



**EASA**  
European Aviation Safety Agency



# Aviation Sector Support Programme for Zambia-ASSP II

## 12<sup>th</sup> Project's TWG Meeting

Carlos Tortosa, ASSP II Project Manager  
Carlos Menéndez de Solas, Operations Manager  
Gabriella Garaffa, Project Assistant

19th November 2020

This project is funded by the European Union and  
implemented by EASA

**Your safety is our mission.**

An agency of the European Union 

TE.GEN.00409-001



# Content of the presentation

- Project summary (Contractual basis, objectives, results)
- Actions implemented and methodology
- Actions foreseen and work plan
- Challenges
- Actions



# Agenda: PSCM



TIME	TITLE, SPEAKER
10:00	<b>Introduction</b> , adoption of the agenda, MoTC
10:10	<b>Feedback on the implemented actions and project performance</b> EASA Carlos Tortosa ASSP II Project Manager All participants
10:50	<b>2021 Work Plan review</b> EASA Carlos Tortosa ASSP II Project Manager All participants
11:35	<b>AOB</b> All participants
11:55	<b>Closing</b> MoTC



# Introductory words MoTC



# Participants Introduction/ Tour de table

Name

Institution



# 12<sup>th</sup> TWG

# Group Picture



# 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
- End of project August 2021

## 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

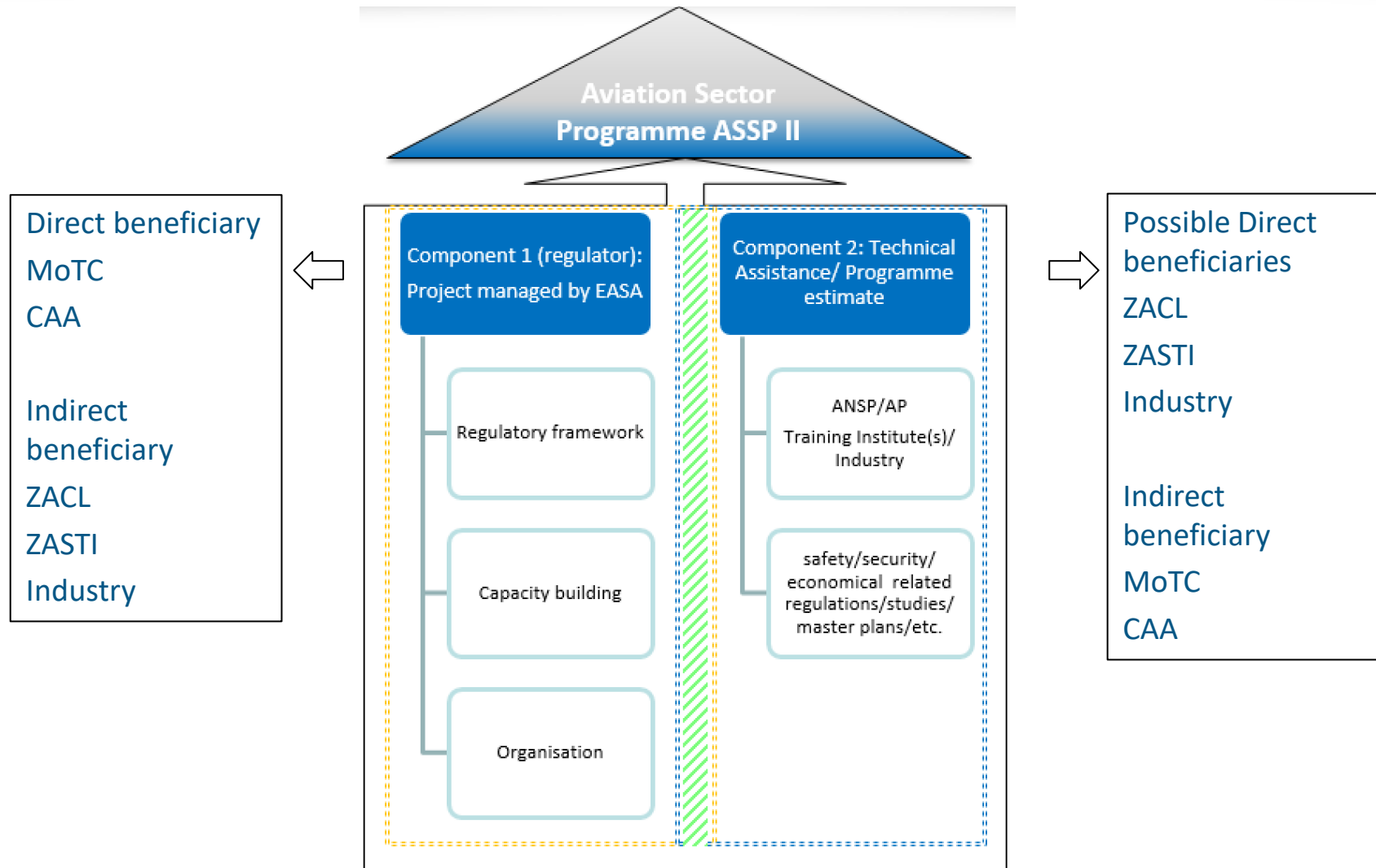
Technical capacity building of the CAA/MoTC, as well as other aviation stakeholders where found beneficial in ensuring effective implementation actions/activities.



## IN A SUSTAINABLE MANNER

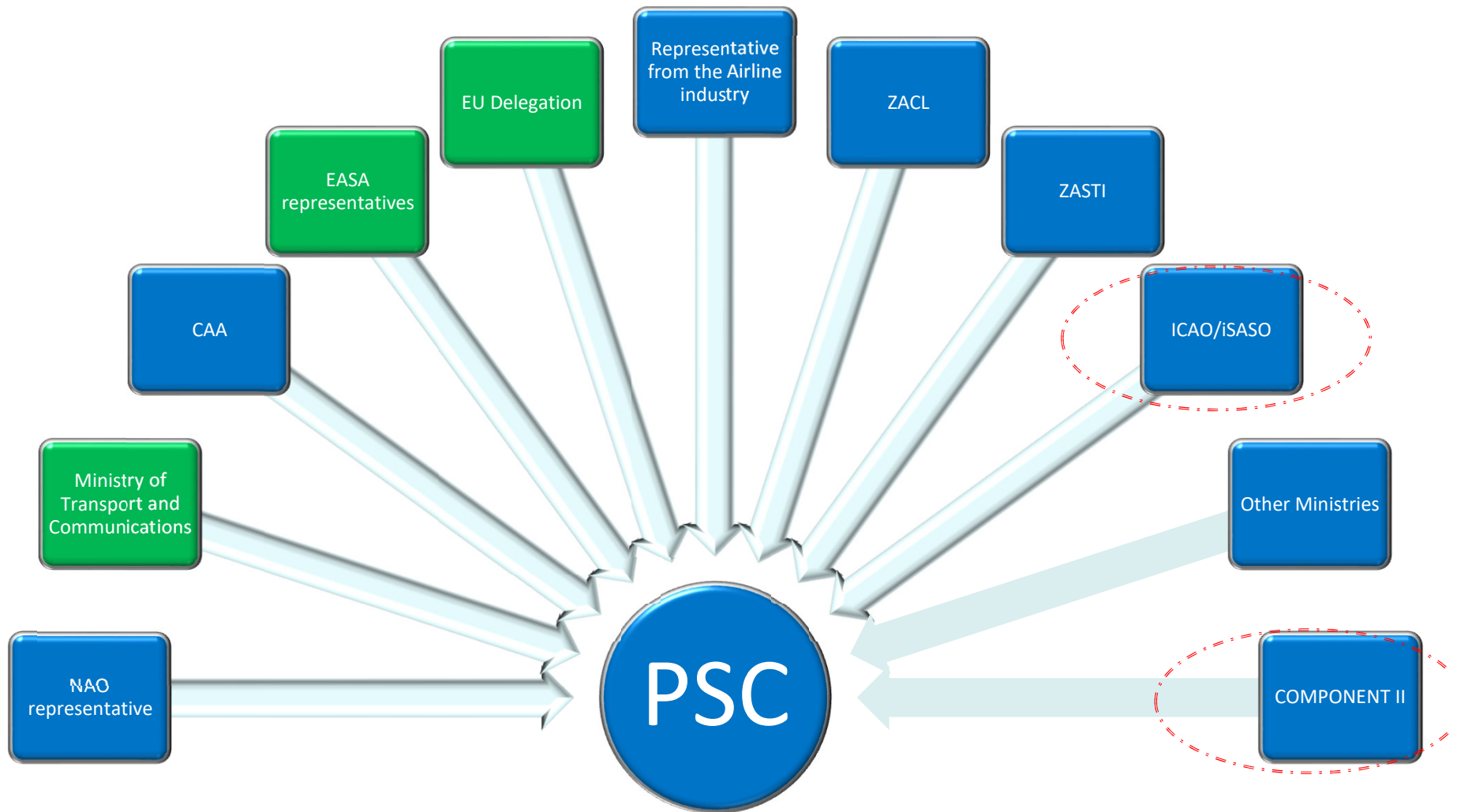


# Project Summary: Project Components



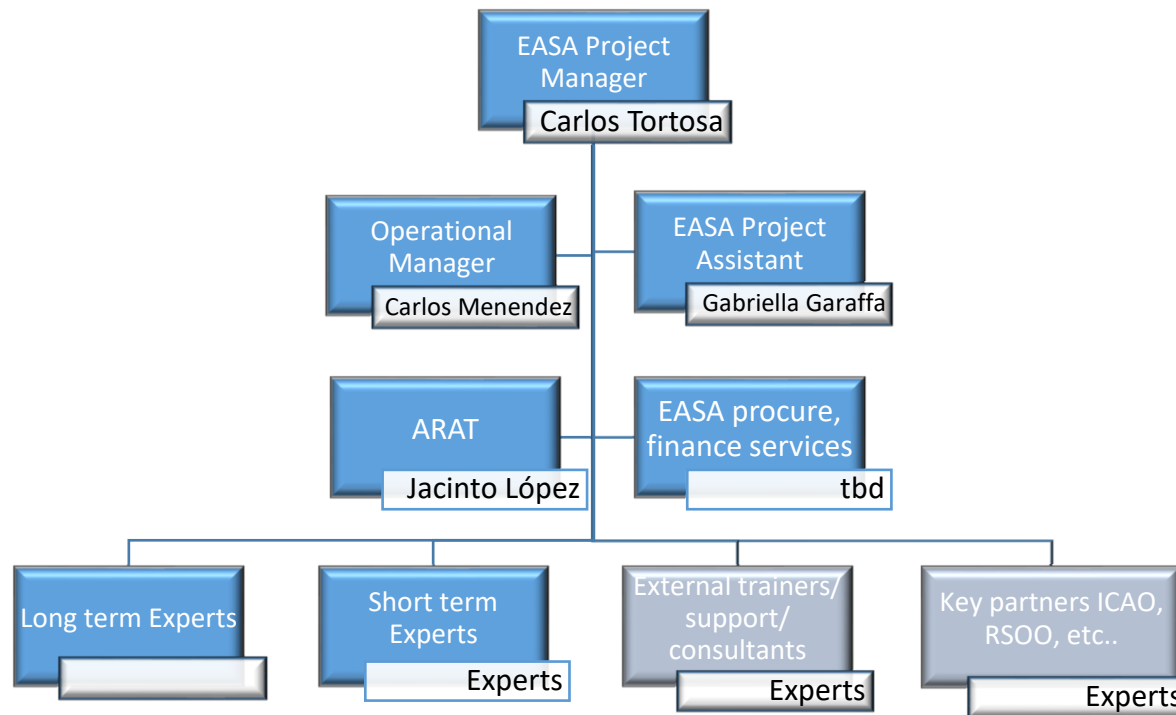


# Project Steering Committee





# Project team





# Performance Dashboard (Source ICAO)

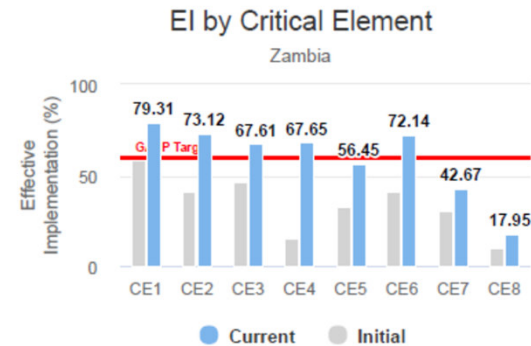
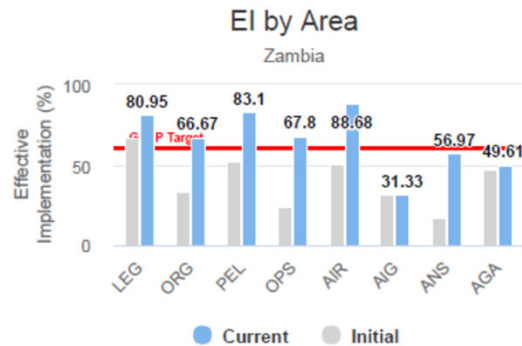
Indicator	Target	Value	Achieved
<b>USOAP EI</b> <i>USOAP overall EI(%)</i>	60%	62.71%	Yes
<b>Significant Safety Concerns (SSCs)</b> <i>Number of SSCs</i>	0	0	Yes
<b>Fatal Accidents</b> <i>Number of fatal accidents in last 5 years</i>		0	✓
<b>Aerodrome Certification</b> <i>Validated status of USOAP Protocol Questions (PQ) 8.081, 8.083 and 8.086</i>	Satisfactory	Satisfactory	Yes
<b>State Safety Programme (SSP) Foundation</b> <i>Percentage of SSP Foundation protocol questions (PQs) validated by USOAP or submitted as completed</i>	100%	80.8%	No
<b>State Safety Programme (SSP)</b> <i>Level of SSP implementation</i>	Level 2	Level 3	Yes
<b>IOSA</b> <i>Number of IOSA certified operators</i>	>0	0	No
<b>FAA IASA</b> <i>IASA categorisation</i>	Cat 1	NR	
<b>EU Safety List</b> <i>Number of operational restrictions</i>	Unrestricted	Unrestricted	Yes
<b>PBN</b> <i>Percentage of international instrument runways with PBN approaches</i>	100%	100%	Yes
<b>Global Aviation Training Activities</b> <i>Number of courses delivered or developed by TRAINAIR PLUS Members in the last 12 months</i>	>0	1	Yes
<b>Corrective Action Plan Update</b> <i>Number of updates in the last 12 months on the Online Framework (OLF)</i>	>0	103	Yes
<b>High Safety Indexes</b> <i>Number of areas (Operations, Air Navigation, Support) with a high Safety Index over 1</i>	3/3	3	Yes

Updated July 2020



# USOAP Results by Area and Critical Element (Source ICAO)

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



Zambia currently has 261 open USOAP protocol findings. The highest number of protocol findings (33) 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	4	9
CE-3		2	1	3	2	4	9	2
CE-4		1	2	2	1	4	10	2
CE-5	1			4	1	33	5	10
CE-6			1	12			23	20
CE-7			3	10	3		14	13
CE-8			4	5	3	7	6	7

Protocol findings by Area and Critical Element intersection

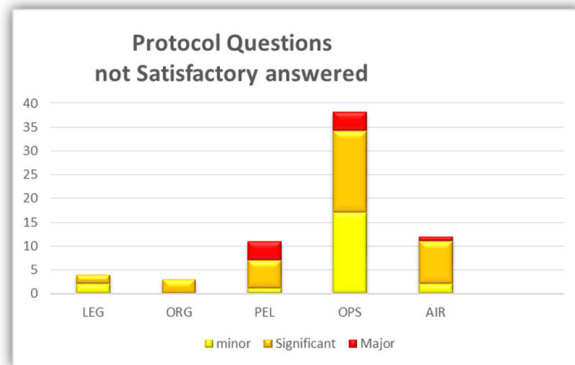
Note: Due to ongoing work on our data management platform, the above results may slightly differ from the ones published on the CMA online framework. There may be differences in the protocol findings obtained from the OLF and iSTARS due to migration to the 2016 PQ version.



# Safety Briefing EC-ASC

## Zambia

### Protocol Questions not satisfactory answered

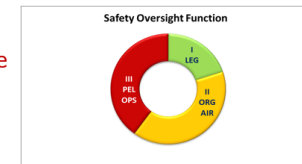


## Zambia

### 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

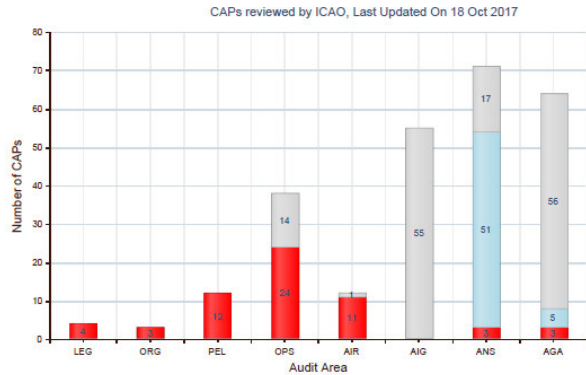
### Recommended Course of Action.

- ▶ 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".

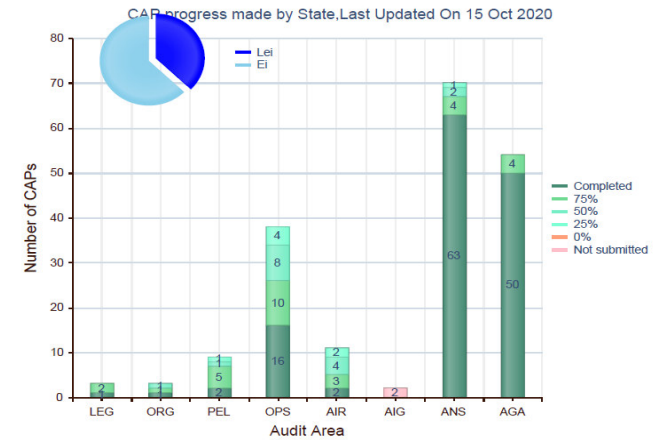
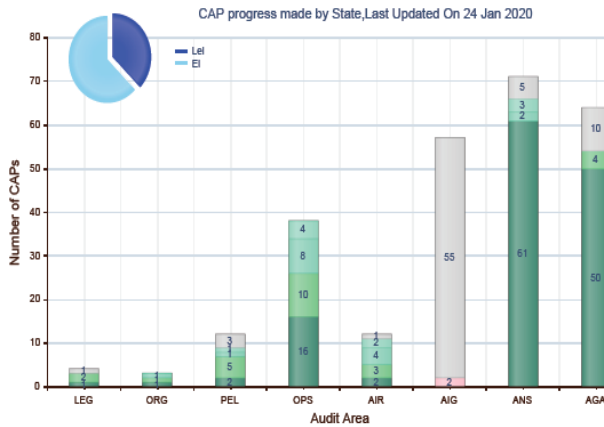
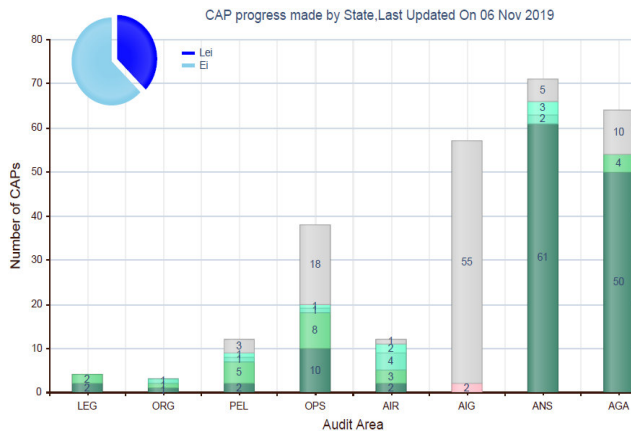
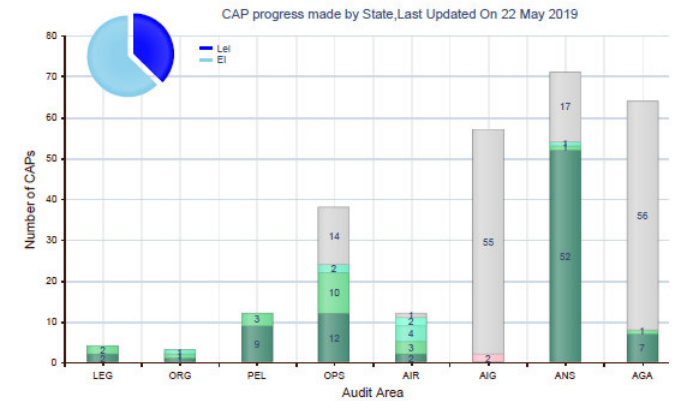
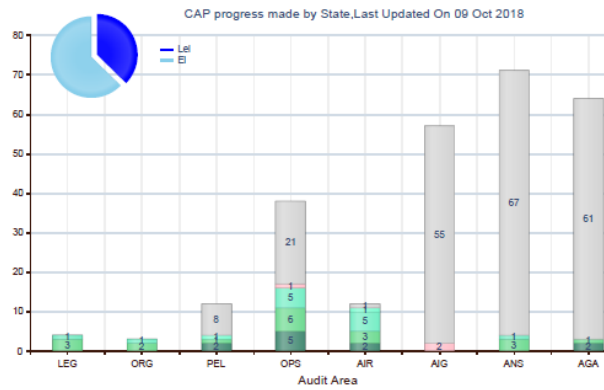




# Evolution of CAP (Source ICAO)



© 2019 ICAO, All Rights Reserved





## Current situation

- Still no missions. All activities re-designed and delivered through distance support.
- Quick reaction by the beneficiary and the project to continue to implement activities.
- Involvement of the industry: positive feedback
- End of the project August 2021, possible extension
- Savings on project budget due to travel restrictions



## Current situation

- Distance support will continue, no missions until clear signs of recovery.
- Increase of activities in 2021? Or possible extension.
- Possible overwhelmed beneficiary.
- New FWC at EASA
- D+3, Contract Amendment in place with the EUD



# COVID Information

All documents developed by EASA are available at our website  
(<https://www.easa.europa.eu/the-agency/coronavirus-covid-19>)

The screenshot shows the EASA website's 'The Agency' page for 'Coronavirus COVID-19'. At the top, there is a dark blue banner with the text 'Stay informed on COVID-19 updates from EASA' and buttons for 'Read more >' and 'Subscribe >'. Below this is the EASA logo and a search bar. The main navigation bar includes 'Home', 'The Agency', 'Newsroom & Events', 'Domains', 'Regulations', and 'Document Library'. The page title is 'The Agency' and the breadcrumb trail is 'Home / The Agency / The Agency / Coronavirus COVID-19'. The main heading is 'Coronavirus COVID-19'. The content area contains a paragraph: 'In these extremely difficult times for the aviation industry, EASA is putting into place the measures required to ensure that operations can continue in as normal a manner as possible while still remaining safe. We know there are a huge number of urgent issues that need to be tackled - related to the hygienic safety of aircraft, application of existing rules around licensing and training, maintenance issues and many, many more. We are working to steer you through this crisis and address the needs of our stakeholders so as to ensure that aviation can remain operational and safe for everyone involved: pilots, crews, passengers and everyone else who makes this great industry function. To this end, we are in constant contact with the national aviation authorities in Europe and our other stakeholders and working as fast as we can to put the needed measures in place.' Below this is a sub-heading 'This page offers convenient links to all of our latest coronavirus-related information.' followed by two links: 'EASA COVID-19 Resources' and 'More COVID-19 related references'. At the bottom, there is a light blue box with the text 'Want to stay informed on future COVID-19 updates from EASA?' and two sub-links: 'Create an EASA account' and 'Follow the category "Coronavirus COVID-19"'. The left sidebar contains a 'The Agency' menu with 'Annual Programmes & Reports', 'COVID-19' (expanded to show 'Aviation Industry Charter for COVID-19', 'EASA COVID-19 Resources', and 'References'), 'Agency Organisation Structure', 'EASA Member states', 'Management Board', 'Other EASA Boards & Bodies', 'Recruitment', 'Brexit', 'Procurement', 'Frequently Asked Questions', and 'Contacts & Locations'.



# Work plan review Q3 and Q4 2020

Activity	Event Name	Status	Planned Dates
5.1	SSP Implementation OJT (Long term distance support)	On-going	April to November 2020
4.4.10.c	AOC OPS Specs Workshop (Long term distance support)	On-going	May-August 2020
4.4.12.a	SMS Safety Management Systems Webinar	Completed	1, 2, 8, 9 July
1.2.6	6th SCM	Completed	09/07/2020
11.1	Accident and Incident Investigation (Long term distance support)	On-going	June to December 2020
12.10	Security Expert	Completed	November 2020

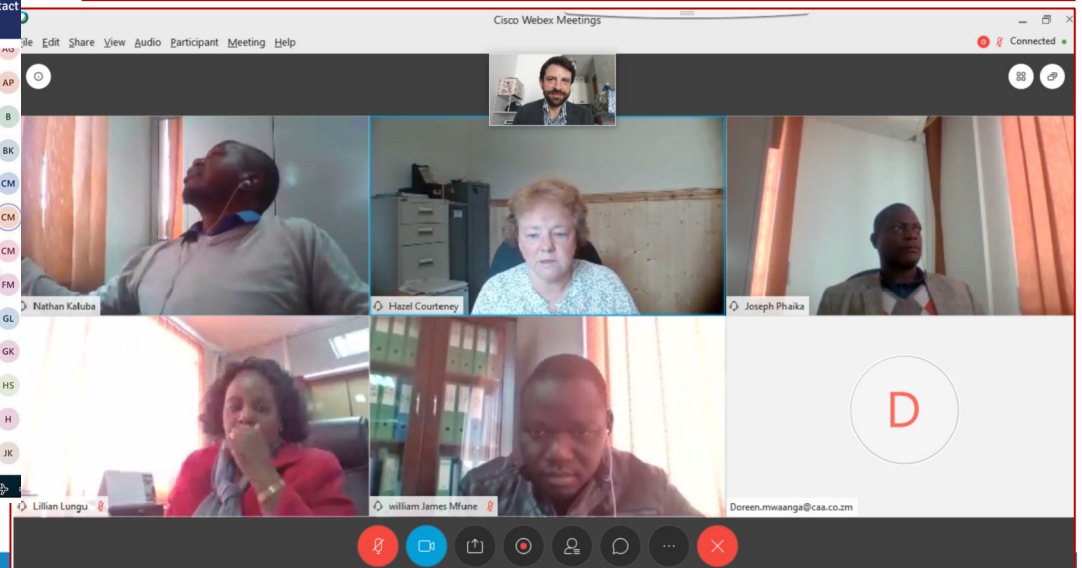
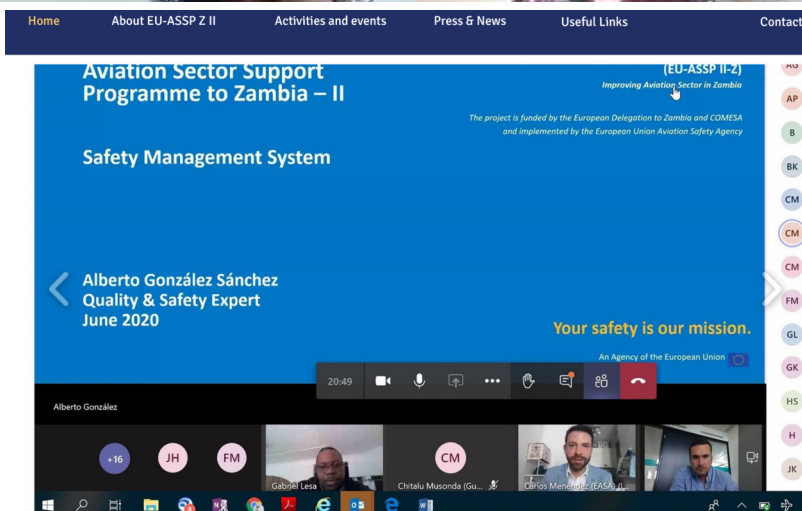
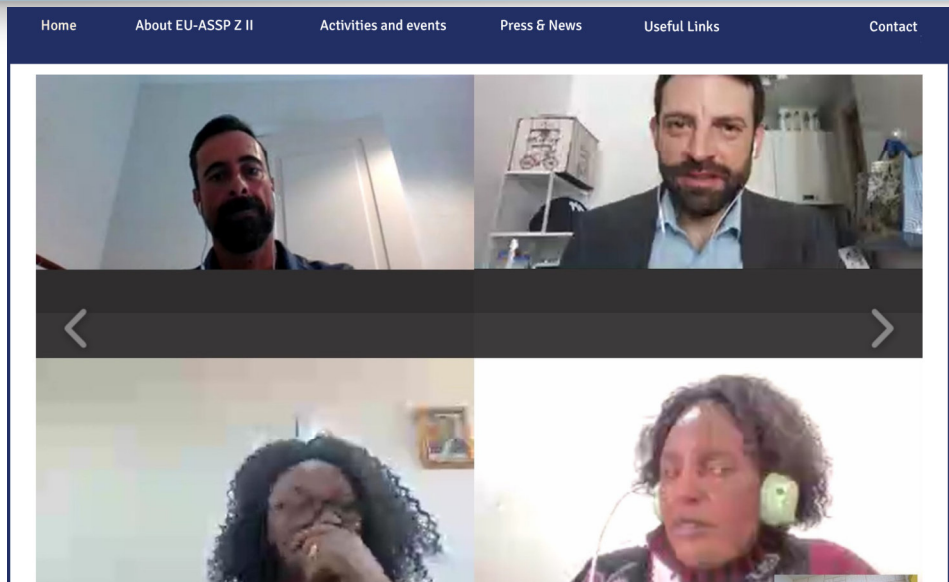


# Work plan review Q3 and Q4 2020

Activity	Event Name	Status	Planned Dates	Location	Expert
4.4.11.a	QMS_Auditing Techniques Webinar	Completed	15, 16, 22, 23 July	Distance support	AGO
4.4.3.a	Human Factors Webinar	Completed	23, 29, 30 July and 5 August	Distance support	AGO
4.4.12.b	SMS With industry (Implementation)	Completed	May-August 2020	Distance support	AGO
4.4.11.a	QMS_Auditing Techniques Webinar	Completed	15, 16, 22, 23 July	Distance support	AGO
4.4.3.a	Human Factors Webinar	Completed	23, 29, 30 July and 5 August	Distance support	AGO
10. 1	AGA Long term expert	Postponed	June to August 2020	Zambia	n/a
1.8.11	11th TWG	Completed	19 November 2020	Zambia	n/a
1.3.8	EASA/ICAO RSOO Conference	Postponed	November. 2020	Africa	n/a
4.4.4	Workshop gender equality	scheduled	December 2020	Distance support	EGA
1.2.7	7th SCM	On-going	2nd Dec 2020	Zambia	n/a



# Activities implemented





# Summary of activities: Forecast

Activity	Event Name	Status	Planned Dates	Location	Expert
11. 1	Accident and Incident Investigation (Long term distance support)	scheduled	Q1/2 2021	Distance support	MCO
4.4.10.b	AOC OPS Specs On-the-Job training	scheduled	Q1/2 2022	Distance support	MVA
5. 1	SSP implementation	scheduled	Jan to Dec 2021	Distance support	HAZ
12.10	Security Expert	scheduled	Q1/2 2021	Distance support	JPU
1.8.9	9th TWG	scheduled	31/03/2021	Distance support	n/a
10. 1	Airports Surveillance OJT	scheduled	Q2 2021	Distance support	TBD
4. 4	Resolution of Safety Concerns	scheduled	Q2 2021	Distance support	TBD
4.4.12.a	SMS/QMS Safety Management Systems Webinar Implementation	scheduled	Q2/Q3 2021	Distance support	TBD
1.2.6	8th SCM	scheduled	30/06/2021	Distance support	n/a





## Actions after this meeting

- Present the work plan for the 6 coming months at the SCM
- Present challenges discussed and considered, actions agreed at the SCM
- Bilateral discussions with the EUD to align Work Plan, Logframe and Budget and possible extension
- Share MoM and meeting documents for final comments by TWG members



# Communication and visibility



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



[Home](#)

[About EU-ASSP Z II](#)

[Activities and events](#)

[Press & News](#)

[Useful Links](#)

[Contact](#)





# Acknowledgements to the TWG members



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



[Home](#)

[About EU-ASSP Z II](#)

[Activities and events](#)

[Press & News](#)

[Useful Links](#)

[Contact](#)





**EASA**  
European Aviation Safety Agency



**Zikomo**  
**Thank You**

**Your safety is our mission.**

An agency of the European Union 