



DP 02 - ATTACHMENT B2 :

AERODROME CERTIFICATION –ESAF REGION

PROJECT PROPOSAL

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1. **Group of States:** Eight (8) Eastern and Southern African States (Angola, Mozambique, Namibia, Rwanda, Seychelles, Uganda, Swaziland and Zambia)
 2. **Project No.:** ESAF /2016/004
 3. **Project Title:** Assistance in the certification of 8 international Aerodromes
 4. **Project Duration:** 12 months
 5. **Implementation Agency:** ICAO
 6. **Source of Funding:** AFI Plan
 7. **Estimated budget:** US\$ 72,886

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A. Project justification

1. The Ministerial Conference on Aviation Safety in Africa held in Abuja, Nigeria, from 16 to 20 July 2012, adopted specific and measurable aviation safety targets in order to enhance safety standards in the region. One of these safety targets is for States to certify all International Aerodromes by the end of December 2015.
2. The Sixteenth meeting of the AFI Plan Steering Committee (Montreal, November 2015), the Twentieth Meeting of the Africa-Indian Ocean Planning and Implementation Regional Group (Yamoussoukro, Côte d'Ivoire, November / December 2015) and the Third meeting of the AFI Regional Aviation Safety Group (Yamoussoukro, Côte d'Ivoire, December 2015), all raised great concern over the slow progress in the certification of aerodromes. Given that only about 23% of international aerodromes have been certified so far by States in the entire AFI Region and that moreover, the certification of some of these airports did not in fact follow the appropriate national and international procedures, the above meetings further agreed, amongst other things, that at least 45% of international aerodromes be certified by the end of 2016.
3. Furthermore the **Sixteenth Meeting of the AFI Plan Steering Committee** directed the **AFI Plan Secretariat** to implement appropriate projects in priority areas including aerodromes certification and within the context of the "**No country left behind**" initiative. In this regard, eight priority States were identified for assistance in the certification of one international aerodrome.
4. The States to be assisted and Airports to be certified were selected based on the following criteria listed in order of priority:
 - a) States that have not certified any of their aerodromes and have attained an overall Effective Implementation (EI) level above 60%. Such States are expected to already have in place the necessary regulatory framework for certification.
 - b) States below 60% overall EI that are yet to certify any aerodrome but have already started the process.
 - c) States that have certified at least one airport, have demonstrated capacity in this respect and are therefore considered the least priority and may instead provide expertise to support the project (such States are however expected to continue their certification exercise as maybe required).
5. Based on the above criteria, the following Airports/States constitute the scope of this project: Quatro de Fevereiro/Angola, Manzini/Swaziland, Maputo/Mozambique, Kutako/Namibia, Kigali/Rwanda, Seychelles international/Seychelles, Entebbe/Ugandaand Lusaka/Zambia)

B. End of Project Status/ Target / Overall Objective

1. By the end of the project, all the international airports falling within the scope of the project will have been certified.
2. Implementation Strategy:
 - 2.1. A two-day launching meeting to be attended by DG CAAs and CEOs of airports of Beneficiary States, donor States, as well as Regional Organizations (CASSOA, SASO, AFCAC, ATNS, ACI, SADC, EAC, etc.) will be convened at the ICAO Regional Office in Nairobi, Kenya. The purpose of this meeting will be to sensitize States on the objectives of the project, adopt the project document and get the commitment of top management.
 - 2.2. Following the launching of the project and before deployment of Experts for implementation assistance, one aerodrome certification workshop will be conducted in order to:
 - a) Provide briefing and orientation for the experts and project team on the project strategy

- b) Develop capacity for and familiarize personnel of targeted States with the certification process.
 - c) Prepare individual certification programmes for the targeted States/airports.
- 2.3. Project team composition:
- a) Expert of the ICAO Regional Office
 - b) Experts from States that have certified at least one airport in the region (Ethiopia, Kenya, South Africa, etc.),
 - c) Aerodromes Experts from AFI-CIS.
 - d) ACI-APEX and RST Go-Teams
- 2.4. ICAO will identify 4 resource-Experts (2 regulatory and 2 operational) from States that have already certified at least one aerodrome, with demonstrated capabilities to assist other States. Furthermore, RSOOs, AFI-CIS and ACI will provide additional expertise to support these resource-experts under the guidance and monitoring of the Regional Office.
- 2.5. One aerodrome certification workshop will be conducted for the benefit of the CAA and airport personnel of the targeted States. At the beginning of this workshop, the project team will be briefed and oriented on the project strategy. The aim of the workshop being to familiarize the resource Experts and the technical personnel of participating States involved in the aerodrome certification process with procedures and tools developed and implemented by States that have already certified an airport.
- 2.6. Following the workshop, States will develop and submit their action plan (including the implementation of the APEX review recommendations if any, and for aerodromes which have not had such reviews, an APEX review mission shall be planned and conducted) to ICAO for review. The implementation of these plans will be monitored remotely by ICAO, RSOOs, ACI, AFI-CIS and the resource-Experts. Once the implementation of these action plans is completed, the Experts will conduct a 3-days on-site mission in each State, for a final preparedness review prior to the certification inspection.
- 2.7. The resource-Experts from CAAs will assist States certification process through 5-day missions to each beneficiary State. Finally, a 2-day wrap up mission will be conducted by RO/AGA in each State at the end the whole process.

C. Major Elements

Objective 1	Assist ESAF States in the certification process of their international aerodromes	
Key Performance indicator (s)	<i>Certification of 8 international aerodromes in ESAF States by the end of 2016</i>	
Result 1.1	A two-day launching meeting held at the ICAO Regional Office in Nairobi	
Activity #	Description	Actors
1.1.1	Issue invitation letters to beneficiary States (DG CAAs, Airports Authorities) as well as States providing resource experts and Regional Organizations to the project-launching meeting and follow up as required.	✓ ICAO
1.1.2	Hold the project launching meeting	✓ ICAO , ESAF States and Airports

Result 1.2 Workshop on the aerodrome certification process		
<i>Activity #</i>	<i>Description</i>	<i>Actors</i>
1.2.1	Plan and organize one workshop in English	ICAO – Host States
1.2.2	Hold the resource experts briefing session	ICAO
1.2.3	Conduct the 5-d English workshop in Nairobi, Kenya.	ICAO– Resource experts
Result 1.3 Monitoring and final review of the implementation of States action plans		
<i>Activity #</i>	<i>Description</i>	<i>Actors</i>
1.3.1	Submit action plans for certification to ICAO for review.	States
1.3.2	Monitor progress in the implementation of action plans	ICAO, Resource experts, RSOOs, ACI, AFI CIS
1.3.3	Conduct a 3-day mission to each State for final review and assistance as may be required	ICAO, Resource experts, RSOOs, ACI, AFI CIS
Result 1.3 Certification of the targeted aerodromes		
<i>Activity #</i>	<i>Description</i>	<i>Actors</i>
1.3.1	Assist States in the conduct of certification audits.1 Expert per State, 5 days per State	Resource experts (from CAAs), AFI CIS, RSOOs/COSCAPs
1.3.2	Conduct a 2-day project wrap up visit to each beneficiary State	ICAO

D. Inputs:

1. Input from States

- 1.1 **Counterparts:** Aerodrome certification focal points designated by each CAA and Airport operators will provide assistance in coordination, development and implementation of the State action plan. The national stakeholders will comprise CAAs, airport operators, ANSPs, Handling companies, fuel providers, other government agencies, etc. for the development and implementation of the action plan. Additionally, four experts, called resource-experts in this document, (two from CAAs and two from Airport Operators) to be identified by ICAO will be seconded by States that have already certified at least one international aerodrome to assist in the implementation.
- 1.2 **Support staff:** CAAs will provide ICAO with support staff if necessary.
- 1.3 **Workshops:** Nairobi ICAO Regional Office will host the start-up meeting and workshop and will provide facilities (meeting room, catering, transportation and access to aerodrome and documentation ...) free of charge to the project. Each State will cover the costs involved with the participation of its national focal points in the start-up workshops (airfare, per diems, visas etc.)
- 1.4 **Office(s):** Each State will provide suitable working tools (telephone, internet, printer, meeting room etc.) for on-site activities.
- 1.5 **Transport:** The CAAs will provide local transportation to ICAO staff while on site. The CAAs will also facilitate obtaining entry visas for the ICAO RO and for the Experts accredited by ICAO, and will provide any other assistance that may be necessary for the fulfillment of their missions.

2. ICAO Inputs

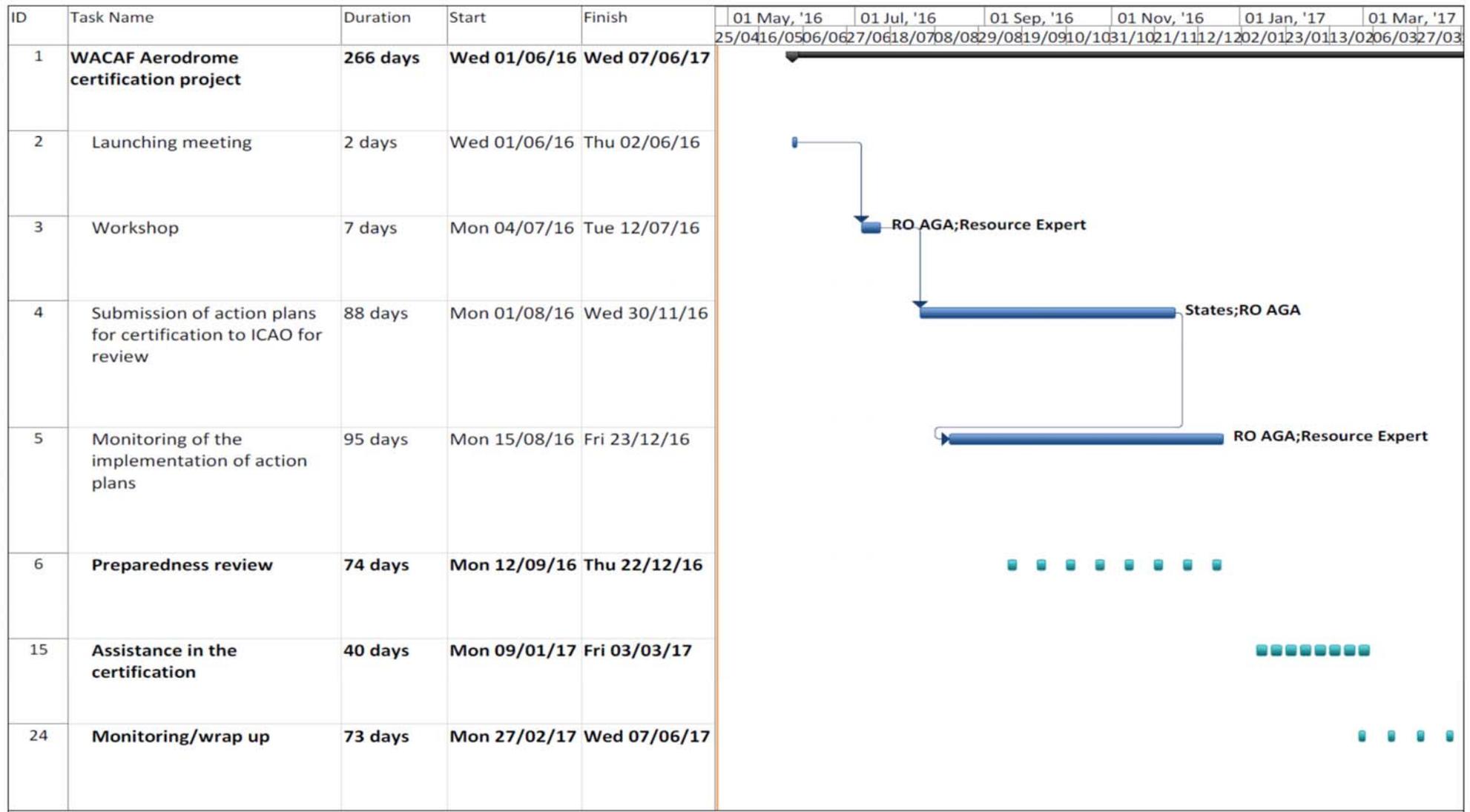
- 2.1 **Funding for the project:** The project will be funded by AFI PLAN.
- 2.2 **Experts:** ICAO will mainly rely on its Nairobi RO/AGA, the four resource-experts and on Experts seconded by within the AFI-CIS framework as well as experts provided by ACI.
- 2.3 **International missions:** a provision has been included to cover the ICAO Staff and the resources-experts mission expenses for the workshops and visits to States.
- 2.4 **Monitoring and reporting:** ICAO Regional Office in Nairobi will be responsible for the supervision of the project, the production of the Project Terminal report. It will also establish and maintain coordination with all the stakeholders during the course of the project.
- 2.5 **Launching meeting:** ICAO will cover the costs of the meeting using project funds
- 2.6 **Miscellaneous expenses:** administrative overhead that may be incurred will be paid by the project funds.

E. Project Work plan

1. A preliminary work plan is attached as Appendix A. This preliminary work plan is indicative and will be refined during the implementation of the project.

F. Estimated Cost (USD):US\$ 72,886

Appendix A – Tentative work Plan



Appendix B– Schedule of Costs

No	Venue	Sect.	Fund	Travel					Meeting							Notes	
				DSA Rates	Days	DSA	TTA	Travel	Lang.	Particip	Interp.	work days	UNON Room charges	Catering Costs estimated	Total cost		
Launching Meeting																	
	Nairobi		Mtg							E	40	-	4	2,400	400	2,800	
Workshops (Travel)																	
	Addis - Nairobi- Addis		Travel		213	7	1,491	152	700		1					2,343	
	Johannesburg- Nairobi- Joburg		Travel		213	7	1,491	152	950		1					2,593	
TOTAL															7,736		
Preparedness Review (Travel)																	
	Nairobi - Luanda-Nairobi		Travel		400	5	2,000	152	2,500		1					4,652	
	Johannesburg - Maputo- Joburg		Travel		319	5	1,595	152	500		1					2,247	
	Johannesburg - Windhoek- Joburg		Travel		117	5	585	152	450		1					1,187	

	Nairobi - Kigali-Nairobi		Travel		213	5	1,065	152	400		1					1,617	
	Addis - Seychelles-Addis		Travel		333	5	1,665	152	845		1					2,662	
	Addis - Entebbe-Addis		Travel		207	5	1,035	152	500		1					1,687	
	Nairobi - Lusaka-Nairobi		Travel		208	5	1,040	152	1,500		1					2,692	
	Abidjan-Antananarivo-Abidjan		Travel		200	5	1,000	152	2,000		1					3,152	
TOTAL																19.896	
Assistance for Certification (Travel)																	
	Johannesburg-Luanda-Joburg		Travel		400	7	2800	152	800		1					3,752	
	Addis - Maputo-Addis		Travel		319	7	2233	152	905		1					3,290	
	Nairobi - Windhoek-Nairobi		Travel		117	7	819	152	1,500		1					2,471	
	Johannesburg - Kigali-Joburg		Travel		213	7	1491	152	650		1					2,293	

	Nairobi - Seychelles- Nairobi		Travel		333	7	2331	152	1,400		1					3,883	
	Nairobi - Entebbe- Nairobi		Travel		207	7	1449	152	600		1					2,201	
	Addis - Lusaka-Addis		Travel		208	7	1456	152	900		1					2,508	
	Abidjan- Antananarivo- Abidjan		Travel		200	7	1400	152	1,600		1					3,152	
TOTAL																23,550	
Monitoring / Wrap up (Travel)																	
	Nairobi - Luanda- Nairobi		Travel		400	4	1,600	152	1,500		1					3,252	
	Nairobi - Maputo- Nairobi		Travel		319	4	1,276	152	1,500		1					2,928	
	Nairobi - Windhoek- Nairobi		Travel		117	4	468	152	1,500		1					2,120	
	Nairobi - Kigali-Nairobi		Travel		213	4	852	152	400		1					1,404	
	Nairobi - Seychelles- Nairobi		Travel		333	4	1,332	152	1,400		1					2,884	
	Nairobi - Entebbe- Nairobi		Travel		207	4	828	152	400		1					1,380	

	Nairobi - Lusaka-Nairobi		Travel		208	4	832	152	1,500		1					2,484	
	Nairobi - Antananarivo- Nairobi		Travel		200	4	800	152	1,500		1					2,452	
TOTAL																18,904	
TOTAL																72,886	

Appendix C- Status of Aerodrome Certification for ESAF Region

AERODROME CERTIFICATION STATUS - ESAF REGION						
Number	STATE	Number of International Aerodromes	Status of certification			
			Certified	Not certified	Percentage of implementation %	Remarks
1.	Angola	1	0	1	0	
2.	Botswana	5	4	1	80	
3.	Burundi	1	0	1	0	
4.	Comoros	3	0	3	0	
5.	Djibouti	1	0	1	0	
6.	Eritrea	1	0	1	0	
7.	Ethiopia	2	2	0	100	May increase to 4
8.	Kenya	3	2	1	67	
9.	Lesotho	1	0	1	0	
10.	Madagascar	7	1	6	14	airports to reduce
11.	Malawi	2	0	2	0	
12.	Mauritius	1	1	0	100	
13.	Mozambique	2	0	2	0	
14.	Namibia	3	0	3	0	
15.	Rwanda	1	0	1	0	
16.	Seychelles	1	0	1	0	
17.	Somalia	5	0	5	0	
18.	South Africa	10	10	0	100	
19.	South Sudan	1	0	1	0	
20.	Swaziland	1	0	1	0	

21.	Uganda	1	0	1	0	
22.	Tanzania	3	2	1	67	
23.	Zambia	4	1	3	25	
24.	Zimbabwe	3	2	1	67	No official communication from the State.
Total		63	26	37	41	
		Category 1- Above 80% Category 2- Above 65% Category 3-Below 65% but with high potential Category 4 below 65% and weak potential				