



EASA
European Aviation Safety Agency



Aviation Sector Support Programme for Zambia

Third Project's SCM Meeting

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David Furniss, PEL-OPS Expert
14th November 2018

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implemented by EASA

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Content of the presentation

- Project summary (Contractual basis, objectives, results)
- Programme components
- Actions implemented and methodology
- Actions foreseen. Work plan
- Challenges
- Actions



Agenda: PSCM



TIME	TITLE, SPEAKER
09:00 H – 09:10 H	Opening Remarks, SCM Chairperson Introduction, adoption of the agenda Eng. Misheck Lungu, Permanent Secretary MoTC
09:10 H – 09:20	Introductory Speech EU Delegation to Zambia and COMESA
09:20 H – 09:40	Project Presentation Mr Gabriel Lesa, Director General CAA
09:40 H – 09:50	Presentation of the SCM members All delegates
09:50 H – 10:30	Activities implemented, work plan review, SCM Secretary and comments by SCM members EASA, European Aviation Safety Agency Mr Carlos Tortosa, EASA ASSP II Project Manager Mr Kakhi KVATASHIDZE, EASA APP II Operations Manager Mr David Furniss, OPS/PEL Project expert and Field Coordinator
10:30 H – 10:45	Group photo All delegates
10:45 H – 11:15	Coffee/ tea break (offered by the project) All delegates
11:15 H – 12:00	Updated work plan presentation and agreement and comments by SCM members Mr Carlos Tortosa, EASA ASSP II Project Manager Mr Kakhi KVATASHIDZE, EASA APP II Operations Manager
12:00 H – 12:40	Open debate and proposals and work plan agreement All delegates
12:40 H – 12:50	AOB All delegates.
12:50 H – 13:00H	Closing speech MoTC Mr Gabriel Lesa, Director General CAA
13:00 H – 14:00H	Lunch (offered by the project) at Cresta Hotel-Restaurant All delegates



Project Summary: Contractual Basis

Contracting Authority

- European Delegation to Zambia and COMESA
- Contract between European Delegation to Zambia and European Aviation Safety Agency (EASA) in August 2017

Volume

- €1,8Million

Duration

- 48 months (until end September 2021)



Project Summary: Contractual Basis

Beneficiary

- CAA/MoTC Zambia
- Stakeholders

SC Meetings

- Every 6 months

Close Coordination

- Delegation/CAA/Industry/Other projects/2nd component
- **Coordination with beneficiary essential**



Project Summary: Objectives and expected results

Overall objective

- Develop a reliable and effective aviation sector capable of contributing to the economic growth in Zambia

Specific objective

- Improve compliance with international aviation standards , specially in terms of both air safety and security oversight

Expected results

- Improved policies, institutional and regulatory framework
- Capacity building to have better performing institutions
- Aviation safety and security oversight strengthened



Project Summary

Objectives: Two building blocks

**CIVIL AVIATION
AUTHORITY**



**ZAMBIA CIVIL AVIATION
REQUIREMENTS**

Continue to enhance and review the regulatory and institutional framework of the Zambian aviation sector

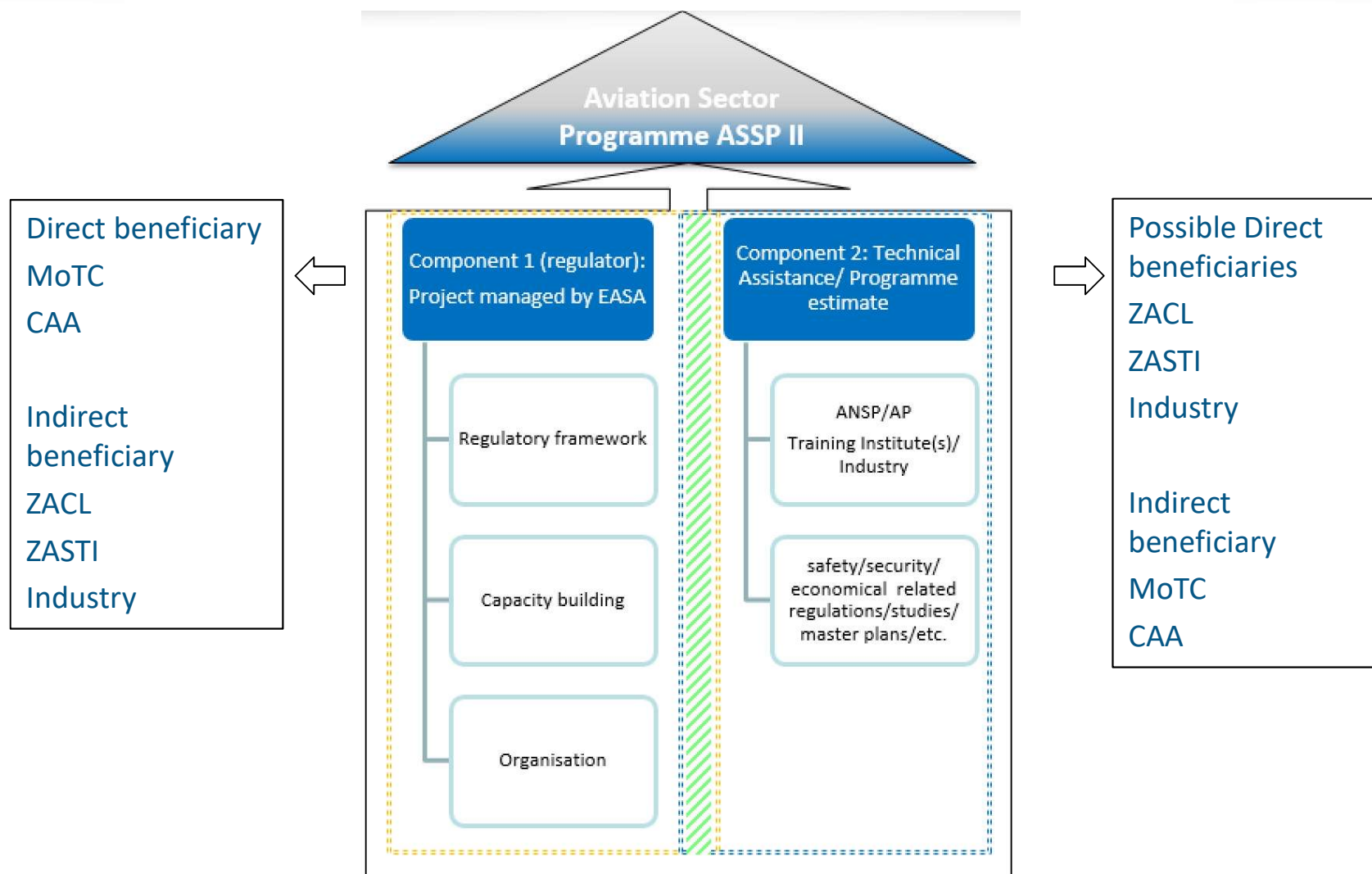
Technical capacity building of the CAA/MoTC, as well as other aviation stakeholders where found beneficial in ensuring effective implementation actions/activities.



IN A SUSTAINABLE MANNER

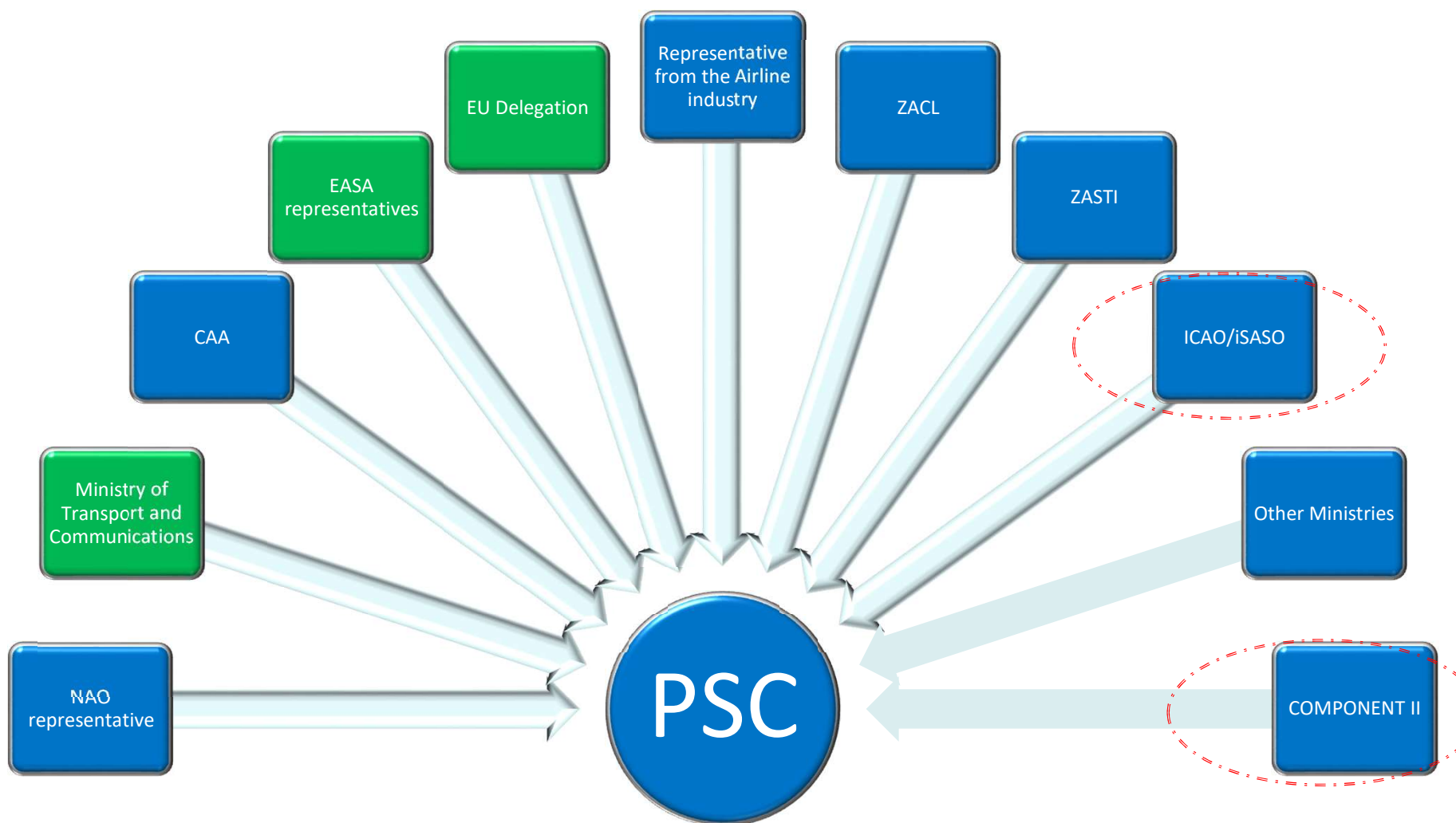


Project Summary: Project Components



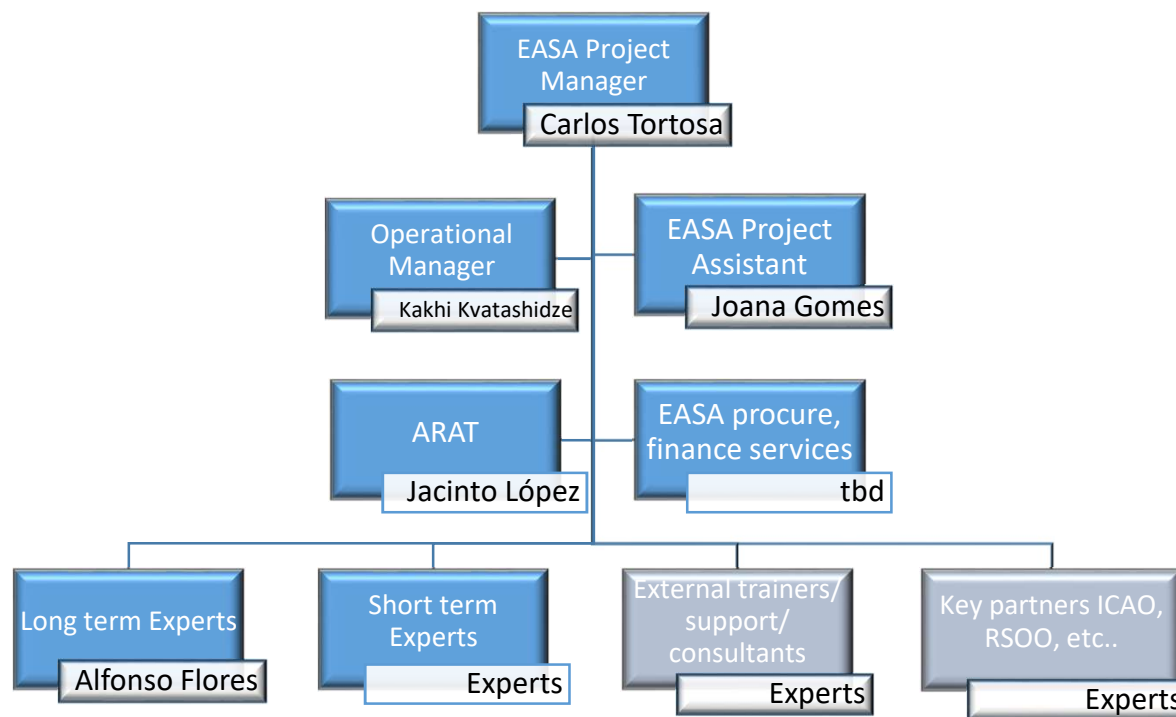


Project Steering Committee





Project team





Safety Briefing

Performance Dashboard

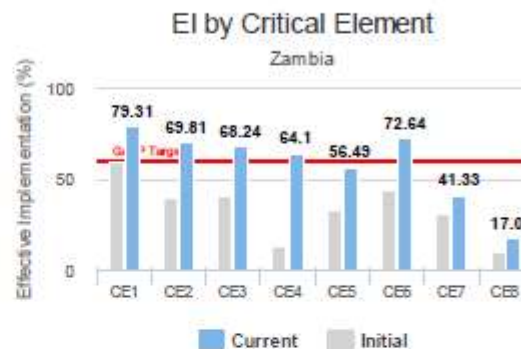
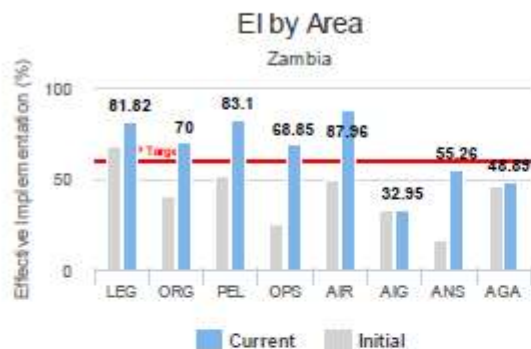
Indicator	Target	Value	Achieved
USOAP EI <small>USOAP overall EI (%)</small>	60%	62.06%	Yes
Significant Safety Concerns (SSCs) <small>Number of SSCs</small>	0	0	Yes
Fatal Accidents <small>Number of fatal accidents in last 5 years</small>		0	✓
Aerodrome Certification <small>Validated status of USOAP Protocol Questions (PQ) 8.081, 8.083 and 8.086</small>	Satisfactory	Satisfactory	Yes
State Safety Programme (SSP) <small>Level of SSP implementation</small>	Level 2	Level 3	Yes
IOSA <small>Number of IOSA certified operators</small>	>0	0	No
FAA IASA <small>IASA categorisation</small>	Cat 1	NR	
EU Safety List <small>Number of operational restrictions</small>	Unrestricted	Unrestricted	Yes
PBN <small>Percentage of international instrument runways with PBN approaches</small>	70%	80%	Yes



Safety Briefing

USOAP Results by Area and Critical Element

5 areas and 5 critical elements are above the target of 60% EI.



Zambia currently has 283 open USOAP protocol findings. The highest number of protocol findings (34) concern Technical Guidance, Tools and the Provision of Safety-Critical Information (CE-5) in the area of Accident Investigation (AIG).

	LEG	ORG	PEL	OPS	AIR	AIG	ANS	AGA
CE-1	2					3		1
CE-2	1		1	2	2	6	8	12
CE-3		2	1	3	2	4	13	2
CE-4		1	2	2	1	4	15	3
CE-5	1			4	2	34	6	10
CE-6			1	12			21	21
CE-7			3	10	3		16	12
CE-8			4	5	3	8	6	8

Protocol findings by Area and Critical Element intersection

Note: Due to ongoing work on our data management platform, the above results may slightly differ from the ones published on the CMA online framework. There may be differences in the protocol findings obtained from the OLF and ISTARs due to migration to the 2015 PQ version.

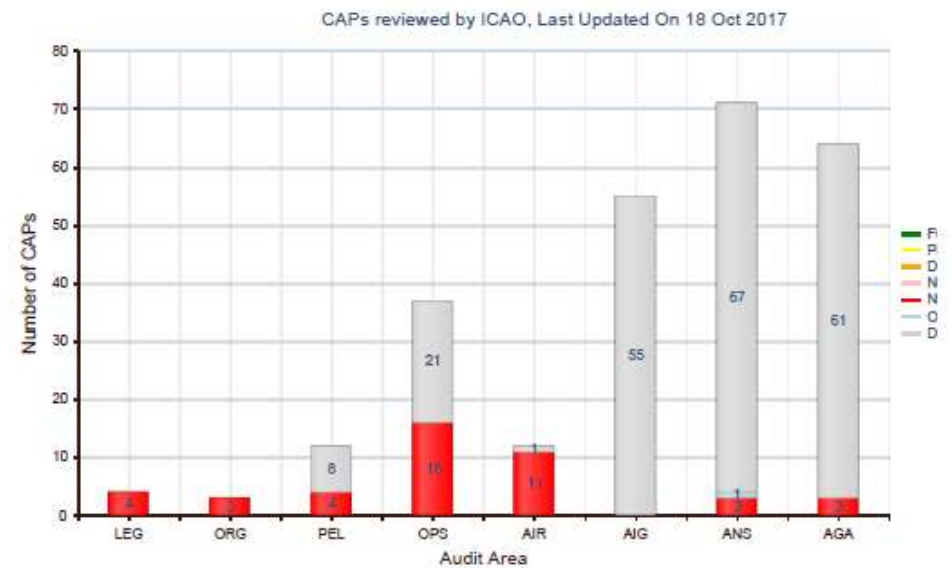
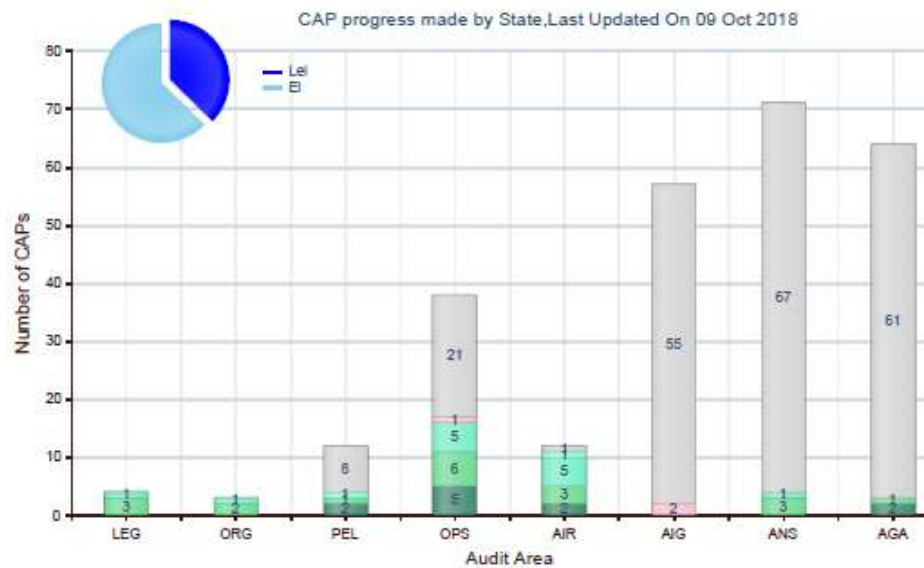


CAP

Zambia

ICAO Coordinated Validation Mission from 02 March 2016 to 09 March 2016

Current overall EI 62.71%

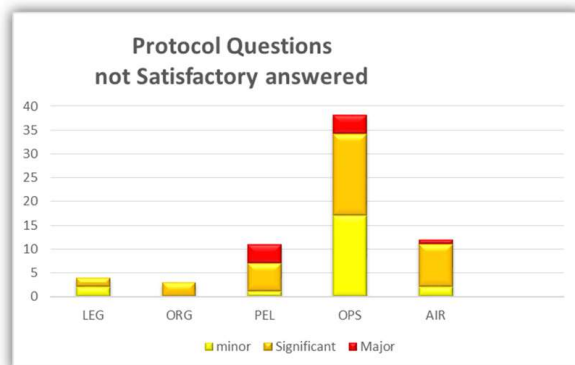




Safety Briefing

Zambia

Protocol Questions not satisfactory answered

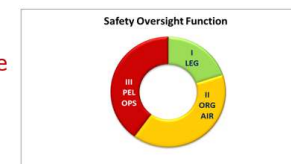


Zambia

State Oversight Function

The analysis performed suggests that:

- **I** - Zambia is capable to ensure the effective implementation of SARPs in the **LEG** area, and
- **II** - capability to ensure effective implementation of SARPs is seriously affected by significant findings in the **ORG** and **AIR** areas.
- **III** - Zambia is not capable to ensure effective implementation of SARPs in the **PEL** and **OPS** areas.



Zambia

Recommended Course of Action.

- The ICAO Critical Elements with the highest lack of effective implementation are:
 - CE - 8 : Resolutions of safety concerns.
 - CE - 7 : Surveillance Obligations.
 - CE - 5 : Technical guidance, tools and provision of safety-critical information.
- The Corrective Action Plan is largely still in "draft".



Report and work plan





Report and work plan



ASSP II SCM Report (tentative)

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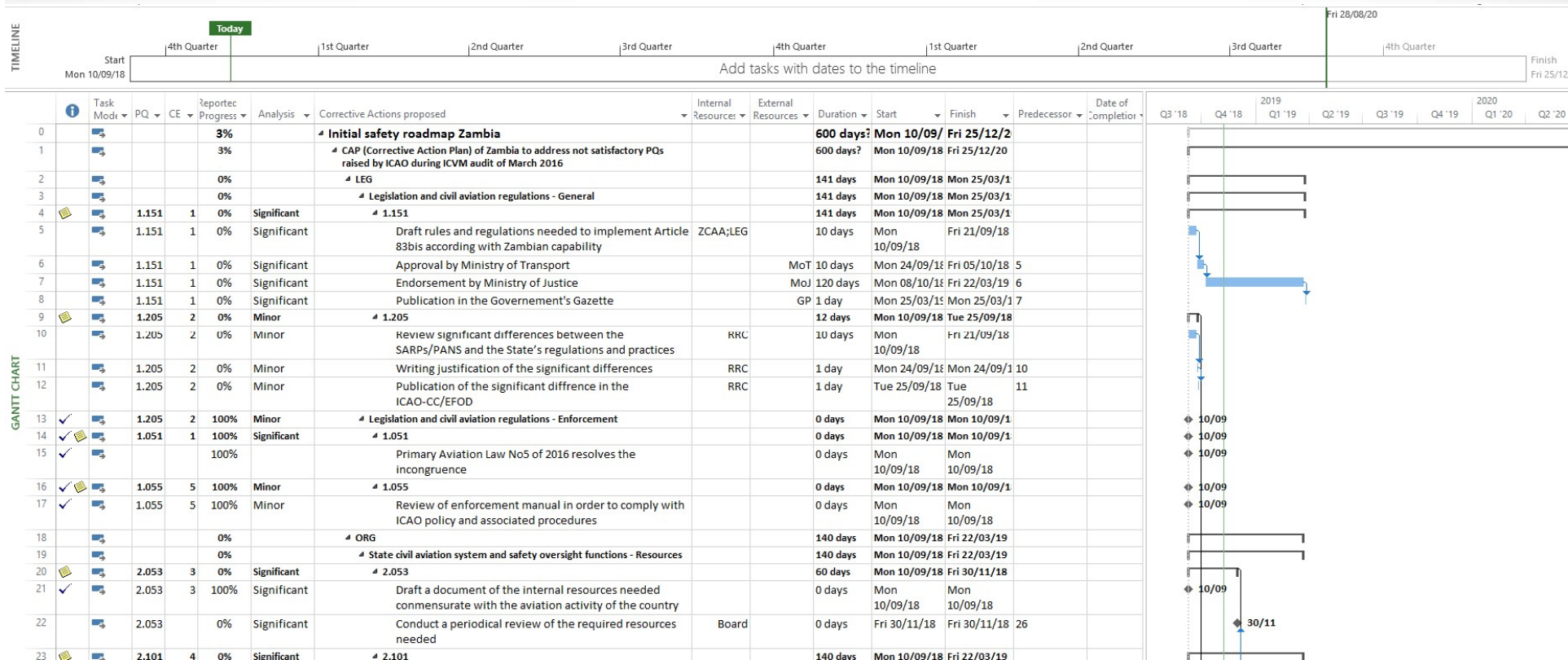


Summary of activities: implemented

Activity	Name	Dates	Expert	Status	Impact	Achievements
9.1.1	ANS Long term expert	09/04/18 - 10/18	AFL	Completed	ANS	Support to complete roadmap Focus on PQs Involvement of ZACL
4.1.2/4.2.2	QMS OJT II	14/05/2018 - 24/05/2018	EAM	Completed	All domains	Documents drafted: <ul style="list-style-type: none"> • Quality Manual • Procedure Template • CAA-PR-QMS-001-Monitoring, Measurement, analysis and evaluation. • Map of Processes • List of Processes • Technological Working Tools Report
1.2.2/1.8.3	2nd SCM/3rd TWG	23/05/2018	CTO/JVI/AFL	Completed	Management	Review of work plan
1.9.1	ANS thematic meeting	June 2018	AFL	Completed	ANS	Involvement of ZACL Info for 2 nd component
6.1.1/8.1.1	OPS/PEL Long term expert	September - December 2018	DFU	On-going	OPS/PEL	Review of PQs following Roadmap
4.4.6	OPS Certification workshop	25 October 2018	DFU	Completed	OPS	Review of ZCAA AOC certification processes
1.8.4	4 th TWG	19 September 2018	TWG Members	Completed	Management	Review of work plan
1.2.3/1.8.5	3rd SCM/5th TWG	14 November 2018	SCM Members	On-going	Management	Review of work plan



Activities implemented: methodology





Activities implemented



3rd Technical Working Group Meeting



AOC certification and Ops Specs ZCAA



ORG/LEG, PEL/OPS, ANS roadmaps



Summary of activities: Forecast

Activity	Name	Dates	Expert	Status	Impact
6.1.1/8.1.1	OPS/PEL Long term expert	September – Q2 2019	DFU	Scheduled	OPS/PEL
4.4.6	2 nd OPS Certification workshop. Industry	November- - December 2018	DFU	Proposal	OPS
4.4.1	ATO certification workshop. Authority	November- December 2018	DFU	Proposal	PEL
1.9.2	OPS thematic meeting	November- December 2018	DFU	Proposal	ANS
1.8.4	5 th TWG	13/03/2019	TWG Members	Scheduled	Management
5.1	SSP implementation OJT	Q1/Q2 2019	Tbd	Proposal	All domains
4.1	QMS OJT III	Q1/Q2 2019	Tbd	Proposal	All domains
1.2.4	4 th SCM	16/05/2019	SCM Members	Scheduled	Management

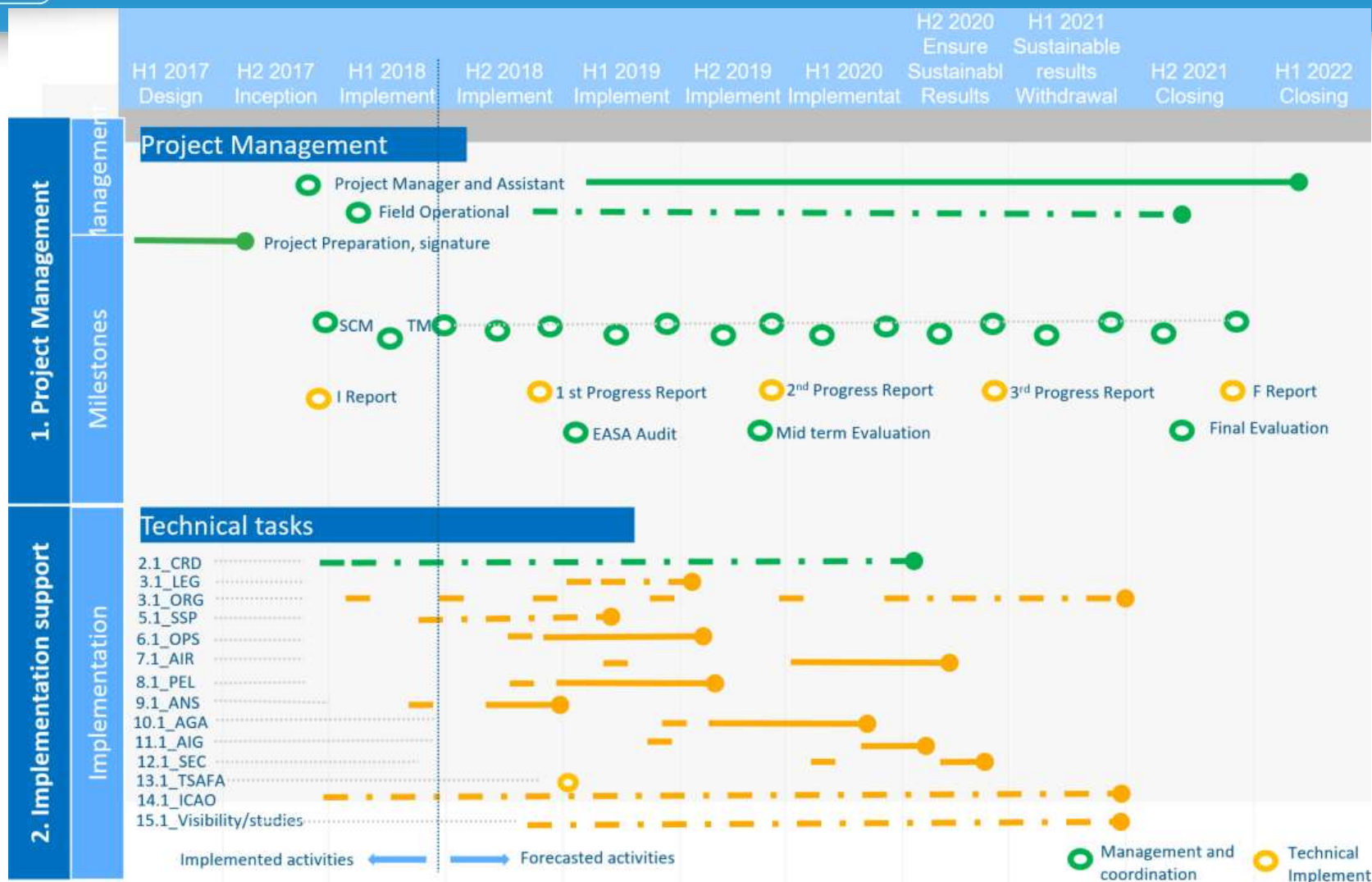


Challenges (Cont. of 2nd SCM)

Description	Consequence	Action
Completion of CAP	Low EI	Involve staff Allocate time to focal point Involve ICAO
Activities associated to the 2nd component should be launched now i.e. OPS/PEL, ANS (ZACL, ZASTI, Operators, etc..)	Loss of valuable information Projects not running coordinated (i.e. ANS expert might not be here next year)	Actual experts to report possible actions Involvement of the stakeholders in actual project actions when possible (i.e. SSP workshop, SCM, visits to stakeholders during the deployment of LTE) Launch Thematic Meetings
Different level of implementation (EI, CE) in departments at the CAA	Higher workload to define dedicated plans Impact on the Stakeholders (i.e. certification of a new AOC might need OPS/PEL/AIR, etc. inspectors)	Define dedicated plans for the LTE Involve inspectors in OJT in other areas
Different level of maturity within Stakeholders of the Zambian industry	Higher workload to define dedicated plans Impact on the quality of the actions by the project (i.e. new operator challenges might differs from a stablsh operator)	Define dedicated actions for different stakeholders
Coordination at regional level	Lose participation in regional activities (i.e. rulemaking, regional workshops)	Invite parties to the SCM Send invitations in advance (clarify who send invitations) Arrange dates for next SCM, TWG
CAA staff limitations and overwhelmed	Delays on the implementation of the project Delays on their day-to-day tasks Limited project results	Schedule and coordinate activities between the parts Allocate sufficient resources when LTE are deployed Shorten the deployments Re-size scope of some activities



Work plan, all years





Actions

- Work plan for the 6 coming months agreed at SCM
- Challenges discussed and considered, actions agreed at the SCM
- Bilateral discussion with the EUD to align Work Plan, Logframe and Budget
- Distribute updated report for the review and comments of the SCM Members



Communication and visibility



EASA
European Aviation Safety Agency



November 2018

ASSP-Z II - Aviation Sector Support Programme to Zambia II

n° 2

The overall objective of the ASSP-Z II (Aviation Sector Support Programme to Zambia II) is to develop a reliable and effective aviation capable of contributing to the economic growth in Zambia.

This EU-funded project will support the Civil Aviation Authority of Zambia and other stakeholders to improve their compliance with international aviation standards, in the area of air safety, security, certification and oversight.

Targeted capacity enhancement initiatives and strengthening of the institutional and regulatory framework, implementation of international civil aviation standards shall be implemented.

Besides, where appropriate, the promotion and harmonisation with EU standards and best practices will contribute to secure reliable and sustainable results.



This project is funded by the European Union

All information on the upcoming events is available on our website www.easa.europa.eu/assp



OPS/PEL Long Term Expert Deployed

Mr David Furniss is, since September 2018, the project's Night Operations and Personnel Licensing expert and is currently working with the ZCAA inspectors.

During his long term deployment he will be supporting the CAA in the review of internal documents, following an On the Job Training methodology to ensure sustainability of the actions.

The expert will be mainly focusing his efforts in the ICAD (ICVM) results and is currently reviewing the still open Protocol Questions to provide advice and support to the ZCAA inspectors in the relevant area.

He will also deliver OJT, propose changes to regulations and provide day-to-day support to the ZCAA staff.

Additionally, the expert will carry out working sessions with the ZCAA key personnel on ADC certification process. These sessions will be open to industry interested parties to ensure an effective coordination of actions.



Zambia Aviation News

PASTA-CO ECCAS—EASA is pursuing its relationship with Central Africa to enhance aviation safety

EASA has launched a new project with the Economic Community of Central African States (ECCAS), named PASTA-CO (Air Transport Sector Support Project to Central and Western Africa).

This project aims to enhance aviation safety in the region by providing capacity building, through training of the technical personnel of both the Regional Safety Oversight Organisation (RSOO) and national Civil Aviation Authorities (CAA) of the region.

The project will particularly focus on those two levels: regional and national, with the purpose to reinforce the RSOC and move towards its operationalisation. This project is complementary to the former EU funded project ATA-AC (Improvement of Air Transport in Central Africa), which ended in December 2017.

The region has embarked on the adoption of EU-based rules, which will facilitate not only regional integration, but also the process of keeping the rules up-to-date and in compliance with international standards.

Its areas of activities will cover the domains of personnel licensing, operations, airworthiness and aerodynamics. The project budget is €1.7 million.

AFCAC Plenary



The 29th and 30th AFCAC Plenary (biannual and ordinary) will take place in Livingstone, Zambia on 3rd and 4th December 2018 at the kind invitation of the Civil Aviation Authority of the Republic of Zambia.

The biannual Plenary Session of AFCAC will be devoted to the appointment of the new Secretary General of the Commission.

The second Session of AFCAC will be also devoted to the election of the new Bureau of the Commission, as well as nomination of candidates for ICAD Council Elections and the Air Navigation Commission Elections.

The EU and the European Aviation Safety Agency (EASA) will be represented during the meetings.



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EU-ASSP II-Z
Aviation Support Sector Programme II
Improving Aviation Sector in Zambia



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2nd SCM





Acknowledgement

Special thanks to the ZCAA, DG Mr Lesa and team for hosting EASA and continuous support





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Thank You

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