



Enhancing Technical Cooperation Activities in Collaboration with Regional Offices

Briefs by Regional Directors

Thursday 30 September 2021



APAC



States in APAC Region with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Brunei Darussalam	Aerodromes Area - Aerodrome Certification of the International Airport	Mr. Pg Rasman bin Pg Sulaiman Aerodrome Inspector, DCA rasman.sulaiman@dca.gov.bn	Several meetings held. Follow up - TCB and APAC Office
India	Aerodromes Area – Validation of Aeronautical Study for Transmission line Towers - Srinagar Airport INDIA	Mr. Ankur Vashishtha Vice President- Projects Sterlite Power Ankur.vashishtha@sterlite.com	Follow up the Initial discussion took place in June 2021 – TCB and APAC Office
Lao PDR	Safety Oversight area - Technical support in the areas of FS, ANS, AGA, LEG	Mr. Soukxhongthong Voraphet Director of Air Transport Division, DCA, Lao PDR souk_voraphet@yahoo.com	Coordination established with DCA LAO PDR mid-August. Follow up - TCB, APAC RO and COSCAP-SEA



States in APAC Region with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Pakistan	Aviation Security Area - Consultancy of ICAO TCB on Aviation Security Equipment to Pakistan CAA	Mr. Junaid Akhter, Snr. Addl. Director CNS (Nav. Aids), HQCAA Junaid.Akhtar@caapakistan.com.pk	Follow up by TCB and organize the initial meeting. Last contact mid September 2021
Thailand	Aerodrome Infrastructure - Study on Suvarnabhumi Airport Capacity Enhancement, beneficiary, Airports of Thailand (AOT)	Mr. Pradtha Udayasen, Engineering Specialist pradtha.u@airportthai.co.th	Complete TCB’s on-going discussion (7 month long) with Airports of Thailand early



States or grouping of States in APAC Region with projected/confirmed upcoming & important aviation investments (i.e. *new infrastructure, implementation of air navigation plans, equipment purchase etc...*) which can be potential leads for TCB

State/Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
Bhutan (more CASP-AP Member States to follow when/if project is proven successful)	Procurement of licences for security screener training and certification software	Cooperative Aviation Security Programme – APAC (CASP-AP) Programme Coordinator/ Senior Aviation Security Advisor	Coordination between TCB and CASP-AP



Potential partner organizations & multilateral financial institutions in APAC Region to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
Asian Development Bank (ADB)	Funding deployment of i-Packs	Michelle Apostol mapostol@adb.org , Rui Liu, ruiliu@adb.org	SPCP continues to coordinate formulating the legal basis for partnership (MoU)
Indonesia	COVID-19 Aviation Safety Risk Management Training for CAAs course	Council Delegation, Indonesia	GAT/TCB to finalize the delivery to 22 States (PSIDS and LDCs) in APAC
Malaysia	Funding deployment of i-Packs	Council Delegation, Malaysia fchin@icao.int	SPCP/TCB to follow up
UNDP	Aviation support to Afghanistan	Mr. Patrick Haverman Head (Partnerships and External Relationships), UNDP patrick.haverman@undp.org	TCB and APAC RO to continue the initial discussion of UNDP with the APAC Office



ESAF



ESAF States with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Rwanda	<ul style="list-style-type: none"> • Airport/ANSP development support • Capacity building • Evaluate extension of E-Passport project. 	Silas Udahemuka (DG Rwanda CAA)	Bilateral meeting planned for week of 4/10/21 starting with GAT and
Uganda	<ul style="list-style-type: none"> • CAA capacity building • Strengthening of Oversight system • Restoration of East African Civil Aviation Academy, Soroti • Kabaale Airport development project. 	Fred Bamwesigwe (DG Uganda CAA)	Continue ICAO/TCB discussions with Representative of Uganda to ICAO and Uganda CAA management asap.
Malawi	<ul style="list-style-type: none"> • CAA capacity building • Establishment of State Oversight system • Support vaccination certificate issuance 	DG Malawi DCA	Develop project proposal highlighting inherent challenges and benefits of the assistance. SADC secretariat to be involved for resource mobilisation
Lesotho	<ul style="list-style-type: none"> • CAA capacity building • Establishment of State Oversight system • Support/guidance vaccination on certificate issuance. 	DG Lesotho	Develop proposal highlighting inherent challenges and benefits of the assistance. The outcome of ESAF consultancy done in 2019 will inform the inherent issues.
South Sudan	<ul style="list-style-type: none"> • CAA capacity building • Establishment of State Oversight system. 	David Subek (DG South Sudan CAA)	Develop proposal highlighting inherent challenges and benefits of the assistance and joint EAC CASSOA (RSOO) collaboration



State(s) or grouping of States in ESAF with projected/confirmed aviation investments

State/Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
Angola	<ul style="list-style-type: none"> Improvement of State oversight systems and airport compliance 	DG Angola CAA and Ministry of Transport	Consolidate discussions on proposed project.
EAC States of Burundi, Kenya, Rwanda, Tanzania, South Sudan and Uganda	<ul style="list-style-type: none"> Development of UAS requirements Guidance to issuance of Vaccine certificates/CAPSCA support together with CAM Support establishment of Unified Upper FIR. 	EAC CASSOA and EAC Secretariat	Initiate discussion on potential projects, partnerships and resources mobilisation
Namibia	<ul style="list-style-type: none"> Strengthening of State oversight system 	DG Namibia and Ministry of Transport.	Discussion on extension of current TCB project.
Federal Government of Somalia	<ul style="list-style-type: none"> Establishment/operationalisation of the State Oversight System and CAA. 	DG Somalia CAA	Discussion on extension of current TCB project to support the establishment of CAA.
AFI/MID States	<ul style="list-style-type: none"> Enhancement of air traffic growth and harmonization of processes in line with outcomes of the Air transport symposium 	EASF/MID/WACAF Regional Offices	Continue ROs discussions on the possible implementation of the project.
Comoros/Madagascar/Mauritius and Seychelles	<ul style="list-style-type: none"> Enhance State oversight systems under Small Island (Indian Ocean) initiative 	State nominated officers	Continue ROs discussions on potential project and resources mobilisation.
14 SADC States	Strengthening the operationalisation of SASO RSOOs that covers 14 SADC States	SASO Executive Director and SADC Secretariat	Initiate discussions on the project proposal and potential resources.



Potential partner organizations & multilateral financial institutions in ESAF Region to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
African Development bank (AfDB)	Donations, grants and Loans to States	Vice President and Aviation expert	Discussions with AfDB on possible partnerships and resources
Africa Exim Bank	Donations, grants and Loans to States	TBD	Discussions with bank on possible partnerships and mobilize resources
East African Development Bank	Donations, grants and Loans to States	Ms Vivian Apopo (ED EADB)	Discussions with the bank on possible partnerships and support to mobilize resources
EU and EASA	Donations, grants and joint project support especially for RSOOs and challenged States LLC and Island States.	ESAF/WACAF ROs, AFCAC/ EU delegation at ICAO, and AFI Plans	Discussions with the bank on possible partnerships and support to mobilize resources
African Union Commission/NEPAD	Donations, grants and joint project support especially for infrastructure development, and Regional projects	ESAF/WACAF/EUR/NAT, MID regional Offices, AFCAC/AUC	Continued discussion with AUC and NEPAD in the framework of existing MoCs
France/Portugal	Donations, grants and joint project support especially for French speaking and Portuguese speaking and Indian Ocean States	ESAF Regional Office and States focal points	Re initiate discussions on the support from the two States including Spain for support to Equatorial Guinea



New iPacks opportunities – ESAF Region

iPacks	Recipient States	Donor organizations
International Aerodrome oversight strengthening	Namibia, Uganda, Djibouti, Malawi, Comoros, Madagascar and Angola.	PCR-IVF/States
Safety Management enhancement.	All States with EI above 60% except Rwanda which has attained SSP level 4	SAFE Fund supporting States
National aviation security quality assurance programme	Identified States based on USAP-CMA results or those identified by AFI SECFAL Plan secretariat.	AVSEC Fund supporting States



EURNAT



States in EUR/NAT with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step
Kyrgyzstan	ANS	Gulnara Kubatbekovna SHYRDAKBAEVA Legal and External Relations Sector, Head Civil Aviation Authority E-mail: g.shyrdakbaeva@caa.kg	Sending a letter to propose TCB support
Kazakhstan	ORG, AIG, AGA	Peter GRIFFITHS Aviation Administration of Kazakhstan, Director General E-mail: enquiries@aaq.kz	Sending a letter to propose TCB support
Uzbekistan	OPS, AIG, AGA	Tolib ULJAEV Civil Aviation Agency of Uzbekistan, Director E-mail: caa@uzcaa.uz	Sending a letter to propose TCB support
Turkmenistan	OPS, AIG, ANS	Merdan AYAZOV Turkmenhowayollary State Civil Aviation Department, Chief Executive E-mail: aviahead@online.tm	Sending a letter to propose TCB support
Azerbaijan	AIG, AGA	Arif MAMMADOV State Civil Aviation Administration, Director E-mail: hq@caa.gov.az	Sending a letter to propose TCB support
Tunisia	AGA, ORG, PEL, OPS, ANS	Habib MEKKI Direction Générale de l'Aviation Civile, E-mail: habib.mekki@transport.state.tn	Sending a letter to propose TCB support
Algeria	AIG, ORG, LEG	Aicha BOUROUIS Direction de l'aviation civile et de la météorologie, E-mail: bourouis_f@yahoo.fr	Sending a letter to propose TCB support
Morocco	LEG, OPS, AGA	Zakaria BELGHAZI Directeur Général de l'Aviation Civile z.belghazi@aviationcivile.gov.ma	Sending a letter to propose TCB support
Albania	AIG, LEG, AIR, AGA	Edlira KRAJA Albanian Civil Aviation Authority, Executive Director E-mail: Edlira.Lici@aca.gov.al	Sending a letter to propose TCB support
North Macedonia	ORG, AIG	Tomislav TUNTEV Civil Aviation Agency, Director General E-mail: ttuntev@caa.gov.mk	Sending a letter to propose TCB support
Bosnia and Herzegovina	AIG, ORG, LEG	Cedomir SUSNJAR Acting Director General of BHDCA Directorate of Civil Aviation E-mail: bhdca@bhdca.gov.ba	Sending a letter to propose TCB support
Armenia	PEL, OPS, AIG, AGA	Tatevik REVAZYAN Chair Civil Aviation Committee of the Republic of Armenia E-mail: tatevik.revazyan@gdca.am	Sending a letter to propose TCB support



States in EUR/NAT with projected/confirmed upcoming & important aviation investments (i.e new infrastructure, implementation of air navigation plans, equipment purchase etc...) which can be potential leads for TCB

State	Investment scope/objective	Contact	Proposed next steps
Turkey	In addition to the existing 3 runways at Istanbul Airport , the construction of 3 runways, a control tower, terminal and additional works are ongoing.	Kemal YÜKSEK Acting Director General E-mail: kemal.yukse@shgm.gov.tr	Sending a letter to propose TCB support
Poland	New Central Polish Airport- The Solidarity Transport Hub or Central Communication/Transport Port (Polish: <i>Centralny Port Komunikacyjny, CPK</i>) is a megaproject of the Government of Poland aimed at the construction of a new, built-from-scratch airport. The planned launch of the port is 2027. At first the airport is to have two runways, but ultimately four.	Piotr SAMSON Civil Aviation Authority, President (DGCA) of the CAA E-mail: psamson@ulc.gov.pl	Sending a letter to propose TCB support
Ireland	North runway and parallel taxiway of Dublin airport is being constructed and expected to open soon.	Fintan TOWEY Department of Transport, Director General of Civil Aviation E-mail: fintantowey@transport.gov.ie	Sending a letter to propose TCB support
Sweden	The development plans of the Stockholm Arlanda Airport include a number of different projects to increase terminal capacity. More aircraft parking stands will be built, together with a consolidation center for all shops and restaurants. A new pier in Terminal 5 will also be built.	Jonas BJELVENSTAM General Director Swedish Transport Agency E-mail: luftfart@transportstyrelsen.se	Sending a letter to propose TCB support



Potential partner organizations & multilateral financial institutions in EUR/NAT to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
European Commission EASA	Financing of projects, iPACKs etc Be a transmission link – Service delivery Service delivery	Economic and Financial Affairs – Durector Air P. Cornelis Exec Dir P. KY	Telecon to introduce TCB and propose a meeting
European Bank for Reconstruction and Development	Financing of projects, iPACKs etc	Email: secretarygeneral@ebrd.com	Sending a letter to introduce TCB and propose a meeting
Asian Development Bank	Financing of projects, iPACKs etc	https://www.adb.org/	Sending a letter to introduce TCB and propose a meeting
United Nations Development Programme	Financing of projects, iPACKs etc	Istanbul Regional Hub registry.irh@undp.org	Sending a letter to introduce TCB and propose a meeting
Council of Europe Development Bank (CEB)	Financing of projects, iPACKs etc	https://coebank.org/en/contact/	Sending a letter to introduce TCB and propose a meeting



MID



States in the ICAO MID Region with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Kuwait	<ul style="list-style-type: none">As part of their OPAS project, requested the recruitment of an additional expert in ANS.Reported the need for assistance:<ul style="list-style-type: none">✓ to develop a NASP✓ for SSP implementation✓ in Environment Protection (SAP & CORSIA)✓ Development and Implementation of National Regulations and Policies related to Drones/UASs and Cybersecurity	Kuwait DGCA	iPack for NASP ASRM iPack GAT Course for CORSIA (CCR) Explore the possibility of inclusion of these subjects in the next revision of the Agreement between TCB and DGCA Kuwait



State	Immediate need in which field/activity	Contact	Proposed next step(s)
Saudi Arabia	<ul style="list-style-type: none">OPAS Project “ICAO/TCP-SAU/97/801” includes currently 35 established OPAS positions (5 posts under process and 9 Vacant)Reported the need for assistance to prepare for the next USAP-CMA and USOAP-CMA audits, as well as for the training of GACA Safety Inspectors.	GACA Saudi Arabia	Continue coordination with GACA and promote TCB services to reply to their needs
Sudan	<ul style="list-style-type: none">Reported the need for assistance for SMS implementation for the ANSP; and need for training/capacity building for SCAA Safety Department personnel (including development of necessary guidance material) and for ATCOs and AVSEC/FAL.	Sudan CAA	Continue coordination with SCAA and promote TCB services to reply to their needs



State	Immediate need in which field/activity	Contact	Proposed next step(s)
Libya	<ul style="list-style-type: none"> To reactivate the Project LBY/20/801, which was suspended due to COVID pandemic. 	LCAA	<p>Continue coordination with LCAA and promote TCB services to reply to their needs</p> <p>N.B. UNDSS travel restrictions</p>
Jordan	<ul style="list-style-type: none"> GSI/OPS Course to qualify 6 to 8 Inspectors. 	CARC Jordan	<p>Coordination for the delivery of a GSI/OPS Course</p>
Iran	<ul style="list-style-type: none"> Training regarding Aerodrome safety Hiring of a Consultant/Expert on risk assessment and mitigation solution for Joint Civil/Military airports. 	CAO Iran	<ul style="list-style-type: none"> Deployment of Aerodrome Restart iPack and other GAT courses on Aerodromes Follow-up with CAO Iran for the hiring of a Consultant through TCB <p>N.B. Sanctions</p>



State	Immediate need in which field/activity	Contact	Proposed next step(s)
Yemen	<ul style="list-style-type: none">Reported the need for assistance/training and capacity building in all areas (Safety, Air Navigation, Aerodromes, Security and Environment)	CAMA Yemen	Need for Resource Mobilization to support Yemen through the delivery of GAT Training Courses and iPacks. N.B. UNDSS travel restrictions
Syria	<ul style="list-style-type: none">Reported the need for assistance/training and capacity building in Safety, ATC and Security; and assistance for the evaluation/assessment of current situation (gap analysis), and development of an Action Plan with the implementation of necessary actions for the preparation of the on site USOAP Audit.	CAA Syria	Continue coordination with CAA Syria and promote TCB services to reply to their needs. N.B. UNDSS travel restrictions



States or grouping of States in the MID Region with projected/confirmed upcoming & important aviation investments (i.e *new infrastructure, implementation of air navigation plans, equipment purchase etc...*) which can be potential leads for TCB

State/ Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
Iran	<ul style="list-style-type: none">Purchase/procurement ATM automated system for the ACCPurchase/procurement of ATM automated system for Approach/TMA Tehran The system(s) should include a software supporting the management of reserved areas and implementation of FUA	CAO Iran	Follow-up with CAO Iran for the procurement of these systems through TCB N.B. Sanctions
Sudan	<ul style="list-style-type: none">Air Navigation Infrastructure upgrade and completion of the airspace restructuring project	SCAA	Follow-up with SCAA for the procurement of these systems through TCB



State/ Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
Yemen	<ul style="list-style-type: none">• Normalization of the Civil Aviation System in Yemen:✓ AIR-GND and GND-GND COM✓ Create new Sub-Centre (ACC) in Aden✓ NAV aids OPS at airports✓ Provision of MET services at the airports✓ Provision of AIM products and services, including publication of Yemen AIP✓ Aerodromes (RWY & TWY rehabilitation, power supply, Luggage Conveying System, Rehabilitation of air freight area, Fire Fighting, etc)✓ Aviation Security✓ Environment	CAMA Yemen	Need for Resource Mobilization to implement such a project for Yemen. N.B. UNDSS travel restrictions



States or grouping of States in the MID Region with projected/confirmed upcoming & important aviation investments (i.e *new infrastructure, implementation of air navigation plans, equipment purchase etc...*) which can be potential leads for TCB

State/ Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
MENA RSOO Member States	<ul style="list-style-type: none"><li data-bbox="285 585 1338 726">Recruitment of Experts to support the activities of the MENA RSOO (safety Oversight and SSP/SMS Implementation)	Saudi Arabia, ICAO MID Office and ACAO	Follow-up with Saudi Arabia for start of operation of the MENA RSOO



Potential partner organizations & multilateral financial institutions in ICAO MID Region to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
States in the MID Region (Kuwait, Qatar, Saudi Arabia and UAE)	MID FPP, MENA RSOO, Capacity building projects for other MID States in support of MID NCLB	Heads of Civil Aviation	
States from outside the MID Region (Canada, China, France, Germany, Korea, Russian Federation, Singapore, UK, USA)	MID FPP, MENA RSOO, Capacity building projects for other MID States in support of MID NCLB	Concerned States through SPCP	
Financial Institutions (AfDB, World Bank, IMF, etc)	Capacity Building Projects	Through SPCP	
Revenue Generation activities	Sponsorship	Sponsors from the Industry	



NACC



State(s) in NACC (NAM/CAR Regions) with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Barbados	Study on transition to CAA	Mrs. Tracey Forde-Bailey, Director of Civil Aviation, Barbados civil.aviation@Barbados.gov.bb Tracey.Forde-Bailey@barbados.gov.bb	TCB/FOS (Connie Morales) already engaged
Barbados	Project for the establishment of a CAA	Mrs. Tracey Forde-Bailey, Director of Civil Aviation, Barbados civil.aviation@Barbados.gov.bb Tracey.Forde-Bailey@barbados.gov.bb	Wait for the result of the IPAV project (above)
Curaçao	Development of a roadmap to strengthen the CAA and to establish a Training Centre	Mr. Cliff C. Belfor MBA Aviation Specialist, Professional Management Consulting Global cbelfor@pmcglobal.cw	GAT (Jose Riveros) already engaged
Haiti	Hiring of a Project Manager to assist in a project with France	Mr. Jacques Boursiquot Advisor, OFNAC jacques.boursiquot@ofnac.gouv.ht	TCB/FOS (Javier Sánchez) already engaged
United States	In coordination with NACC RO for funding more iPacks for Central American States and E/CAR States - PHC	Mrs. Krista Berquist Manager, Western Hemisphere Office, Federal Aviation Administration krista.Berquist@faa.gov	TCB to follow up with NACC on this discussion with FAA



Potential partner organizations & multilateral financial institutions in NACC (NAM/CAR Regions) to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
IADB	Funding iPacks for Haiti and Bahamas	Mr. Christopher Persaud Transport Senior Specialist Inter-American Development Bank chrisp@iadb.org	SPCP (Georgios Paltakis) already engaged
World Bank	Funding and potentially in-kind resources to support ECCAA	Dr. Charles E. Schlumberger Lead Air Transport Specialist World Bank/Infrastructure cschlumberger@worldbank.org	SPCP (Georgios Paltakis) already engaged
BCIE	Funding for Central American States	Mr. Randall Hooker Senior Regional Projects Specialist Banco Centroamericano de Integración Económica hookerr@bcie.org	SPCP/TCB to contact
USTDA	Target States are Central America, Mexico, Dom Rep and some English speaking Caribbean States	Mr. Nathan Younge Regional Director, Latin America & Caribbean U.S. Trade & Development Agency nyounge@ustda.gov	SPCP to continue this coordination



SAM



Overview

Active TC Projects:

- 26 National + 1 in pipeline in 10 States
- Forecast execution: 33%
- 3 Regional

Challenges:

- Financial issues, due to COVID-19
- Legal and management constraints

Airport master plans

Civil Aviation Master Plan

CNS and ATM Systems

Obstacle, terrain modeling (GIS)

API/PNR, PKD, e-Passport

Screening equipment testing



Interamerican Development Bank

Promote regional integration and strengthen Value Chains

- Improving airport infrastructure and maintaining high safety and security standards
- Implementing harmonized protocols (PHC and iPacks)
- Maintaining a stable and transparent institutional framework

Digital transformation

- Digitalization of air cargo (exports and imports)
- Active participation in the trade facilitations committee, involve airports in pilots for digital solutions applied to regional value chains

Woman empowerment

- Increase representation of women in technical and leadership position in aviation
- Pilot programs with airlines and airports

Climate change resilience

- Leverage the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) in the region, support the production, regulation and implementation of biofuels



Argentina

Active TC Projects:

- Five (05)
- ANAC, AirF, EANA and MP
- Tentative budget 2021: USD152Mill.

Challenges:

- National projects cannot be deployed due to a legal issue.
- Financial Issues

Action:

- High level outreach

Needs:

Update Airport master plans (regional survey)

Studies for the optimization of CNS / ATM interoperability

Technical advice for the implementation and certification of the QMS / AIS-AIM in the Authority and the Service Provider (EANA)

Implement: Courses on obstacle survey technique, Course on Digital Terrain Model, and GIS course.

Advice to identify best practices for the use of API and PNR data (FAL)

Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Bolivia

Active TC Projects:

- One (01)
- DGAC
- Tentative budget 2021: USD2.4Mill.

Challenges:

- Institutional and management limitations.
- Financial issues (COVID- 19).

Action:

- High level outreach

• Needs:

- Advice to organize the start-up of the ATS surveillance service and ATM systems automation.
- **Update Aerodrome master plan (regional survey)**
- Technical advice to complete the implementation process of the OPMET message exchange in IWXXM format
- Technical advice to complete the implementation and certification of the QMS / AIS-AIM)
- Technical advice to start the process of Phase 2 of the Transition from AIS to AIM (TOD, DDS, e-AIP, AIM Data Catalogs, Aeronautical Information Exchange Standard Model) and course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- **Implement: Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course**
- **Support for the issuance of electronic passports.**
- **Advice to apply to the PKD.**
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Brasil

Active TC Projects:

- None

Challenges:

- Legal issues for ANAC
- Financial issues (COVID- 19).

Action:

- Continue the outreach with SAC and identify specific projects



Chile

Active TC Projects:

- None

Challenges:

- Financial issues (COVID- 19).

Needs: Update Aerodrome Master Plans (regional survey)

Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course

Course focused on e-AIP, Standard Model of Information Exchange and DDS construction

Advice to apply to the PKD

Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Colombia

Active TC Projects:

- One (01)
- Delegation of Colombia
- Tentative budget 2021: USD65k.

Challenges:

- Legal and management issues.
- Financial issues (COVID- 19)

Action:

- State should address legal limitations

Needs:

Technical advice to complete the process of implementation and certification of the QMS / MET and exchange of OPMET messages in IWXXM format

Technical advice to complete the implementation of the QMS / AIM certification.

Implement: Courses on obstacle survey technique, Course on Digital Terrain Model, and GIS course.

Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Ecuador

Active TC Projects:

- One (01)
- DGAC
- Tentative budget 2021: USD400K.

Challenges:

- Financial issues.
- Resource management issues.

Actions:

- State has contacted TCB in the past week

Needs:

- Assistance and / or development of CAMP
- Updating, acquisition and maintenance of CNS / ATM equipment.
- Advice on strengthening the institutionality of the DGAC
- Update Aerodrome master plans (regional survey)
- Advice on OPMET messages exchange in IWXXM format
- Technical advice to start the process of Phase 2 of the Transition from AIS to AIM and course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Guyana

Active TC Projects:

- One (01)
- GCAA
- Tentative budget 2021:
None.

Challenges:

- Financial issues (COVID- 19).
- CAA and Board coordination

• Needs:

- Assistance on implementing CAMP (BID)
- Strengthening of operational safety for the helicopters operation.
- National plan or strategy for the use of airports
- Update Airport master plan (regional survey)
- Technical advice on OPMET messages exchange in IWXXM format
- Technical advice to start the process of Phase 2 of the Transition from AIS to AIM (TOD, Standard Model of Information Exchange, DDS, e-AIP, AIM Data Catalogue) and course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Support for the implementation of electronic passports
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Panama

Active TC Projects:

- Four (04)
- AAC Panama (03) y AIT
- Tentative budget 2021(+): USD 51.5Mill.

Challenges:

- Financial issues (COVID-19)

Action:

- Prospective projects in discussion

- Needs:

- Assistance and / or development of CAMP
- Advice on optimized ATS delivery, airspace design based on PBN and ATFM implementation.
- Studies for the optimization of CNS / ATM interoperability
- Update Aerodrome master plans (regional survey)
- Course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course.
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Paraguay

Active TC Projects:

- Two (02)
- DINAC
- Tentative budget 2021: USD103.4Mill.

Challenges:

- Political issues.
- Resource Management issues

Action:

- Prospective projects in discussion

• Needs:

- Assistance and / or development of CAMP
- Update Aerodrome master plans (regional survey)
- Technical advice on OPMET messages exchange in IWXXM format
- Course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Advice to apply to the PKD
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Peru

Active TC Projects:

- Ten (10)
- DGAC, CORPAC, Migra and RREE
- Tentative budget 2021: USD32Mill.

Challenges:

- Political issues.
- Resource Management issues.

Action:

- Ensure current projects

Needs:

- Technical advice on OPMET messages exchange in IWXXM format
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Suriname

Active TC Projects:

- None

Challenges:

- Financial issues (COVID- 19).
- Management issues

Action:

- High level outreach

• Needs:

- Assistance and / or development of CAMP
- Support for the implementation and acquisition of electronic passports
- Technical advice on OPMET messages exchange in IWXXM format
- Course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Advice to apply to the PKD
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Uruguay

Active TC Projects:

- One (1)
- DINACIA
- Tentative budget 2021: USD1Mill.

Challenges:

- Political issues
- Resource Management issues
- Financial issues (COVID-19)

Needs:

- Updating, acquisition and maintenance of CNS / ATM equipment.
- Advice on institutional strengthening framework of DINACIA
- Acquisition of systems that ensure the improvement of air traffic management in the oceanic area, including communications
- Technical advice on OPMET messages exchange in IWXXM format
- Course focused on e-AIP, Standard Model of Information Exchange and DDS construction
- Course on obstacle survey technique; Courses on Digital Terrain Models; GIS course
- Advice to apply to the PKD
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.



Venezuela

Active TC Projects:

- One (1) (+)
- INAC
- Tentative budget 2021:
None.

Challenges:

- Political issues.
- Financial issues (COVID-19)

Action:

- State use of overseas
resources

(+) One project in pipeline on strengthening
of INAC Management

• Needs:

- Advice to the INAC to develop competencies for the design and manufacture of aircraft (*).
- Technical advice on OPMET messages exchange in IWXXM format
- Advice to implement API and PNR (FAL)
- Advice to apply to the PKD
- Advice to develop the terms of reference for the acquisition, maintenance and performance testing of security screening equipment required in Annex 17.

(* INAC initiative and included in the new project.



WACAF



WACAF States with identified/immediate Technical Cooperation needs (“low hanging-fruit”)

State	Immediate need in which field/activity	Contact	Proposed next step(s)
Liberia	<ul style="list-style-type: none"> CAA Capacity Building Airport/ANSP development support 	Ministry of Transport/ECOWAS/AfDB	Develop proposal highlighting inherent challenges and benefits of the assistance and coordinate a meeting with the State
Sierra Leone	<ul style="list-style-type: none"> Strengthening of Oversight system Improvement of Airport infrastructure 	DG CAA/Ministry of Transport/ECOWAS/AfDB	Develop proposal highlighting inherent challenges and benefits of the assistance and coordinate a meeting with the State
Guinea Bissau	<ul style="list-style-type: none"> CAA capacity building Procurement of security equipment 	Ministry of Transport /UEMOA/BOAD	Develop proposal highlighting inherent challenges and benefits of the assistance and coordinate a meeting with the State
Sao Tome & Principe	<ul style="list-style-type: none"> CAA capacity building Improvement of Airport infrastructure 	Ministry of Transport	Initiate discussion on potential projects, partnerships and resources mobilisation
Chad	<ul style="list-style-type: none"> CAA capacity building Improvement of Airport infrastructure 	Ministry of Transport	Initiate discussion on potential projects, partnerships and resources mobilisation



State(s) or grouping of States in WACAF with potential/projected/confirmed aviation investments (1/2)

State/Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
Guinea	<ul style="list-style-type: none"> CAA Capacity Building Airport/ANSP development support 	DG CAA and Ministry of Transport	Initiate discussion on potential projects, partnerships and resources mobilisation
Robert FIR (Guinea, Sierra Leone, Liberia)	<ul style="list-style-type: none"> ANSP development support 	ECOWAS/Ministries of Transport	Initiate discussion on potential projects, partnerships and resources mobilisation
ASSA - AC	<ul style="list-style-type: none"> Strengthening RSOO Capacity 	ECCAS	Discussion on extension of current PASTACO project.
ACSAC/URSAC	<ul style="list-style-type: none"> Strengthening RSOO Capacity 	UEMOA	Discussion on the current PASTACO Project
ECOWAS and its member States	<ul style="list-style-type: none"> Study on the enhancement of airports infrastructure 	ECOWAS/AfDB	Discussions on the continuation of the PASTA Project
UEMOA	<ul style="list-style-type: none"> Establishment of Runway Safety Teams at international airports 	UEMOA/AfDB	Discussions on the continuation of the PASTA Project



State(s) or grouping of States in WACAF with potential/projected/confirmed aviation investments (2/2)

State/Grouping of States	Investment scope/objective	Contact	Proposed next step(s)
WACAF States (24)	<ul style="list-style-type: none"> Re-engineering of aeronautical telecommunication network (AFISNET) 	ASECNA NAMA Nigeria Ghana CAA Roberts FIR Cabo Verde Democratic Republic of the Congo Sao Tome and Principe	Follow up on discussions on partnerships and resource mobilisation
AFI/MID States	<ul style="list-style-type: none"> Enhancement of air traffic growth and harmonization of processes in line with outcomes of the Air transport symposium 	EASF/MID/WACAF Regional Offices	Continue ROs discussions on the possible implementation of the project.
Cabo Verde and Sao Tome and Principe	<ul style="list-style-type: none"> Enhance State oversight systems under Small Island (Indian Ocean) initiative 	State nominated officers	Continue ROs discussions on potential project and resources mobilisation.



Potential partner organizations & multilateral financial institutions in WACAF Region to collaborate on ICAO Technical Cooperation activities

Partner Organization/ multilateral financial institution	Potential Scope for partnership/funding	Contact	Proposed next step(s)
African Development bank (AfDB)	Donations, grants and Loans to States	Vice President and Aviation Expert	Discussions with AfDB on possible partnerships and resources ICAO/AfDB MoC
EU and EASA	Donations, grants and joint project support especially for RSOOs and challenged States LLC and Island States.	ESAF/WACAF ROs, AFCAC/ EU delegation at ICAO, and AFI Plans	Discussions with the bank on possible partnerships and support to mobilize resources
African Union Commission/NEPAD	Donations, grants and joint project support especially for infrastructure development, and Regional projects	ESAF/WACAF/EUR/NAT, MID regional Offices, AFCAC/AUC	Continued discussion with AUC and NEPAD in the framework of existing MoCs
Brazil/Portugal	Donations, grants and joint project support especially for Portuguese speaking States	WACAF Regional Office and States focal points	Re initiate discussions on the support from the two States

New iPack opportunities

iPacks	Recipient States	Donor organizations
Aviation Safety Risk Management related to COVID-19 for CAAs	Ghana, Cabo Verde, Gabon, Togo, Cameroon, Burkina Faso, Mali, Senegal	TBD
Strengthening National Air Transport Facilitation Committees for the Restart and the Resilience of Civil Aviation	Senegal, Niger, Togo, DRC, Cameroon, Côte d'Ivoire, Nigeria	TBD
COVID-19 Aviation Security Quality Control Oversight	Equatorial Guinea, Mali, Guinea Bissau, RCA, Congo, DRC, Chad, Nigeria	TBD
Aerodrome Restart	Guinea, Liberia, Sierra Leone, Sao Tome, Chad, The Gambia, Guinea Bissau	TBD
Establishing a Public Health Corridor	Gabon, Chad, Cameroon, Congo, DRC, RCA, Equatorial Guinea, Sao Tome & Principe	EASA
Improving the Quality of NOTAM for safe Flight Operations	ASECNA, NAMA, RVA, GCAA, Robert FIR	



END