



| ICAO

# INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

## AFI- Plan SSP Project Launching Meeting and Workshop

Virtual Meeting , 16 and 17 January 2024

# AFI PLAN – STATE SAFETY PROGRAM PROJECT

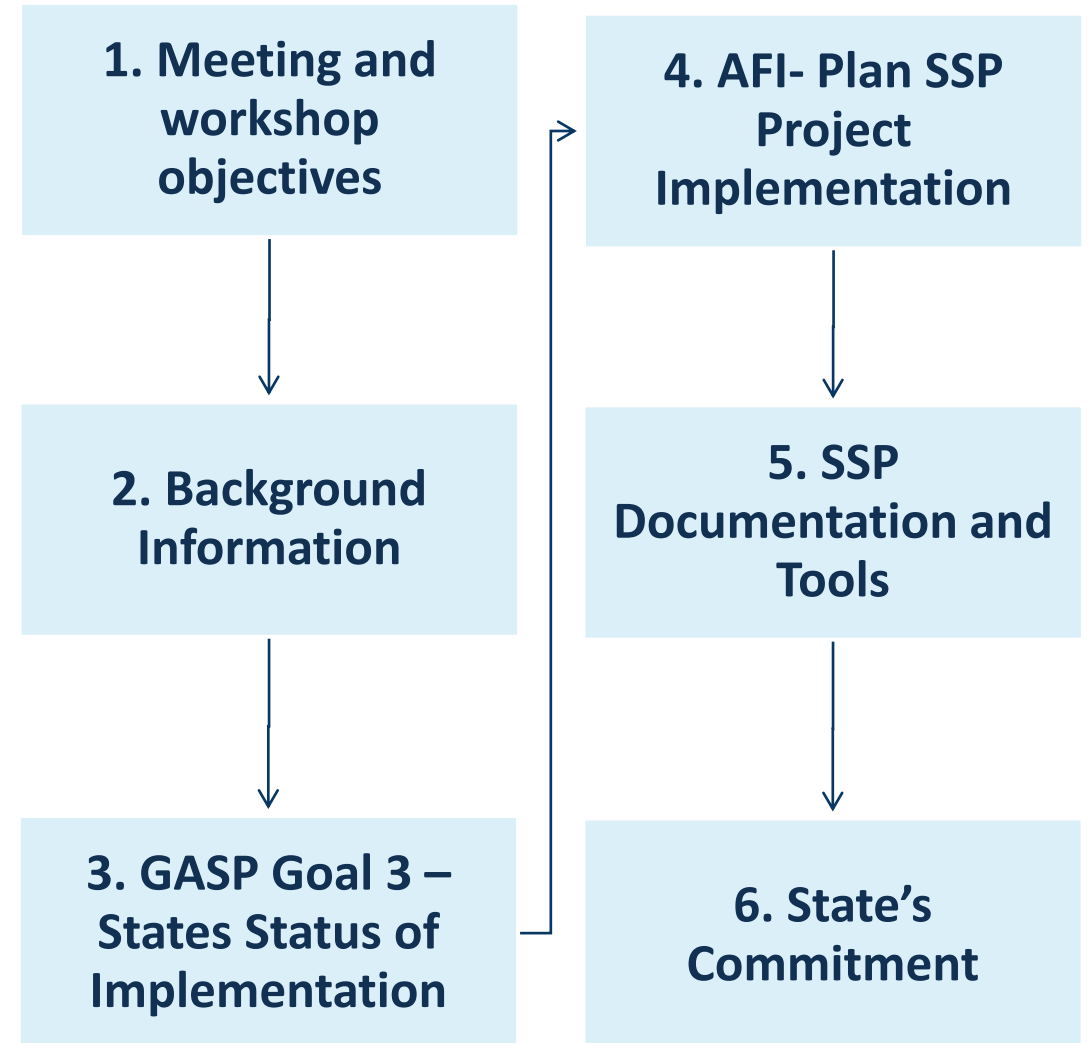
## LAUNCHING MEETING & WORKSHOP

**ESAF and WACAF Regional Offices**

**Agenda item 2**

**SSP implementation Status and AFI-Plan SSP Project**

# Outline





# Launching meeting and workshop objectives

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## ✈ Purpose and objectives:

- Encourage states to make progress in **establishing an effective State Safety Program**
- Present the **AFI-Plan SSP project and outline its objectives**
- **Secure the high-level commitment from the States on the SSP implementation activities.**
- Inform on the **AFI-Plan Projects** to support to States on the Safety Implementation
- Provide an overview of the **Generic SSP documentation available (EN/FR)**

# Background Information

- ➔ The initial establishment of **ICAO Standards** requiring **States to implement a safety Programme** was adopted in amendments to **Annexes 6, 11 and 14**, became applicable on **23 November 2006**.
- ➔ The Standards for the establishment of a State Safety Programme (SSP) have **evolved** and **consolidated in the Annex 19 — Safety Management** (applicable November 2013) and subsequent Amendments 1, which became applicable in **November 2019**.
- ➔ After almost **18 years**, many **States are still facing implementation challenges** resulting in a **significant number of States not starting their SSP implementation journey**.

# Background Information

- ➔ Previous editions of the **Global Aviation Safety Plan (GASP)** stated objectives calling for States to establish an effective safety oversight system prior to implementation an SSP.
- ➔ The **recent revisions of the GASP** has goals and targets, which calls for all States to work on SSP implementation regardless of their USOAP EI.
- ➔ The **GASP is supported by a series of goals, targets and indicators**:
  - **Goal 1: is to achieve a continuous reduction of operational safety risks.**
  - **Goal 2: calls for all States to strengthen their safety oversight capabilities.**
  - **Goal 3: aimed at individual States and calls for the implementation of effective SSPs.**
  - **Goal 4: is aimed at the regions, calls for States to increase collaboration at the regional level to enhance safety**
  - **Goal 5: is directed at industry and aims to expand the use of industry programmes aims to expand the use of industry programmes and safety information sharing networks by service providers .**
  - **Goal 6: focuses on the need to ensure the appropriate infrastructure (air navigation and aerodrome) is available to support safe operations.**

# Background Information

➔ The **GASP Goal 3**, calls for the implementation of **effective State Safety Programmes (SSP)**.

- The goal **addresses organizational challenges faced by States** when implementing an SSP and **includes the implementation of SMS by service providers** within individual States, in accordance with Annex 19.

➔ **Three targets** are associated with this goal, **considers the SSP implementation progress** made by State.

- Target 3.1** : States to **implement the foundation of a State safety programme (SSP)** by **2023**.
- Target 3.2**: States to **publish a National Aviation Safety plan (NASP)** by **2024**.
- Target 3.3**: All States to work towards an **effective SSP** as follows:
  - by **2025** – Present
  - by **2028** – Present and effective

# GASP Goal 3 - Eligible States Status of Implementation

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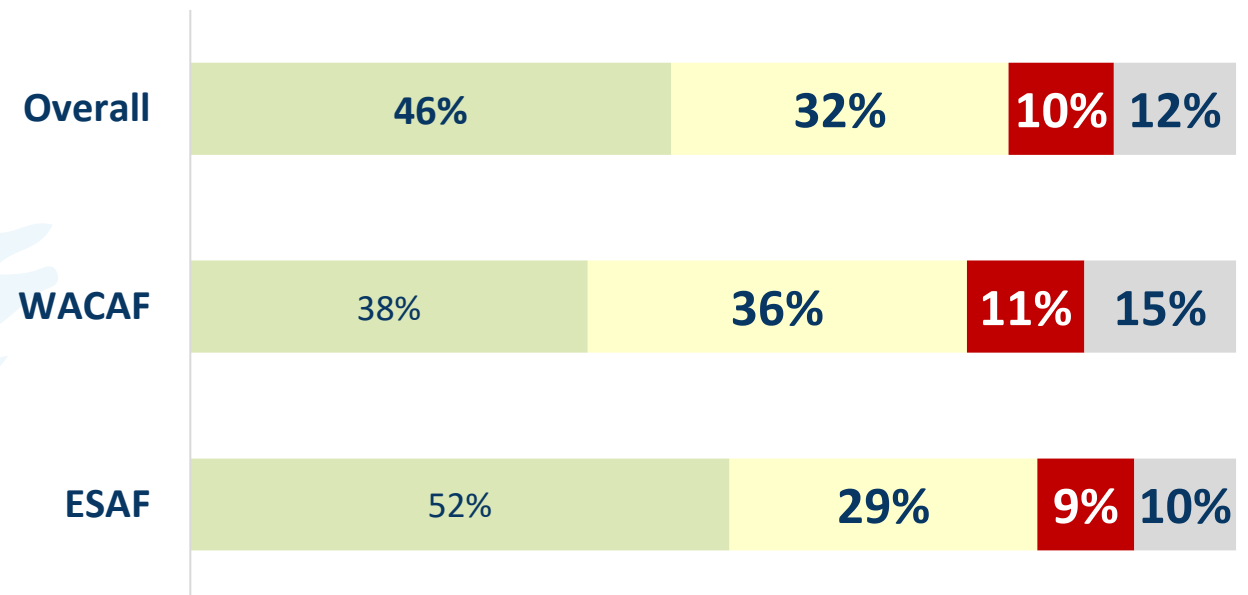
## GASP Goal 3 - Status of Implementation

**Target 3.1:** States to implement the foundation of a State safety programme (SSP) by **2023**.

- Status of **CAPs** to address unsatisfactory SSP Foundation PQs
- **54%** of unsatisfactory FQs CAPs are **yet to be completed**
- **48% ESAF** and **62% WACAF**

### SSP Project - Eligible States FPQs CAPs

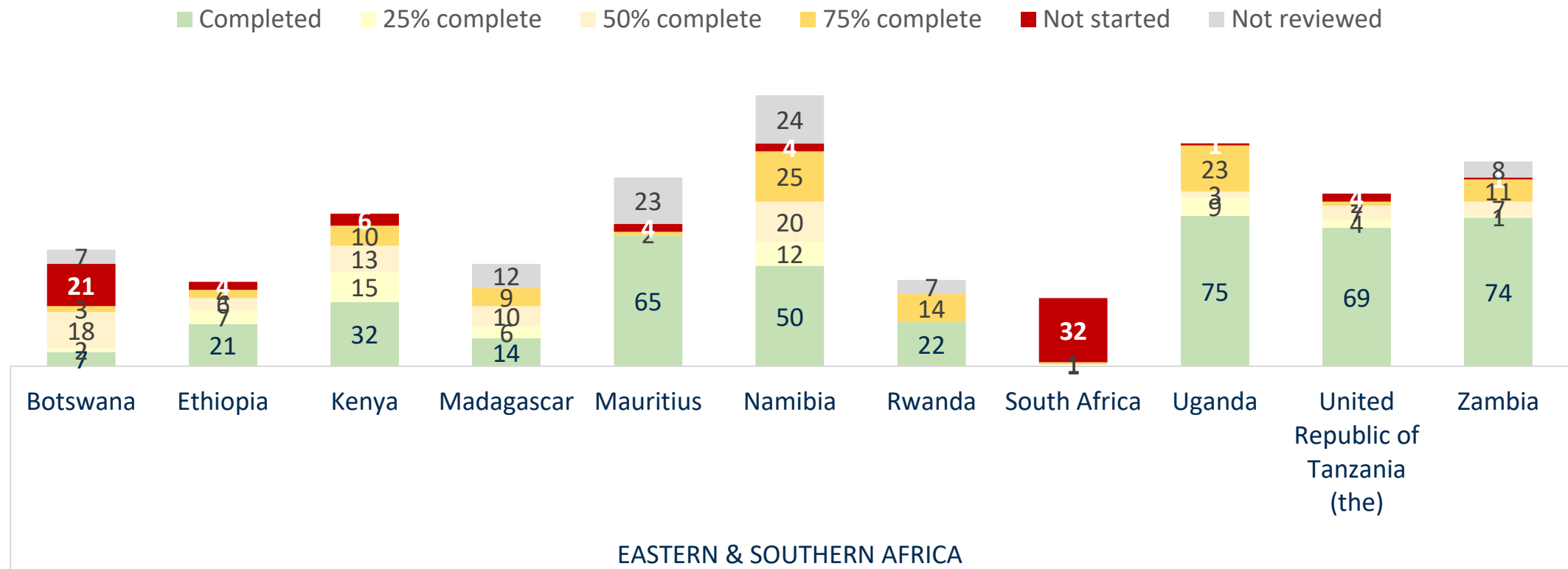
Completed In progress Not Started Not Reviewed



# GASP Goal 3, target 3.1 - Status of Implementation

## ESAF Eligible States - Status of Unsatisfactory Foundation PQs CAPs

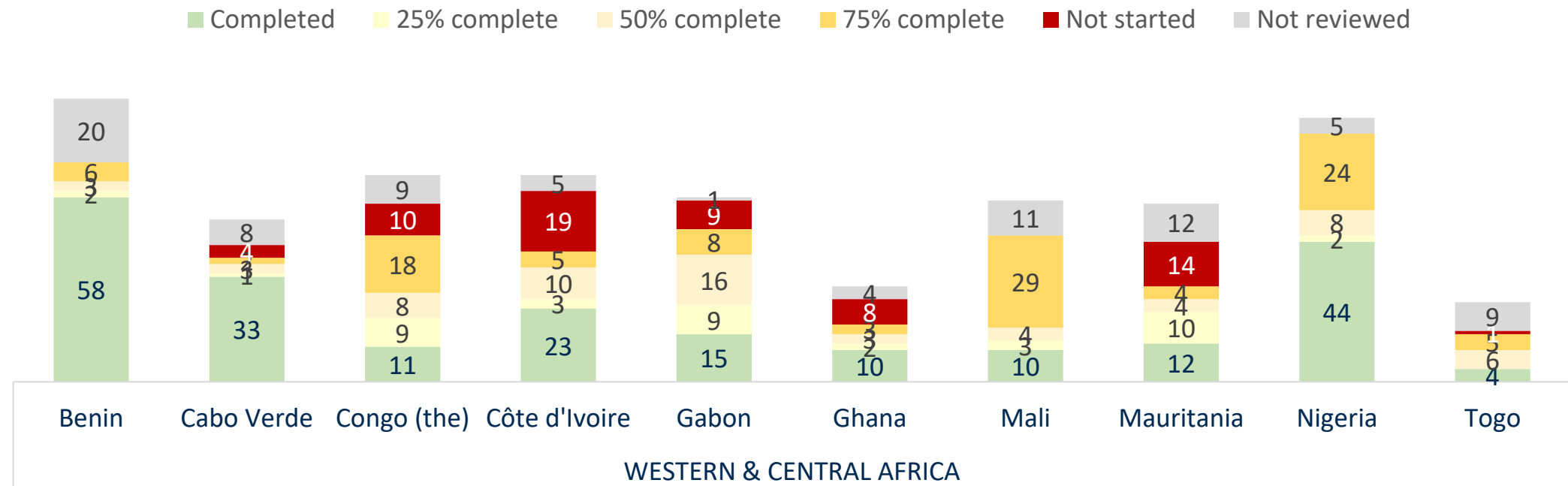
- The ESAF overall Foundation PQs CAPs Status is 10% Not reviewed, 9% Not Started, 29% In progress, 52% completed.



# GASP Goal 3, target 3.1 - Status of Implementation

## WACAF Eligible States - Status of Unsatisfactory Foundation PQs CAPs –

- The WACAF overall Foundation PQs CAPs Status is 15% Not reviewed, 11% Not Started, 36% In progress, 38% completed.



*Note: Nigeria's Information is not updated with the last USOAP- CMA, conducted 30 August 2023*

## GASP Goal 3 - Status of Implementation

### Target 3.2: States to publish a National Aviation Safety Plan (NASP) by 2024

- **79% (38)** of RASG-AFI States are yet to publish in the NASP community
- Only **21% (10 States)** of the RASG-AFI States published the NASP: **4 (17%)** from **ESAF** and **6 (25%)** from **WACAF States**

Region	State/Document	Approved/Effective	Published on NASP Community
ESAF	Ethiopia NASP 2023-2025	Mai-22	Yes
ESAF	Namibia NASP 2023-2025	June - 23	Yes
ESAF	Rwanda NASP	Mar-22	Yes
ESAF	Uganda NASP	25-May-22	Yes
WACAF	Benin NASP	Mai-22	Yes
WACAF	Cabo Verde NASP 2023-2025	Dec-22	Yes
WACAF	Côte d'Ivoire NASP	16-Jun-22	Yes
WACAF	Ghana NASP	18-May-22	Yes
WACAF	Sierra Leone NASP	May-22	Yes
WACAF	Togo NASP 2020-2025	20-May-22	Yes

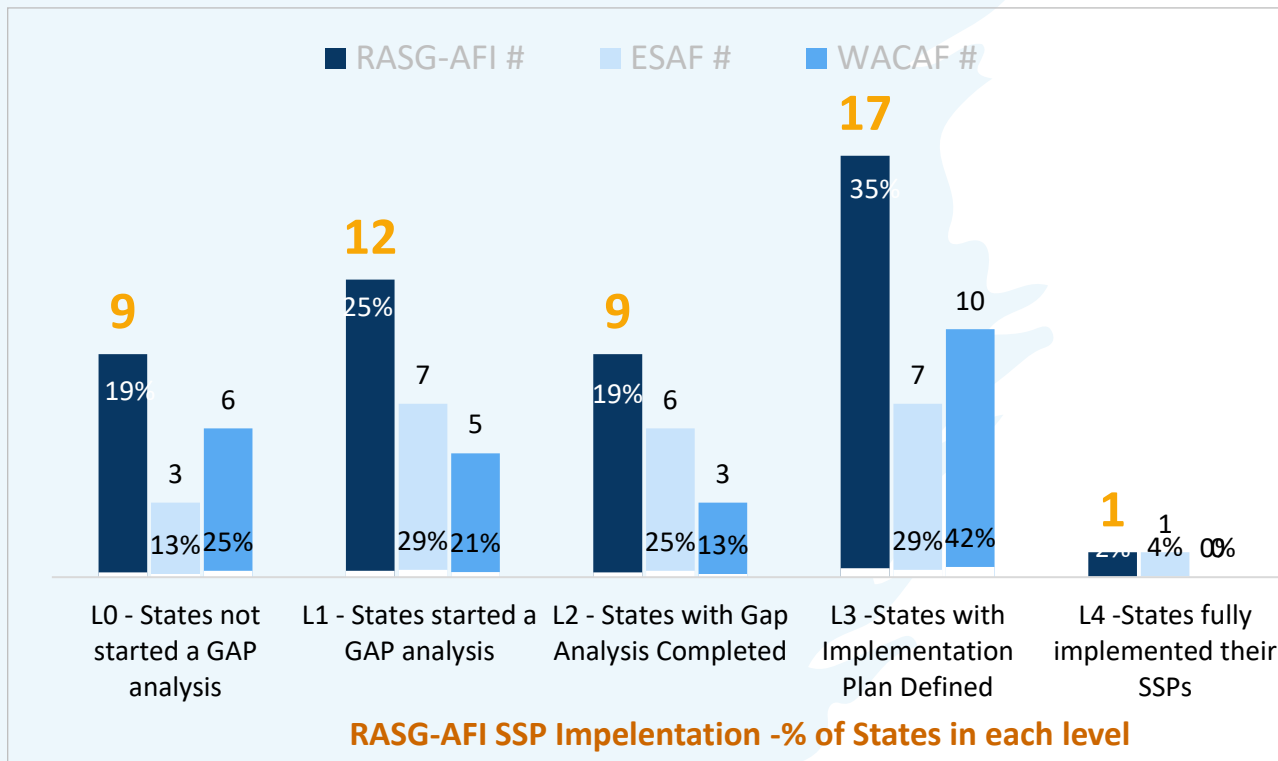
#### Eligible States yet to publish their NASP

- Botswana, Congo, Gabon, Kenya, Madagascar, Mauritius, Mali, Mauritania, Nigeria, South Africa, Uganda, United Republic of Tanzania, and Zambia

# GASP Goal 3 - Status of Implementation

**Target 3.3 : States to work towards an effective SSP as follows by 2025** (Present elements), by **2028** (Present and effective)

- The level of SSP Implementation in the RASG-AFI Region is **44%**
- 63% (30) of States** have yet to establish an SSP Implementation Plan. **One State** (Rwanda) reported **L4** of SSP implementation



SSP Project – Eligible States	
SSP Implementation	
L2	Madagascar, Botswana, Etiópia, Ghana, Uganda
L3	Benin, Cabo Verde, Congo, Cote d'Ivoire, Gabon, Kenya, Mali, Mauritania, Mauritius, Namibia, Nigeria, South Africa, Togo, United Republic of Tanzania, Zambia
L4	Rwanda

Source: As reported by states in iSTARS –GAP analysis 08/01/2024



# GASP Goal 3 - Status of Implementation

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**Target 3.3** : States to work towards an effective SSP as follows by **2025** (Present elements), by **2028** (Present and effective)

## → SSP PQs Implementation Self- Assessment

- **Low level** of SSP PQs Self-Assessment on the OLF
- **Four (3) Eligible States** (Benin, Kenya, Zambia) have started the SSP Self-Assessment on the USOAP-CMA Online Framework

Area	# PQs
GEN	14
SDA	8
PEL	11
OPS	11
AIR	11
ANS	11
AGA	11
AIG	3
<b>Total PQs</b>	<b>80</b>

- **SSPIA Maturity Levels:**
  - **ML0:** Not Present and Not Planned
  - **ML1:** Not Present but Being Worked On
  - **ML2:** Present
  - **ML3:** Present and Effective



# AFI Plan - SSP Project

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# AFI Plan SSP Project - Overview

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<b>Project Title:</b>	State Safety Program (SSP) Project: <b>Support AFI States to establish and implement State Safety Programme.</b>
<b>Executing Agency:</b>	International Civil Aviation Organization (ICAO)
<b>Eligible States:</b>	AFI States ( <b>Benin, Botswana, Cabo Verde, Congo, Côte d'Ivoire, Ethiopia, Gabon, Ghana, Kenya, Madagascar, Mauritius, Mali, Mauritania, Nigeria, Namibia, Rwanda, South Africa, Uganda, United Republic of Tanzania, Togo and Zambia</b> )
<b>Project Duration:</b>	<b>24 Months</b>
<b>Source of Funding</b>	AFI Plan
<b>Strategic Objective:</b>	A - Safety

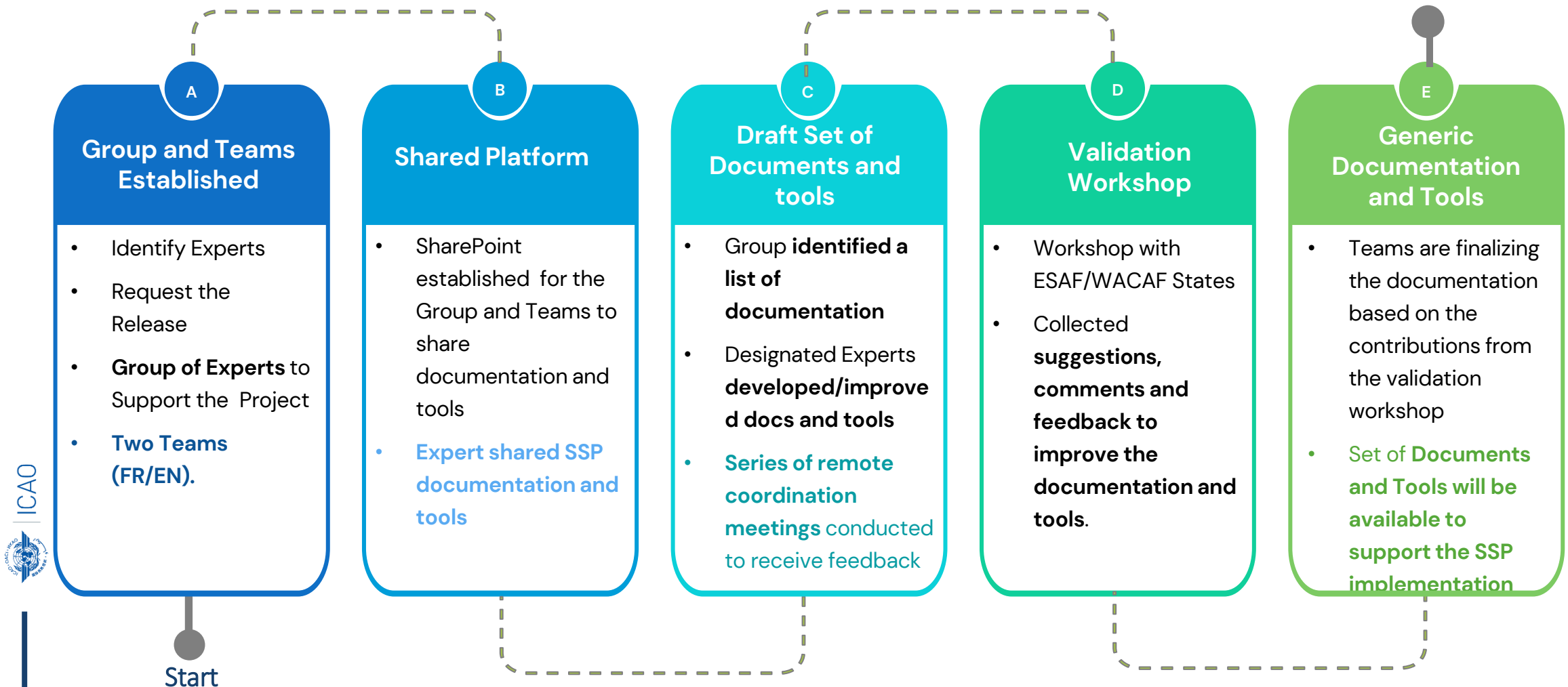
**Note: Other ESAF and WACAF States:** Will continue to be assisted through ROST activities in establishing the foundation of SSP and then **progress towards the implementation of an effective SSP.**

- The **SSP project** developed under the **AFI Plan** was **revised and approved** by the twenty-fifth meeting of the AFI Plan Steering Committee, held in Abuja, Nigeria in May 2022.
- The **26<sup>th</sup> AFI Plan Steering Committee**, held in Nairobi, Kenya in August 2023, approved the second revision of the project to include **additional 11 States**.
- The project main **objectives** are:
  - **Assisting the AFI States to implement the SSP through a phased approach** that ensures States **stablish first the foundation of SSP** and then progress towards the **implementation of an effective SSP**.
  - Establish **cooperative mechanisms for coordination, collaboration, and exchange of information on SSP/SMS implementation**.

# AFI Plan SSP Project - Implementation Activities

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➔ **Phase 1:** Establish Coordination Group, Platform for Sharing Information, and generic SSP Docs

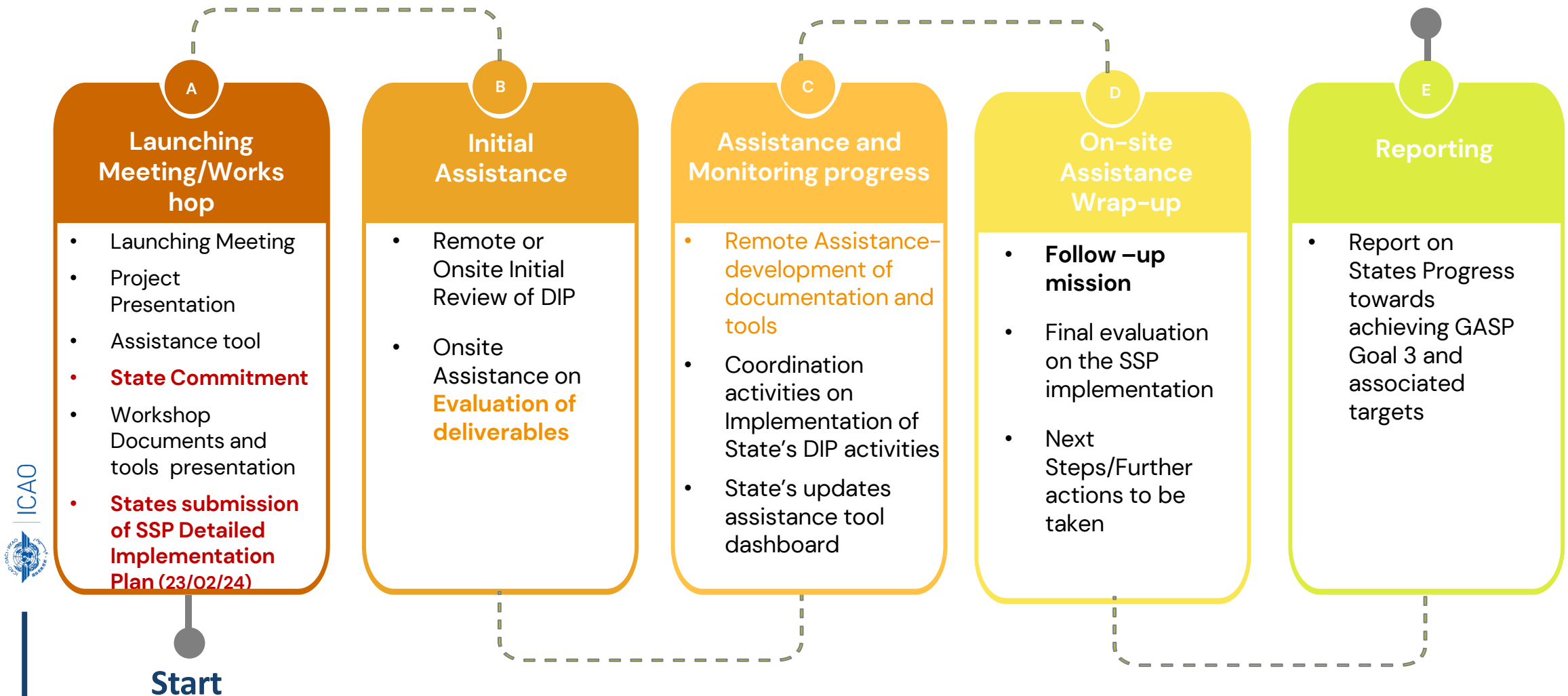


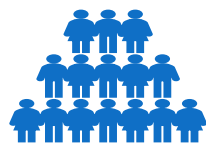


# AFI Plan SSP Project - Implementation Activities

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➔ **Phase 2** : Conduct Assistances to address US FPQs, establish SSP elements and NASP





## Project Team Composition

ESAF and WACAF Regional Officers

**Resource Experts** from States, AFI-CIS, RSOOs, with relevant experience in SSP/SMS implementation

⇒ **Team - FR** Kone Ousmane, N'Bouke Kokouvi Afelete, Coulibaly Siramane, Kelewou Gnimdou, Chaibou Miko, Mbodj Bachir, Mbodj Aliou, Pacôme Ngoyedama, Pelenguei Magnourewa, Rafils Mombouli, Abdelfetah Sidi

⇒ **Team - EN** Ebenezer Adjei, Itেকে Ifeanyi, Loise Mwangi, Lawrence K Amukono, Bongekile Mtlokwa, Keboitihetse Fredy Tong, Mutabaruka Andrew, Lillian Lungu.



## Beneficiary State

Participating Members States ( AFI-Plan SSP Project)

**SSP Coordinator/ Areas Focal Points**

⇒ **States:** SSP Coordinator and Area Focal Points

*State to Nominate their SSP Focal Point as requested by the State letter **2023- T 11/19 – 0796***

- **9 (2 WACAF and 7 ESAF) States yet to respond the State letter**

## ➔ Beneficiary State - Key Tasks and Responsibilities

- Provide the **resources required for SSP implementation**, including the **designation of SSP Focal Point**
- Submit the **Detailed Implementation Plan (DIP)** with all the SSP implementation activities
- Ensure **progress on the SSP implementation activities** in accordance with DIP
- Provide **monthly Status on the SSP implementation progress** and communicate challenges
- Participate in **coordination activities with ROs and assigned SSP Experts**

## ➔ Assigned Resource Expert - Key Tasks and Responsibilities

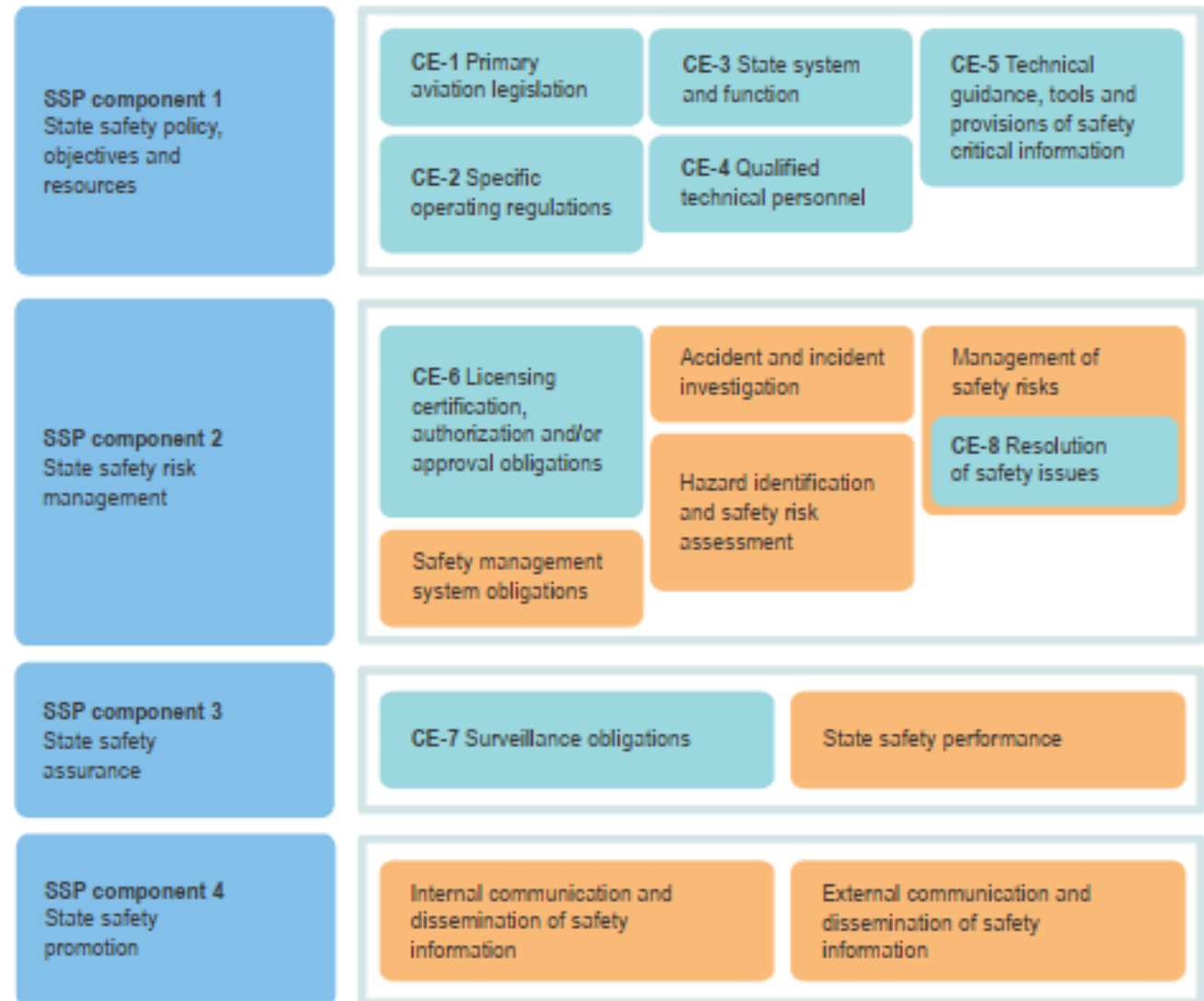
- **Monthly coordinate with State's SSP Coordinator/Focal Point and ICAO RO on State's SSP project work plan implementation progress**
- **Provide remote and onsite assistance** on DIP and SSP implementation activities
- **Support the development and/or customization of Generic documentation and tools**, based on the State's needs
- **Commitment** to put their expertise to support SSP implementation in the assigned State(s).
- **Report on virtual and on-site assistances** conducted and **Final report on State's progress**

# SSP Project Implementation Documentation and Tools



## → Integrated State Safety Programme (SSP)

- The Annex 19 established the **State's safety management responsibilities**, which cover both **safety oversight** and **safety management**, are **interdependent** and constitute an integrated approach towards effective safety management.
- SSP is Programme to meet the **State's safety management responsibilities**, which includes safety oversight





# AFI Plan SSP Project– Generic Documentation and Tools

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**State Safety Programme (SSP):** An integrated set of laws, regulations, policies, objectives, processes and activities aimed at **proactively** managing safety. *(Proposed Annex 19 Amd. 2)*

Set of SSP documentation to support the SSP Project



Generic Legislative provisions



Generic Regulations



Generic Policies, Procedures and Manuals



Generic Guidance Material



Generic Checklists



Generic Forms



Generic Tools

*Note: The generic documents and tools are examples for SSP implementation and are intended to be customized and adjusted to the State's regulatory framework, documentation structure, and specific needs.*

# AFI Plan SSP Project – Generic Documentation and Tools

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## ✈ SSP Project Generic Documentation and Tools – French Team

N°	Titre du document
1	Dispositions relatives au fonctionnement du Comité de Coordination du PNS
2	Formulaire exploitation drone
3	Politique de sécurité de l'aviation civile
4	Plan National de Sécurité
5	Plan de communication PNS
6	Programme de formation PNS SGS
7	Procédure d'acceptation des Manuels SGS
8	Checklist Procédure d'acceptation des Manuels SGS-ANNEXES
9	Processus d'acceptation et de suivi des SPI
10	Procédure d'acceptation et de suivi des SPI
11	Guide relatif à la culture de la sécurité
12	Guide relatif aux systèmes de collectes et de traitement des données SDCPS
13	Guide relatif à l'analyse de sécurité
14	Guide pour la rédaction d'un manuel SGS
15	Fichier de suivi des événements de sécurité
16	Procédure RBO-surveillance basée sur les risques
17	Guide pour la mise en œuvre du SGS
18	Ressources en matière de PNS
19	Considérations relatives à la taille et à la complexité
20	Outil de registre des risques (HIRM- EN)

N°	Titre du document
21	Outil d'auto-évaluation du Plan National de Sécurité (EN)
22	Outil de mise en œuvre et de suivi du PNS (EN)
23	Dispositions de la législation primaire pour le PNS
24	Législation relatives a la mise en œuvre du PNS
25	Règlement relatif à la Gestion de la Sécurité
26	Règlement relatif à la Gestion des événements de sécurité
27	Formulaire de notification obligatoire d'évènement
28	Exigences de formations SGS des prestataires de services
29	Analyse besoins formations
30	Programme de surveillance des SGS
31	Modèle pour la rédaction d'un Manuel PNS
32	Manuel de résolution des problèmes de sécurité
33	Processus d'acceptation initiale et continue des SGS
34	Procédure acceptation des SGS
35	Suivi de l'acceptation des SGS
36	Procédure de Gestion des événements de sécurité
37	Guide pour l'évaluation des SGS
38	Projet SGS (A)
39	Projet SGS (B)
40	Procédure d'identification et de gestion des risques HIRM

# AFI Plan SSP Project – Generic Documentation and Tools

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## ✈ SSP Project Generic Documentation and Tools – English Team

N°	Titre du document
1	SMS Regulations
2	SMS Technical Standards
3	SSP Manual
4	SSP Training Programme
5	Enforcement Manual
6	Technical Guidance Material - Aviation Safety Hazards Identification
7	Technical Guidance Material - How to Conduct Aviation Safety Risk Assessment
8	Risk based Surveillance Procedure
9	Technical Guidance Material - Development of SMS Manual
10	Technical Guidance Material - Identification of Accountable Manager in Fulfilment of SMS Requirement
11	Safety Reporting Procedure
12	Hazard Taxonomy
13	Technical Guidance Material - Measuring Safety Performance (Safety Performance Indicator Guidance)
14	Technical Guidance Material - Management of Change
15	Evaluation of service provider's safety management systems manual
16	Service provider's routine SMS assessment checklist

# AFI Plan SSP Project – Implementation and Monitoring Tools

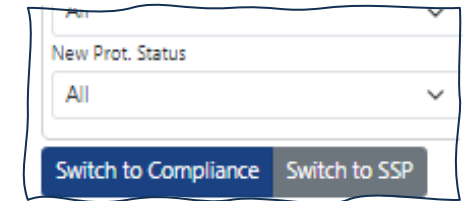
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➔ **USOAP-CMA Online Framework** : <https://soa.icao.int/USOAP/CMAUnifyLogin/Index.aspx?ReturnUrl=%2fusoap&ReturnUrl=%2fusoap>

- **OLF Foundation PQs**: Develop and update Corrective Actions Plans to address **unsatisfactory PQs**
- **OLF SSP implementation (SSP PQs)**: Conduct Self-Assessment to evaluate SSP implementation (Present and effective elements)



Self-Assessment



➔ **iSTARs**: <https://istars.icao.int/Sites/Account/Login?ReturnUrl=%2FSites%2FCatalogue>

- **Foundation PQs**: List of 277 FPQs and Graphs (updated with 2020 version of USOAP-CMA PQs).
- **SSP GAP-Analysis**: conduct/update SSP GAP-Analysis, provide SSP implementation actions



SSP Foundation

Status of SSP Foundation Protocol Questions



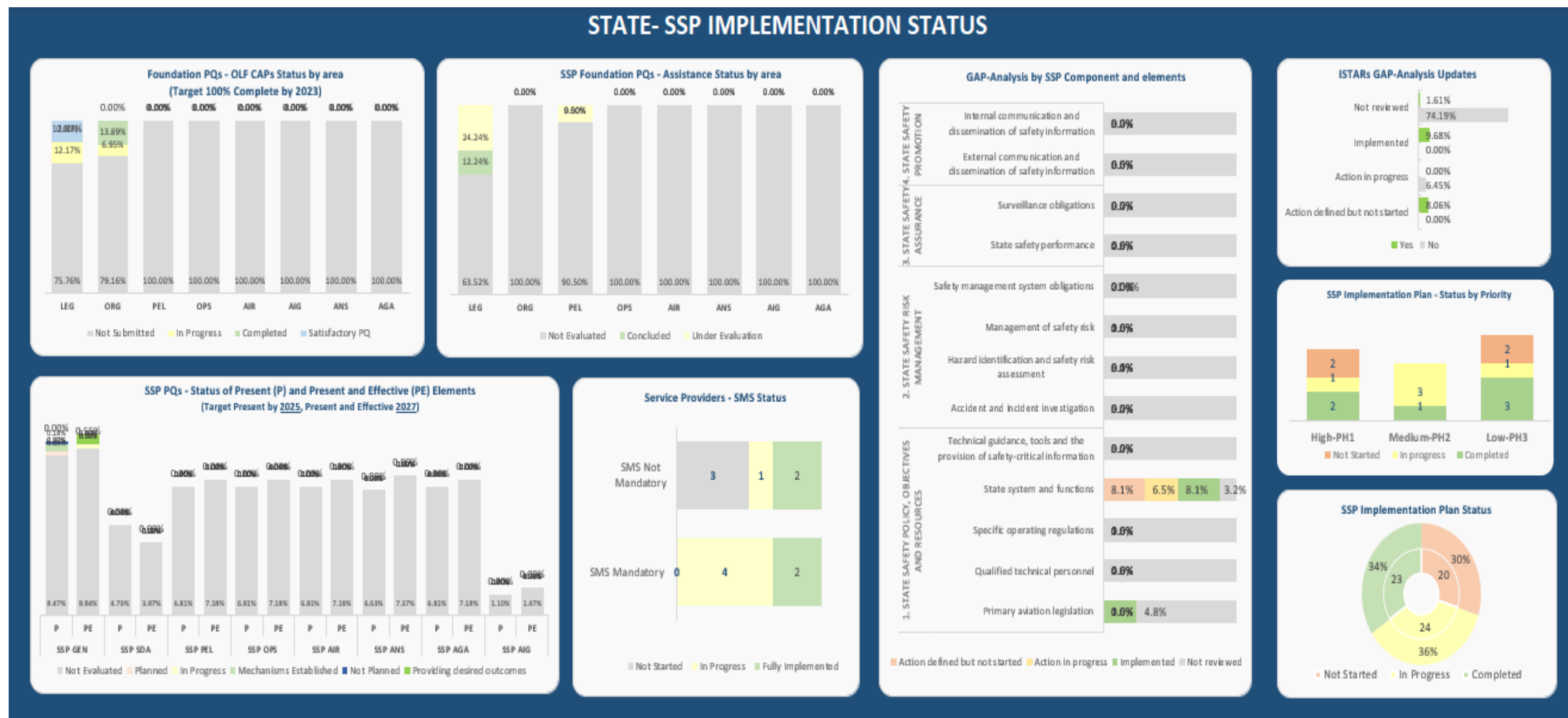
SSP Gap Analysis

State Safety Programs

# AFI Plan SSP Project – Implementation and Monitoring Tools

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## ➔ SSP Project Implementation and Monitoring Tool (SSP-IMT)





States' high  
level  
commitment on  
SSP  
Implementation



# AFI Plan SSP Project – State’s Commitment

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➔ State’s Safety Program Components and Elements to be developed, updated and implemented

SSP Components	Elements
1. STATE SAFETY POLICY, OBJECTIVES AND RESOURCES	<ul style="list-style-type: none"><li>• Primary aviation legislation</li><li>• Qualified technical personnel</li><li>• Specific operating regulations</li><li>• State system and functions</li><li>• Technical guidance, tools and the provision of safety-critical information</li></ul>
2. STATE SAFETY RISK MANAGEMENT	<ul style="list-style-type: none"><li>• Accident and incident investigation</li><li>• Hazard identification and safety risk assessment</li><li>• Management of safety risk</li><li>• Safety management system obligations</li></ul>
3. STATE SAFETY ASSURANCE	<ul style="list-style-type: none"><li>• State safety performance</li><li>• Surveillance obligations</li></ul>
4. STATE SAFETY PROMOTION	<ul style="list-style-type: none"><li>• External communication and dissemination of safety information</li><li>• Internal communication and dissemination of safety information</li></ul>

# AFI Plan SSP Project – State's Commitment

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**Allocate the resources and Nominate SSP Coordinator/Focal Point** that will coordinate with designated Resource Expert and RO on the SSP implementation Activities



**Reevaluate the SSP requirements:** related to the Foundation PQs, SSP GAP-Analysis, SSP PQs and NASP SSP roadmap and develop/update the SSP Detailed Action Plan



**Establish SSP Safety Performance Indicators and commit to SSP implementation and to AFI-Plan SSP Project activities**



**Submit the State's SSP Detailed Implementation Plan ([23 February 2024](#)):** with actions to address the deficiencies (FPQs) and identified gaps (GAP, SSP-PQs, NASP Roadmap), estimated dates for completion, deliverables, and responsibilities (using the **SSP Implementation and Monitoring tool**)



**Ensure SSP implementation progress and periodically communicate and coordinate with the Expert and RO on the progress:** using the SSP Implementation and Monitoring tool

Merci!

Thank you!





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Thank you!  
Merci beaucoup!