodromes	% Certified in the State
		Jun-2019	
Argentina	16	0	0%
Bolivia	3	3	100%
Brazil	29	19	66%
Chile	8	5	63%
Colombia	11	3	27%
Ecuador	4	2	50%
French Guiana	1	1	100%
Guyana	2	2	100%
Panamá	6	0	0%
Paraguay	2	0	0%
Perú	8	1	13%
Suriname	1	0	0%
Uruguay	2	1	50%
Venezuela	11	1	9%
Total	104	38	36.54%



Proposed solution – GO Teams

✈ Take advantage of the decision of PPRC to reassess the F Project, in order to take a more direct “Hand-holding” approach to support States without any aerodrome certified to initiate certification.

✈ The project will:

- ✈ Select “Pilot” Aerodromes from States with no certified aerodromes (ARG, PAN, PRY, SUR)
- ✈ Select experts from Airport (ACI) & CAA (SRVSOP) as “advisors” to the involved parties
- ✈ ICAO will ensure project management & coordination

present their Certification sub-projects	AGA 02	
Plan for initial certification Go-Teams (with support of SRVSOP and other partners/stakeholders)	PFF SAM AGA 02	TBD
Prepare guidance (in Spanish) for	PFF SAM	TBD





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PPRC/5

THE PROJECT



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Project Objectives

- ✈ The primary aim of the phase 1 of this project is to **directly support** a group of States with a small number or no certified aerodromes to **initiate and complete aerodrome certification**, in order to give them the tools to continue with this task on the rest of designated aerodromes in their State.
- ✈ The certification process must follow PANS Aerodromes proposed steps or be aligned to LAR AGA process (for SRVSOP States) and must be completed on an 18-month or less time frame for each airport.
- ✈ It should follow a common approach in order to take advantage of economy of scales and learned lessons, and all the process must be duly documented.



States with no certified aerodrome (As of Jun. 2019)

- ✈ Argentina (16 international aerodromes)
- ✈ Panama (6 international aerodromes)
- ✈ Paraguay (2 international aerodromes)
- ✈ Suriname (1 international aerodrome)

Other States with high potential (no new AD certified in last 5 years)

- ✈ Peru (only 1 out of 8)
- ✈ Ecuador (2 out of 4)
- ✈ Venezuela (1 out of 11)



Business case

Outputs

Direct assistance missions

Guidance material and models/templates for CAA and Airport

State and Operator staff trained

Outcomes

All States with at least 1 certified aerodrome

State has the know-how to continue certifying international aerodromes, per ICAO requirements.

State Oversight will be based on certification

Operator have better capabilities to operate and maintain the certified specifications (SMS implemented/started).

Benefits

Increased Safety (due to better assessment and control of risks)

Increased compliance with ICAO SARPs EI

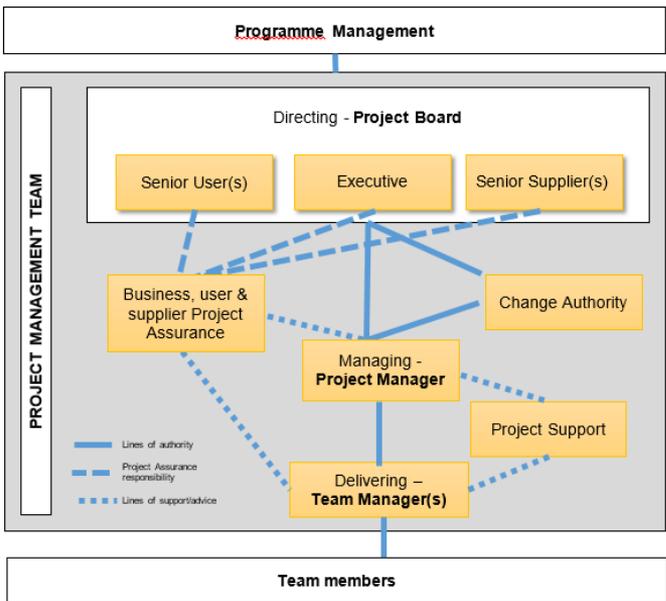
Reduced safety oversight costs (due to better oversight planning)

Better definition of investment priorities at airports

Prestige and other related benefits



Project Management Team Structure



Programme Management		GREPECAS / PPRC
PROJECT BOARD	Executive	ICAO
	Senior User	State or SRVSOP representative
	Senior Supplier	Airport or ACI representative
Project Assurance		To be determined (volunteer State(s) or International Org.)
Project Manager		ICAO SAM AGA RO
Project Support		SRVSOP and ICAO SAM AGA Assistant
Specialists as required (to be assigned as Team managers and Team Members)		<ul style="list-style-type: none"> • State counterpart • Airport Operator counterpart • State/SRV SOP regulation specialist (advisor) • Airport/ACI SMS specialist (advisor)



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Support from Donor States

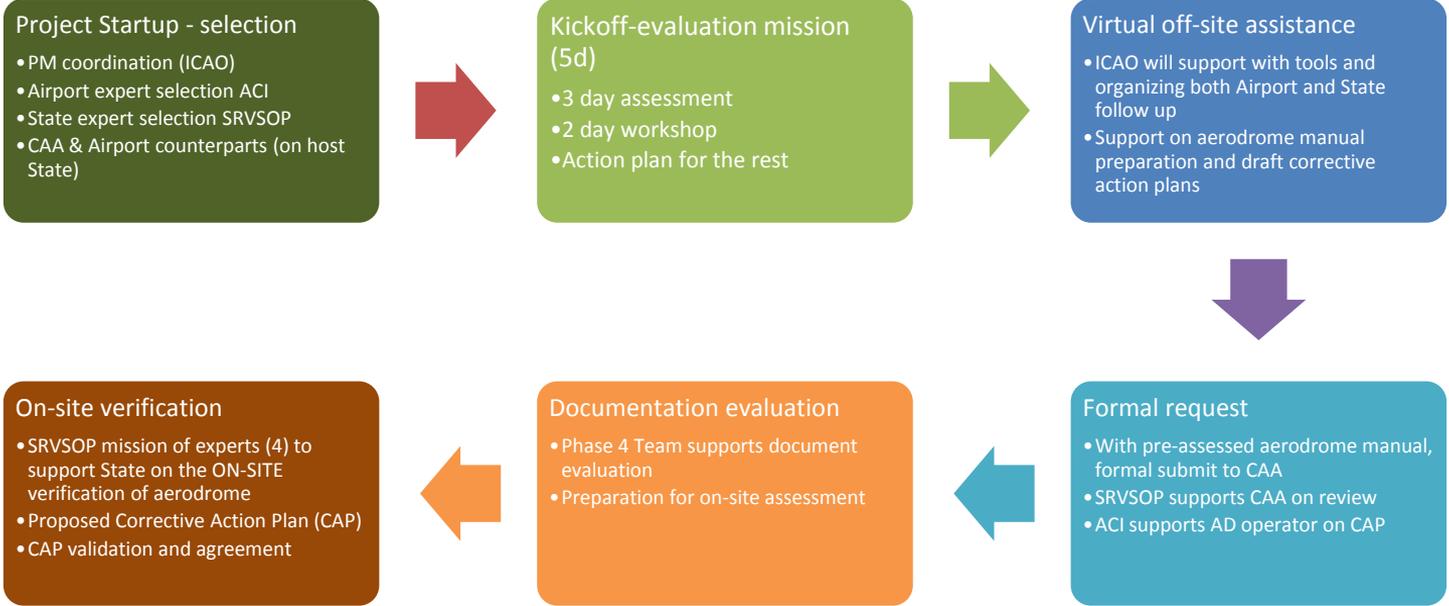
- ✈ Lack of specialists
- ✈ Trust
- ✈ Lack of training
- ✈ Accountability still under State rep





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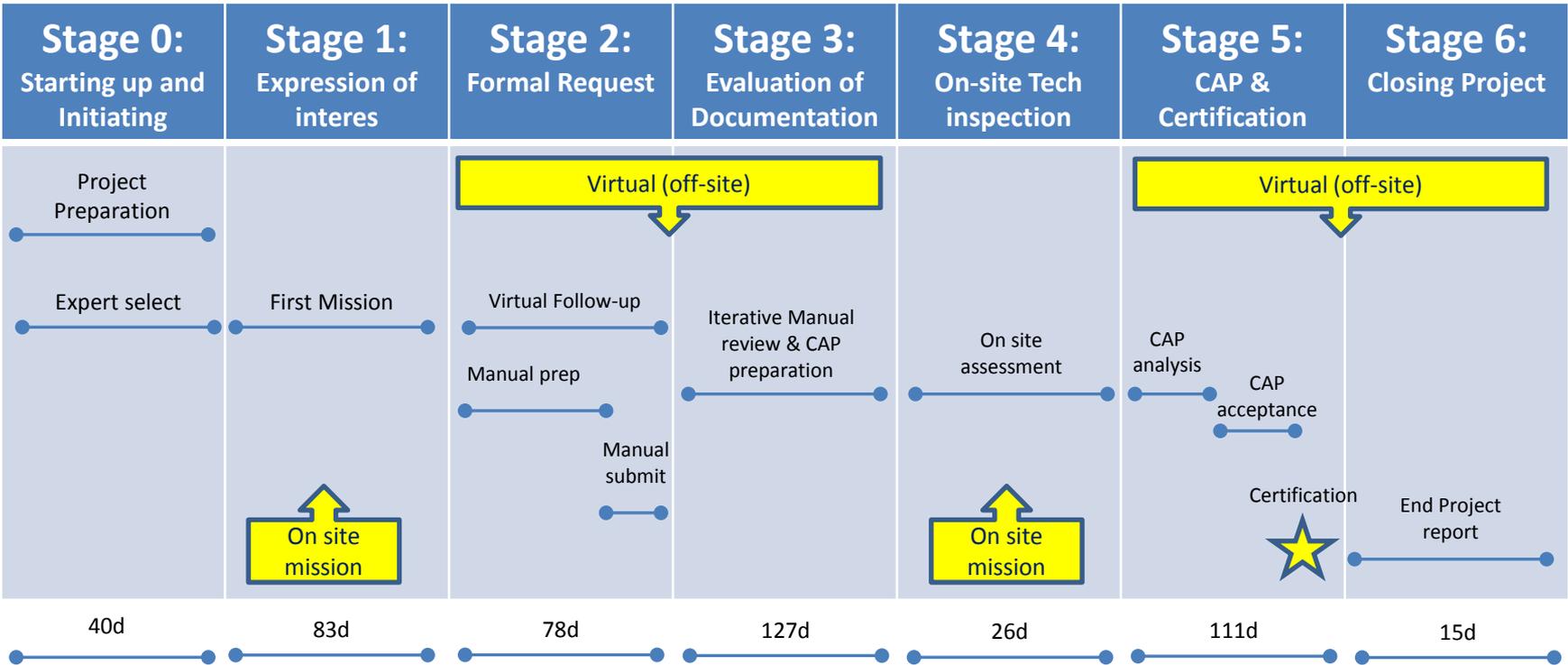




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Project Plan (16 to 18 months)





Estimate Project Budget

Item	Cost USD	Comment
Advisory services	0	Experts will be “loan” on a “pro-bono” scheme
Travel Mission 1 (Ticket+DSA) Duration: 1 week <ul style="list-style-type: none"> • 1 Airport/ACI specialist • 1 SRVSOP/State specialist • 1 ICAO PM + 1 SRVSOP Coord. 	±8000	<ul style="list-style-type: none"> • Mission to initiate certification activities (Phase 1) • Initial on-site assessment • Closing session/workshop
Travel Mission 2 (Ticket+DSA) Duration: 1 week <ul style="list-style-type: none"> • 1 Airport/ACI specialist • 1 SRVSOP/State specialist • 4 State Inspectors 	±12000	<ul style="list-style-type: none"> • Mission to do on-site validation of Aerod. Manual (Phase 5 AD Cert) • OJT to State inspectors • Initial CAP development
Aprox Total (+5% risk budget)	±20000	



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THANK YOU!