Contents

A.N.A.C

Introduction

The State Safety Programme (SSP) is a critical requirement under ICAO Annex 19. It aims to ensure that each State establishes a structured approach to managing aviation safety at the national level.

In Côte d'Ivoire, the implementation of the SSP is both a regulatory commitment and a strategic priority, supported by strong leadership and a step-by-step institutional process.

This presentation shares the practical experience of Côte d'Ivoire in implementing the SSP, its challenges, its achievements, and the lessons learned.

This presentation focuses on the regulatory development aspect, particularly the regulations related to the SDCPS."
- *SDCPS = Safety Data Collection and Processing System*
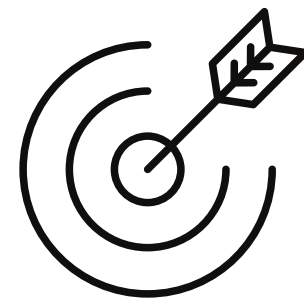
Presentation Objectives: Practical case

- Share the key stages of SSP implementation in Côte d'Ivoire

- Highlight institutional, operational, and regulatory efforts

- Present the results achieved and gaps identified

- Discuss the next steps

Focus on Regulatory Aspect

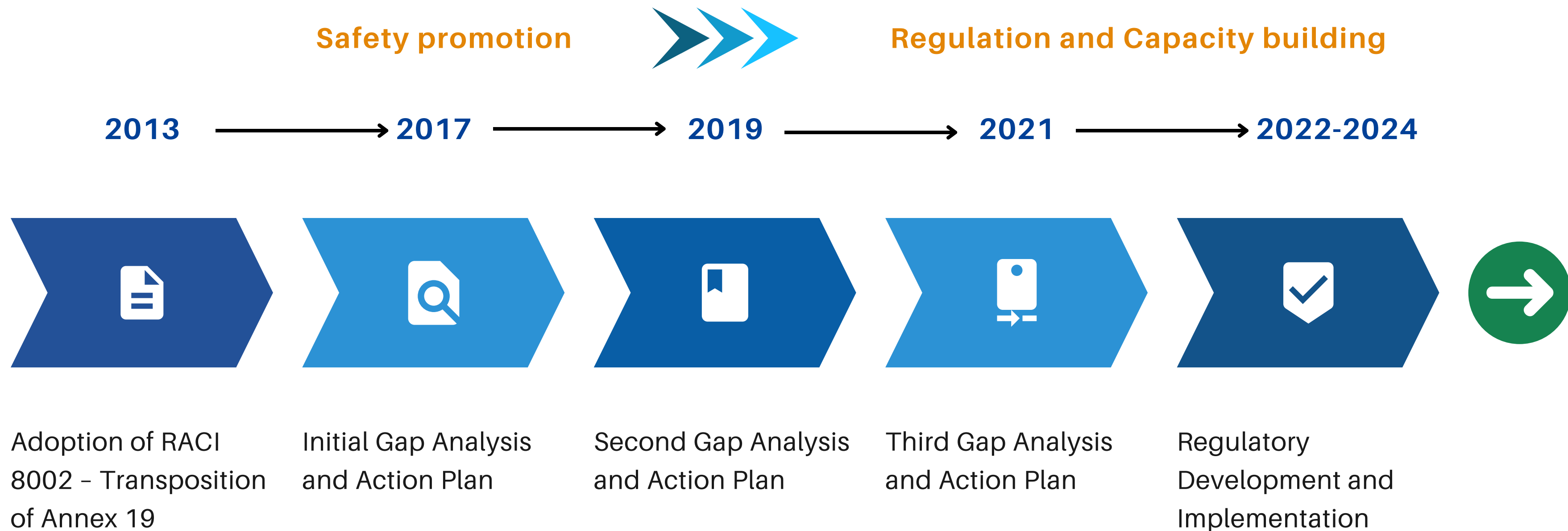# 1- Strategic Framework and PNS Implementation Structure

Goal: Present the regulatory foundations, national commitment, and organizational structure that support the implementation of the State Safety Programme (SSP).

1- Strategic Framework and PNS Implementation Structure

The SSP in Côte d'Ivoire started by following **ICAO's global guidance**. With strong **support from top management**, **a solid structure** was put in place to organize and manage safety at the national level.

Safety promotion →→→ **Regulation and Capacity building**

2013 → **2017** → **2019** → **2021** → **2022-2024**

Adoption of RACI 8002 – Transposition of Annex 19

Initial Gap Analysis and Action Plan

Second Gap Analysis and Action Plan

Third Gap Analysis and Action Plan

Regulatory Development and Implementation

Publication of the NASP

1- Strategic Framework and PNS Implementation Structure

The strong commitment of the Director General was **key to launching the SSP**. It led to the creation of **a solid organizational structure**, with **dedicated human and financial resources to support safety functions** at the national level.

This strong commitment was demonstrated through:

Organization-Strategic

Creation of the Directorate for Safety and Compliance

Financial Ressources

Allocation of a budget for SSP activities

Organization

Establishment of the SSP Sub-Directorate and appointment of SSP focal point for each safety domain

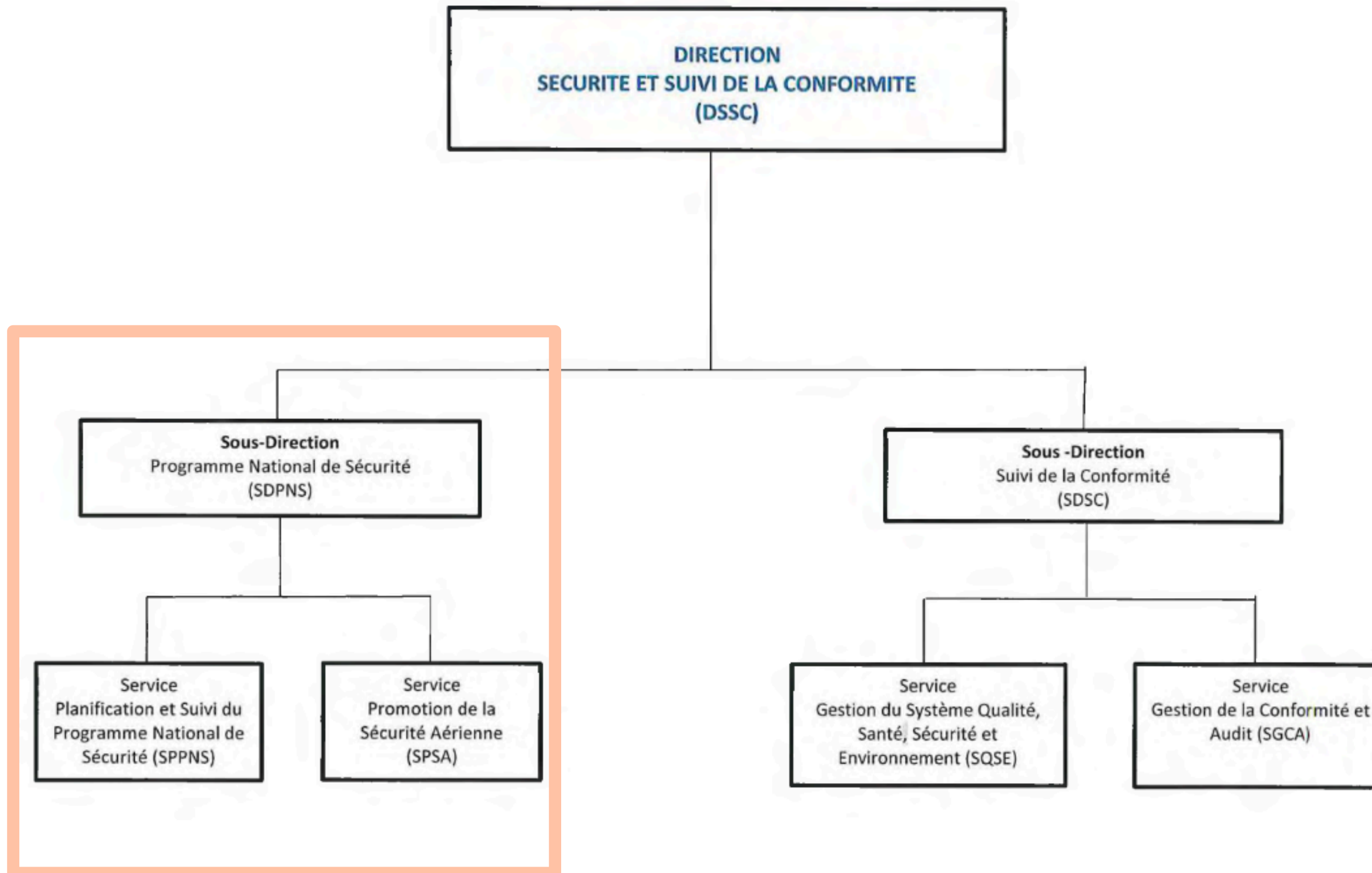# 1- Strategic Framework and PNS Implementation Structure

**Overview of the Established Directorate:**

1- Strategic Framework and PNS Implementation Structure

- **Key Actions Following the Establishment of the Organizational Structure:**

N°	Key action	Elements
1	**Training of key stakeholders** Capacity-building sessions were organized on core safety topics.	· State Safety Programme (SSP) · Safety Management Systems (SMS) · Human Factors
2	**Field engagement with service providers** The SSP team conducted a site visit to meet with SMS Managers at the airport platform.	· Identify their operational needs · Understand their challenges · Collect suggestions for system improvement
3	**Comprehensive gap analysis and action plan** A new, broader gap analysis was carried out, resulting in a structured action plan of **114 actions.**	· Organizational systems · Training and capacity building · Coordination and safety promotion · Risk management · **Regulatory development**

2-Operational Implementation and Regulatory Development
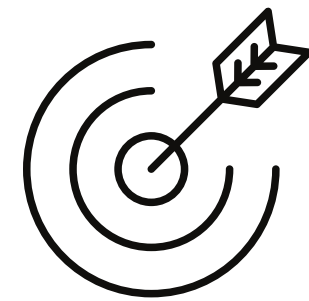
Goal: Show how the SSP was implemented in practice and supported by a structured regulatory and documentation framework.

# 2-Operational Implementation and Regulatory Development

With a strong organizational structure in place, Côte d'Ivoire moved forward with the operational implementation of the SSP, while strengthening the regulatory framework to support sustainable and effective safety management across the aviation sector.

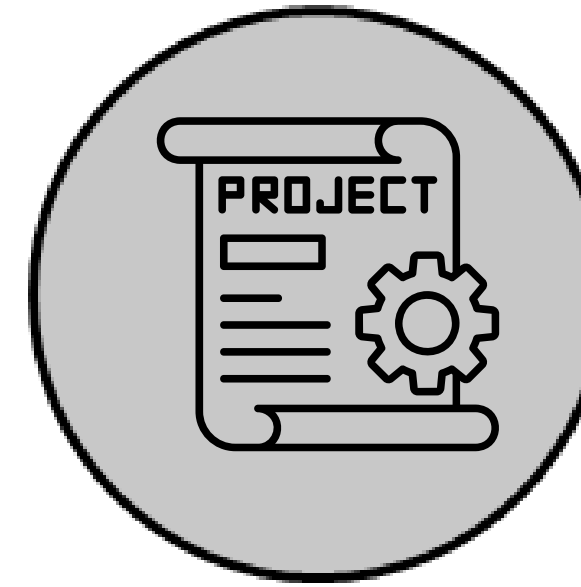# 2-Operational Implementation and Regulatory Development

Key Success Factors or Prerequisites
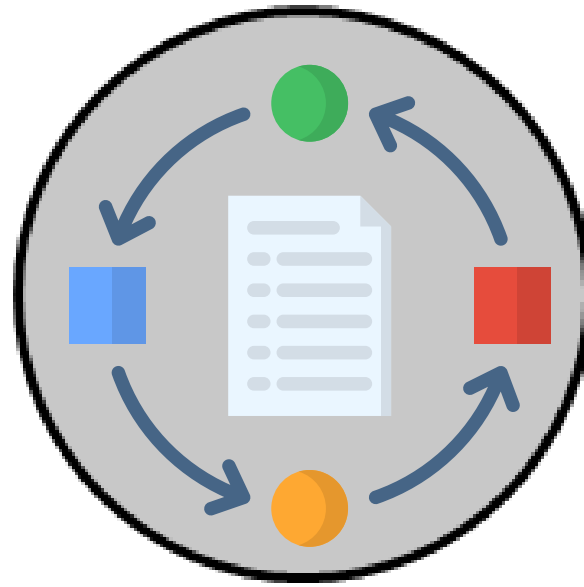
Existence of a mechanism (procedure) for the development and adoption of regulations

A well-established, functional, and effective Regulation Committee

Management of regulation development through project-based planning, including stakeholder consultation
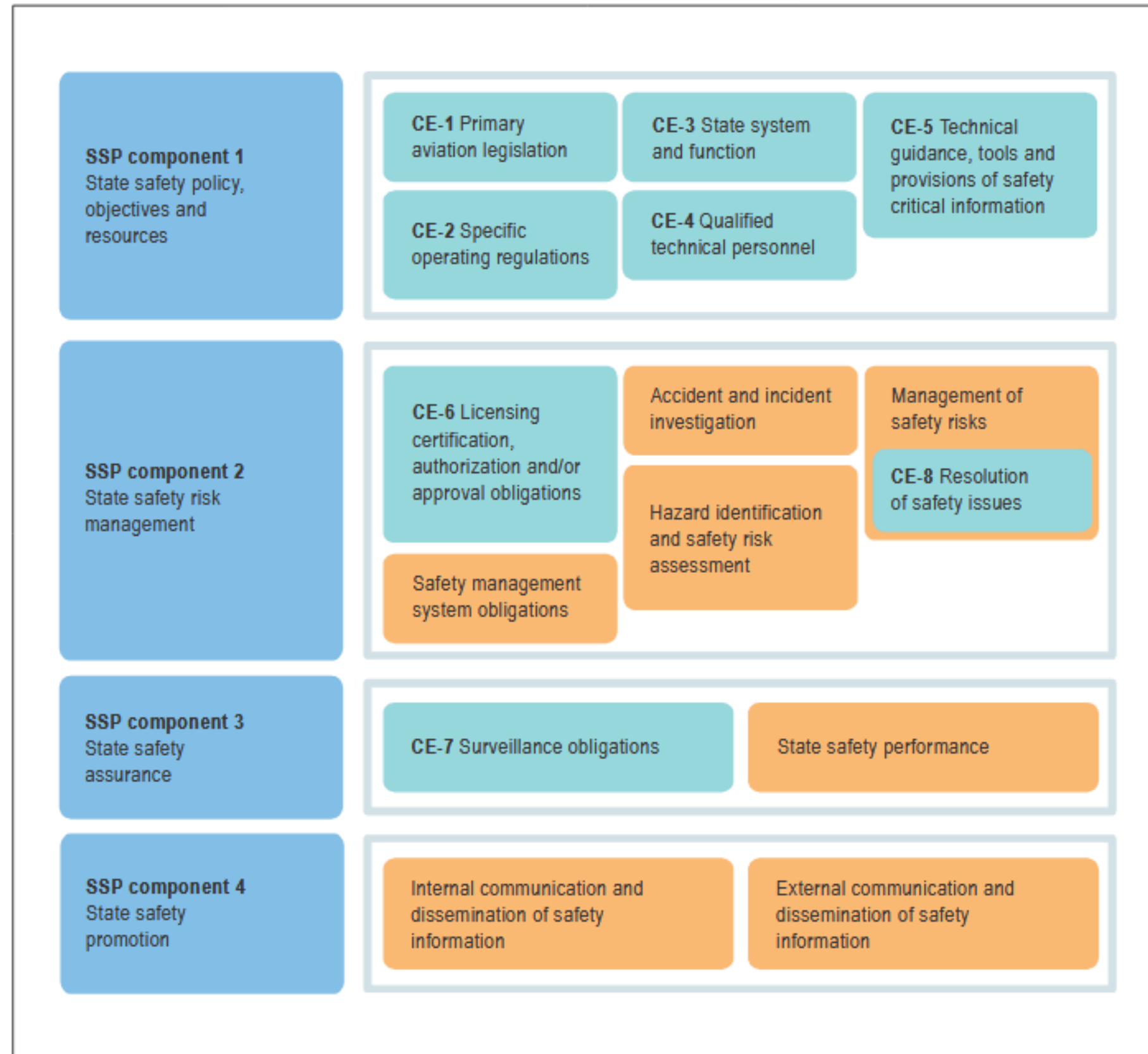
Good coordination between the SSP team and other safety domains

2-Operational Implementation and Regulatory Development

Key Success Factors or Prerequisites

SSP component 1
State safety policy, objectives and resources

- **CE-1** Primary aviation legislation
- **CE-3** State system and function
- **CE-5** Technical guidance, tools and provisions of safety critical information
- **CE-2** Specific operating regulations
- **CE-4** Qualified technical personnel

SSP component 2
State safety risk management

- **CE-6** Licensing certification, authorization and/or approval obligations
- Accident and incident investigation
- Management of safety risks
- **CE-8** Resolution of safety issues
- Hazard identification and safety risk assessment
- Safety management system obligations

SSP component 3
State safety assurance

- **CE-7** Surveillance obligations
- State safety performance

SSP component 4
State safety promotion

- Internal communication and dissemination of safety information
- External communication and dissemination of safety information

Regulatory development must comprehensively cover all components and elements of the SSP. Some may require the creation of new documentation, while others may simply need amendments to existing texts. **This underscores the critical importance of a thorough gap analysis.**

2-Operational Implementation and Regulatory Development

Key Success Factors or Prerequisites
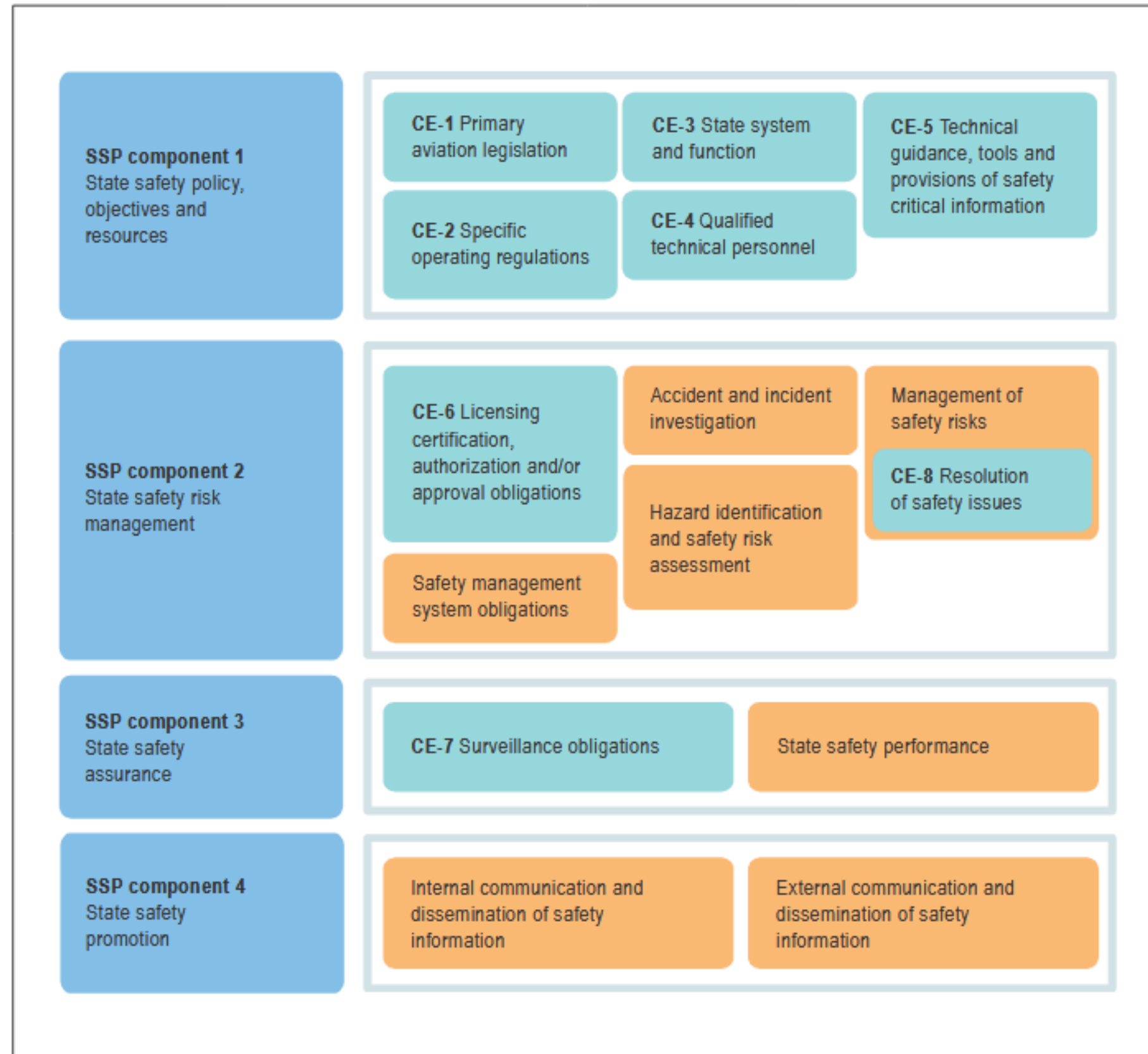
Some approaches adopted following the gap analysis:

- Benchmarking and document review with States that are more advanced in SSP implementation
- Utilization of ICAO's online safety management platform, which provides resources and documents from other States
- Technical assistance from ICAO

2-Operational Implementation and Regulatory Development

List of regulations to be developed or amended based on the gap analysis and progress status:

■ Developed and Published   ■ Pending Validation   ■ In developpement

Component	Document
Component 1 : State Safety Policy and Objectives	Legislation Establishing the SSP
	Provisions of Primary Legislation for the SSP
	Provisions on the Functioning of the PNS Coordination Committee
	Civil Aviation Safety Policy
	National Aviation Safety Plan (NASP)
	SSP Training Needs Analysis
	SSP Training Programme
	SSP Resources needs Analysis
	Regulation on Safety Management
	Regulation on Safety Events Management
	SMS Training Requirements for Service Providers
	SSP Document

2-Operational Implementation and Regulatory Development

Component	Document
	SMS Manuals Acceptance Procedure
	Guide for Writing an SMS Manual
	Guide for SMS Implementation
	Considerations on Size and Complexity of the SMS
	Initial and Continuous SMS Acceptance Requirements
	SMS Acceptance Procedure
Component 2: Safety Risk Management at state Level	Manual for Resolving Safety Issues
	Guide on Data Collection and Processing Systems (SDCPS)
	Guide on Safety Analysis
	Manual for Resolving Safety Issues
	Safety Events Management Procedure
	Manual for collecting, processing , analyzing, sharing and protecting safety data and information
	HIRM Risk Identification and Management Procedure

2-Operational Implementation and Regulatory Development

	Developed and Published		Pending Validation		In developpement

Component	Document
Componet 3 : Safety Assurance at State Level	RBO Procedure – Risk-Based Oversight
	SMS Surveillance Programme
	Procedure for evaluating the SSP effectivness
	SMS Acceptance Monitoring
	Guide for SMS Evaluation
	Procedure for monitoring state safety performance
	Service providers SPI Acceptance and Monitoring Requirements
	Service providers SPI Acceptance and Monitoring Procedure

2-Operational Implementation and Regulatory Development

🟩 Developed and Published   🟦 Pending Validation   🟨 In developpement

Component	Document
Component 4: State Safety Promotion	SSP Communication Plan
	Procedure for safety promotion
	Guide on Safety Culture

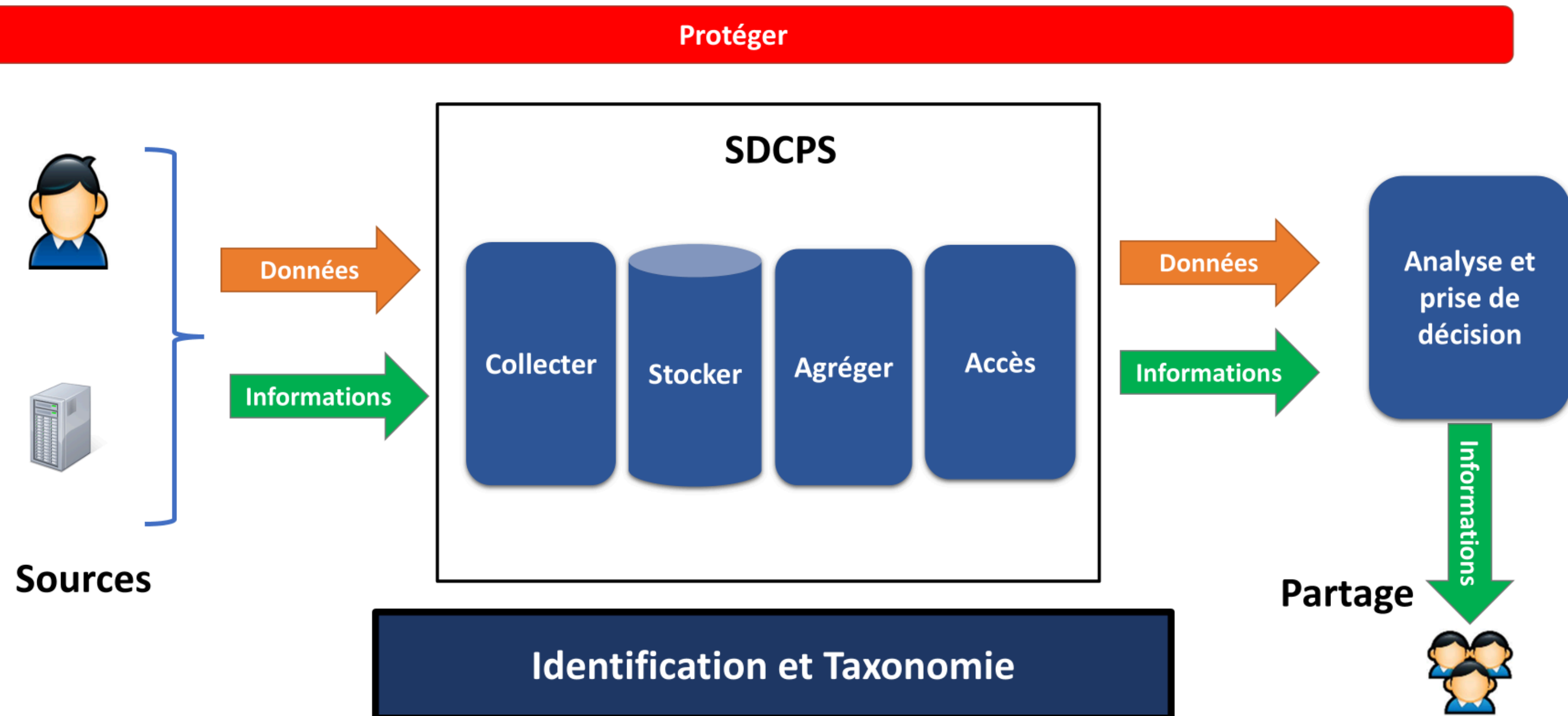🟩 Developed and Published   🟦 Pending Validation   🟨 In developpement

28   **5**   **3**
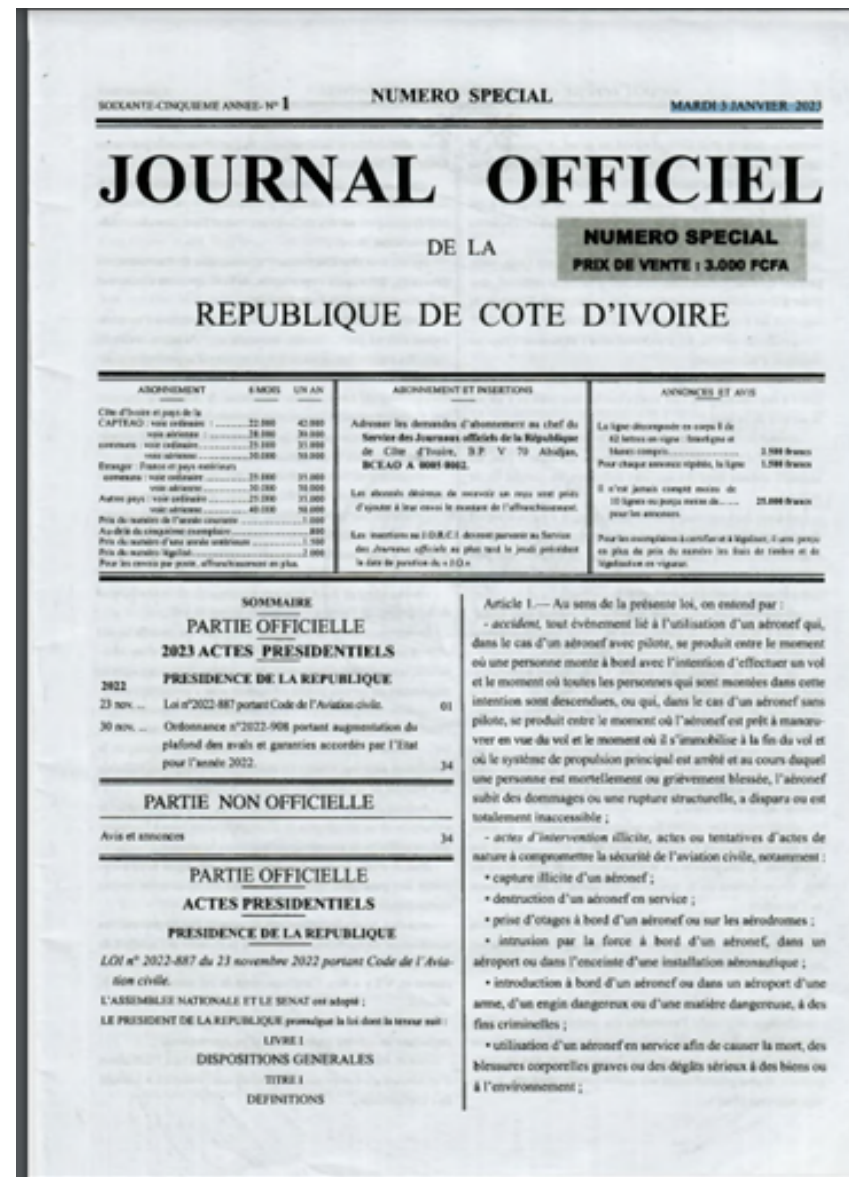
Focus on the Regulatory Framework for the SDCPS

2-Operational Implementation and Regulatory Development

Focus on the Regulatory Framework for the SDCPS

CHAPITRE 3

Données et informations de sécurité de l'aviation civile

Art. 252.— L'ANAC met en place un système national de collecte et de traitement, de partage et d'échange des données et informations de sécurité de l'aviation civile.

Art. 253.— Les données et informations de sécurité ainsi que leurs sources connexes sont protégées.

Les modalités de protection des données de sécurité et des informations de sécurité sont définies par décret.
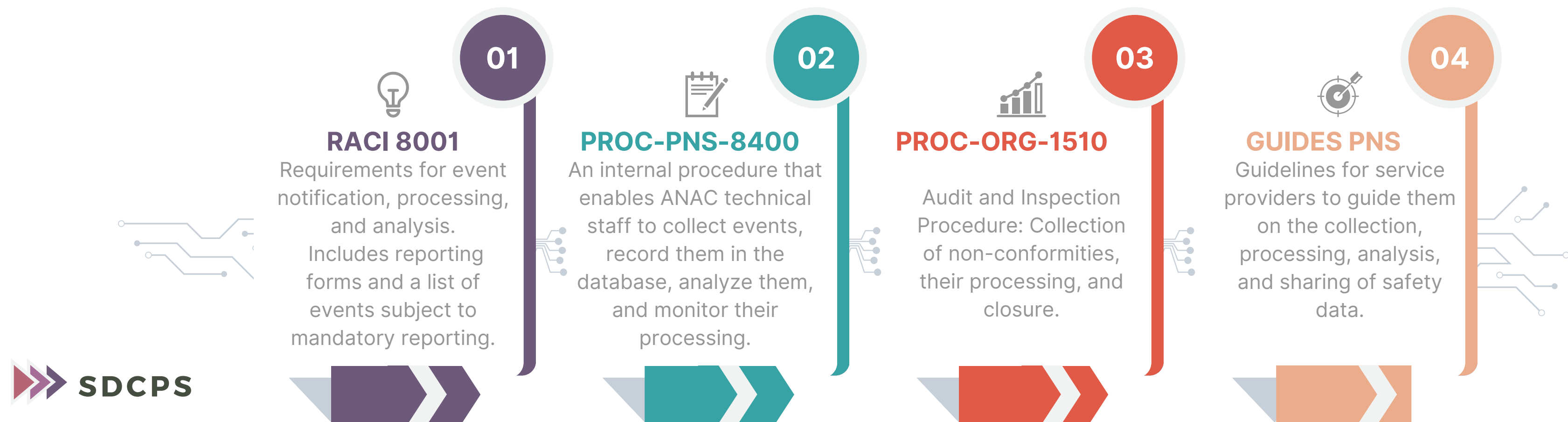
The establishment of an SDCPS is stipulated in the Law on the Civil Aviation Code of Côte d'Ivoire, under Book VII – Safety Management. This law was promulgated on November 23, 2022.

2-Operational Implementation and Regulatory Development

Focus on the Regulatory Framework for the SDCPS

A regulation was developed and updated to establish requirements for voluntary and mandatory reporting systems, as well as for the storage, processing, analysis, and sharing of data through RACI 8001 on safety event management. In addition, internal procedures were developed to manage notifications submitted through this system.
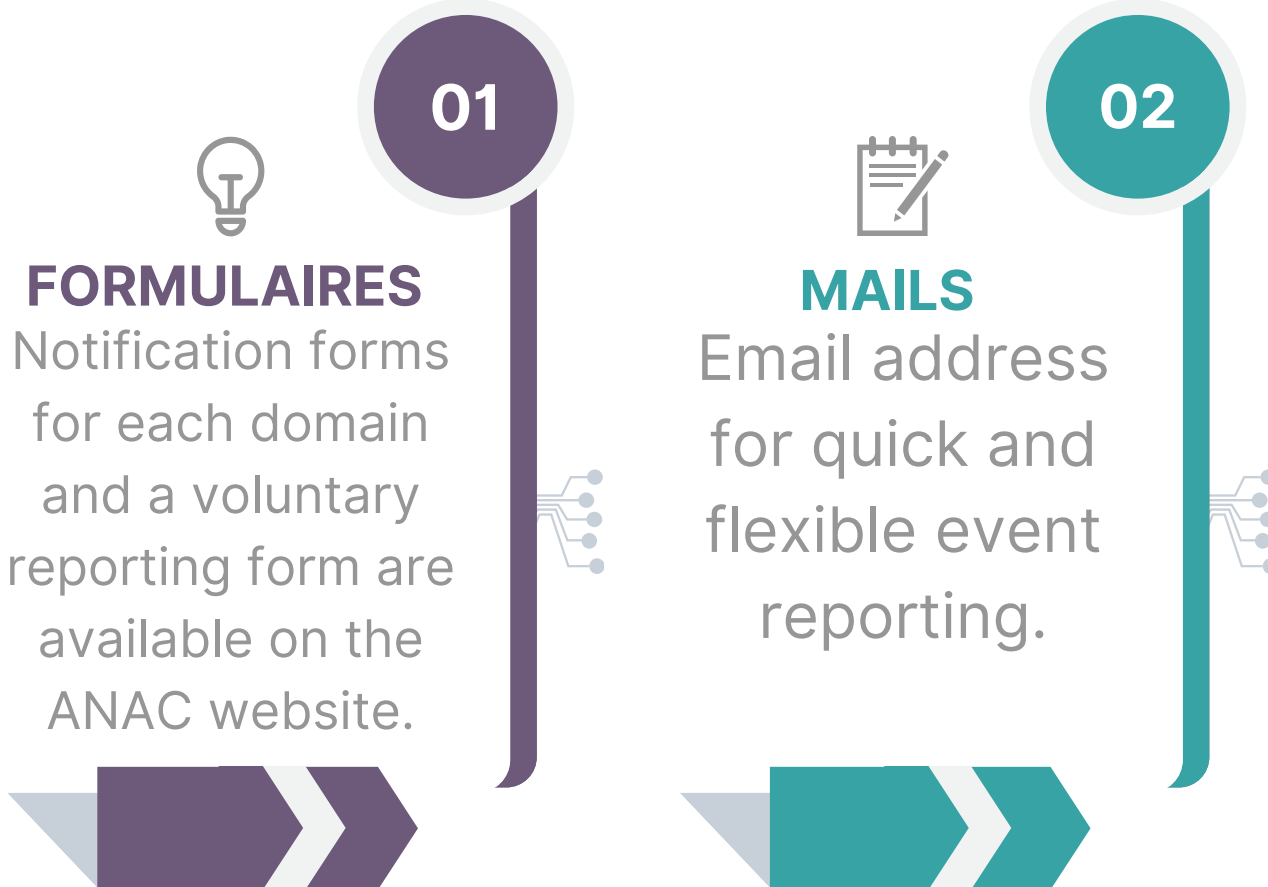
01

RACI 8001
Requirements for event notification, processing, and analysis. Includes reporting forms and a list of events subject to mandatory reporting.

02

PROC-PNS-8400
An internal procedure that enables ANAC technical staff to collect events, record them in the database, analyze them, and monitor their processing.

03

PROC-ORG-1510
Audit and Inspection Procedure: Collection of non-conformities, their processing, and closure.

04

GUIDES PNS
Guidelines for service providers to guide them on the collection, processing, analysis, and sharing of safety data.

SDCPS

2-Operational Implementation and Regulatory Development

Tools and Channels

To support the implementation of the requirements, additional tools and channels have been established alongside the guidelines.

SDCPS

01
FORMULAIRES
Notification forms for each domain and a voluntary reporting form are available on the ANAC website.

02
MAILS
Email address for quick and flexible event reporting.

evenementsecurite@anac.ci

EMAIL

FORM-PNS	Formulaire de collecte d'évènements et d'incidents sur les aéroports. (Edition 1 Amendement)
FORM-AGA-6510	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - AERODROME (Edition 1 Amendement)
FORM-AIR-4501	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - MAINTENANCE OU GESTION DE MAINTIEN DE NAVIGABILITE (Edition 1 Amendement)
FORM-ANAC-DGR-004	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - MARCHANDISES DANGEREUSES (Edition 1 Amendement)
FORM-ANS-5530	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - NAVIGATION AERIENNE (Edition 1 Amendement)
FORM-OPS-038	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - TRANSPORT AERIEN COMMERCIAL (Edition 1 Amendement)
FORM-OPS-039	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - ASSISTANCE EN ESCALE (Edition 1 Amendement)
FORM-OPS-040	FORMULAIRE DE NOTIFICATION OBLIGATOIRE D'EVENEMENT DE SECURITE - AVIATION GENERALE (Edition 1 Amendement)
FORM-PNS-8700	FORMULAIRE DE COMPTES-RENDUS VOLONTAIRES EN MATIERE DE SECURITE D'AVIATION CIVILE (Edition 1 Amendement)

FORMS

Tools and Channels

Date arrivée	Emetteur	Date évènement	Délai notification	Cause rapportée	Classification primaire	Description évènement	Lieu évènement	Element mis en cause	Exploitant	Resp. Traitement Exploitant	Responsable Suivi du traitement (Direction ANAC)	Etat de traitement	Observation
3-janv.-23	VRE	2-janv.-23	1		TECH	Alerte TCAS (T.A.) lors du vol HF741 du 02/01/2023		TU-TSQ	VRE	VRE	DSNAA	clôturé	1-VRE-23 Clôturé au niveau de la DSV (voir avec DSNAA)
10-janv.-23	VRE	7-janv.-23	3		TECH	survenue d'un AIR ENG1+2 BLEED FAULT et ENG1 BLEED HI TEMP lors du vol HF803 du 07 janvier 2023 opéré par le TU-TSV.	NSI et ABJ	TU-TSV	VRE		DSV	clôturé	2-VRE-23
10-janv.-23	VRE	9-janv.-23	1		TECH	survenue d'un AIR ENG1+2 BLEED FAULT en approche finale lors du vol HF820 du 09 janvier 2023 opéré par le TU-TSV.	FINAL APP FKKD	TU-TSV	VRE		DSV	clôturé	3-VRE-23
10-janv.-23	VRE	9-janv.-23	1		HUM	mauvaise coordination avec l'assistance au sol lors du vol HF711 du 09 janvier 2023 opéré par le TU-TSY.	GABS PARKING	TU-TSY			DSV	en cours	4-VRE-23
16-janv.-23	non connu	12-janv.-23	4			Atterrissage/décollage d'un aéronef immatriculé TUHAJ au complexe sportif de YOPOUGON			Ivoire Hélicoptère		DSNAA-DSV	clôturé	clôturé par ANS
16-janv.-23	VRE	14-janv.-23	2		ENV	@18h35 @around 200 ft AGL bird strike (nose of aircraft)	Short final 21	TU-TSY	VRE		DSV-DSNAA	clôturé	5-VRE-23 clôturé par DSV
17-janv.-23	ASECNA	6-janv.-23	11		TECH	BEL23B, évolue dans l'espace aérien sans contact RADAR suite à une panne de son transpondeur. BEL23B, est pris en charge au travers des procédures de panne transpondeur et attérit en piste 21 à 20h39.	CTR ABJ	OOSFB	BRUSSEL AIRLINE		DSNAA	clôturé	voir fichier ANS
17-janv.-23	ASECNA	8-janv.-23	9		ENV	RAM533X, après atterissage informe avoir heurté un oiseau du seuil de piste 21 pendant son atterissage. L'unité PPA avisé, a réalisé une isnpection de piste et un effarouchement. Une carcasse d'un moineau éperonné ramassé. Cette information a été communiquée au piloté.	CTR ABJ	CNROT	ROYAL AIR MAROC		DSNAA	clôturé	soit-transmis d'ANS à AGA(voir fichier ===>voir AGA pour confirmation de clô

DATA BASE

They allow data entry as well as monitoring. They consist of Excel files.

SAFETY MEETINGS

Framework for the exchange and sharing of safety data and information.

SAFETY BULLETINS

Safety bulletins have been issued and shared since 2020

SDCPS

2-Operational Implementation and Regulatory Development
Tools and Channels

AUDITS AND INSPECTION DATA

DATA BASE

They allow data entry as well as monitoring. They consist of Excel files.

Constat	Item	Analyse du risque associé à la non-conformité					
		Danger générique	Danger spécifique	Evènement redouté	Conséquence ultime	Probabilité	Gravité

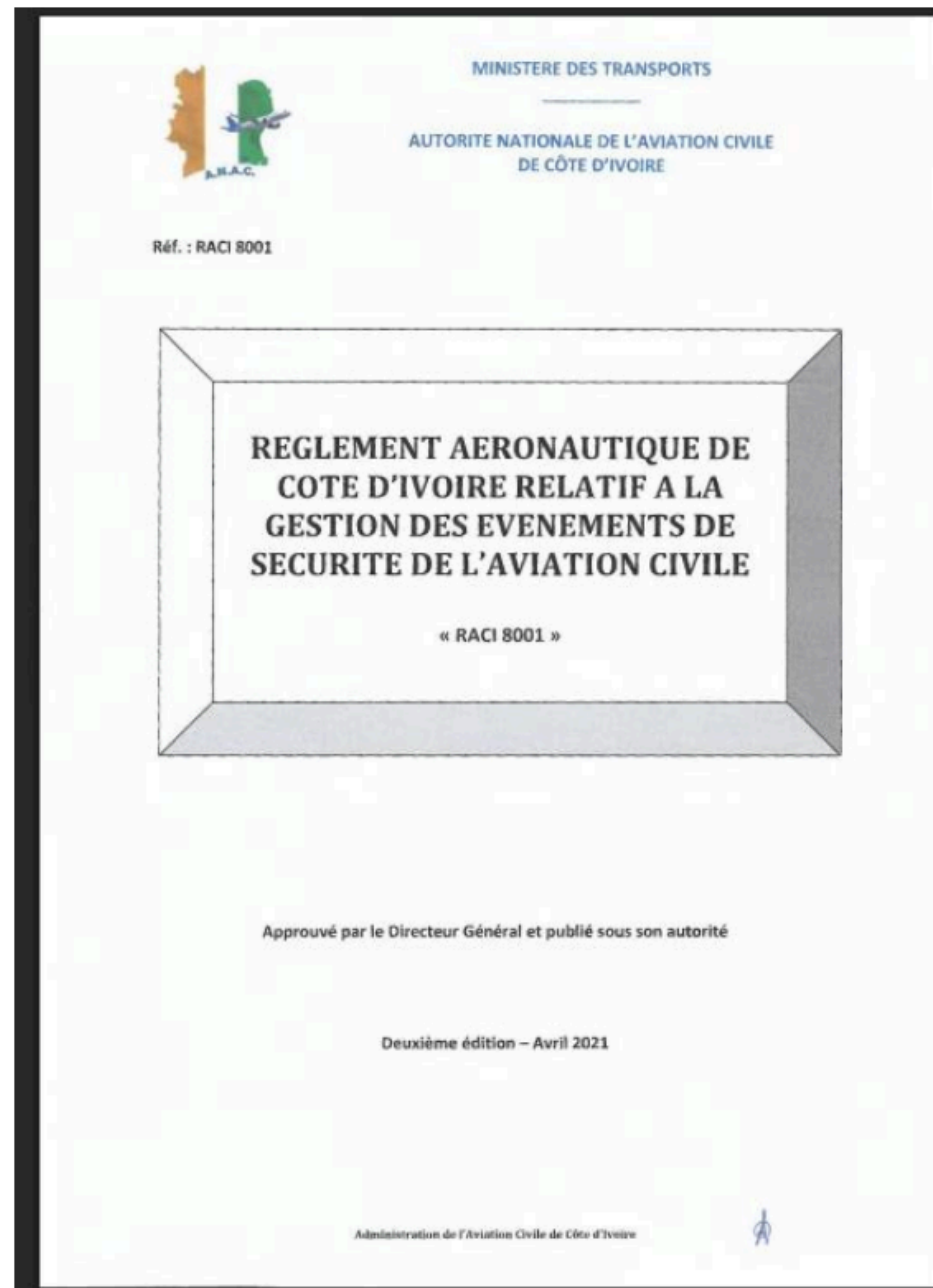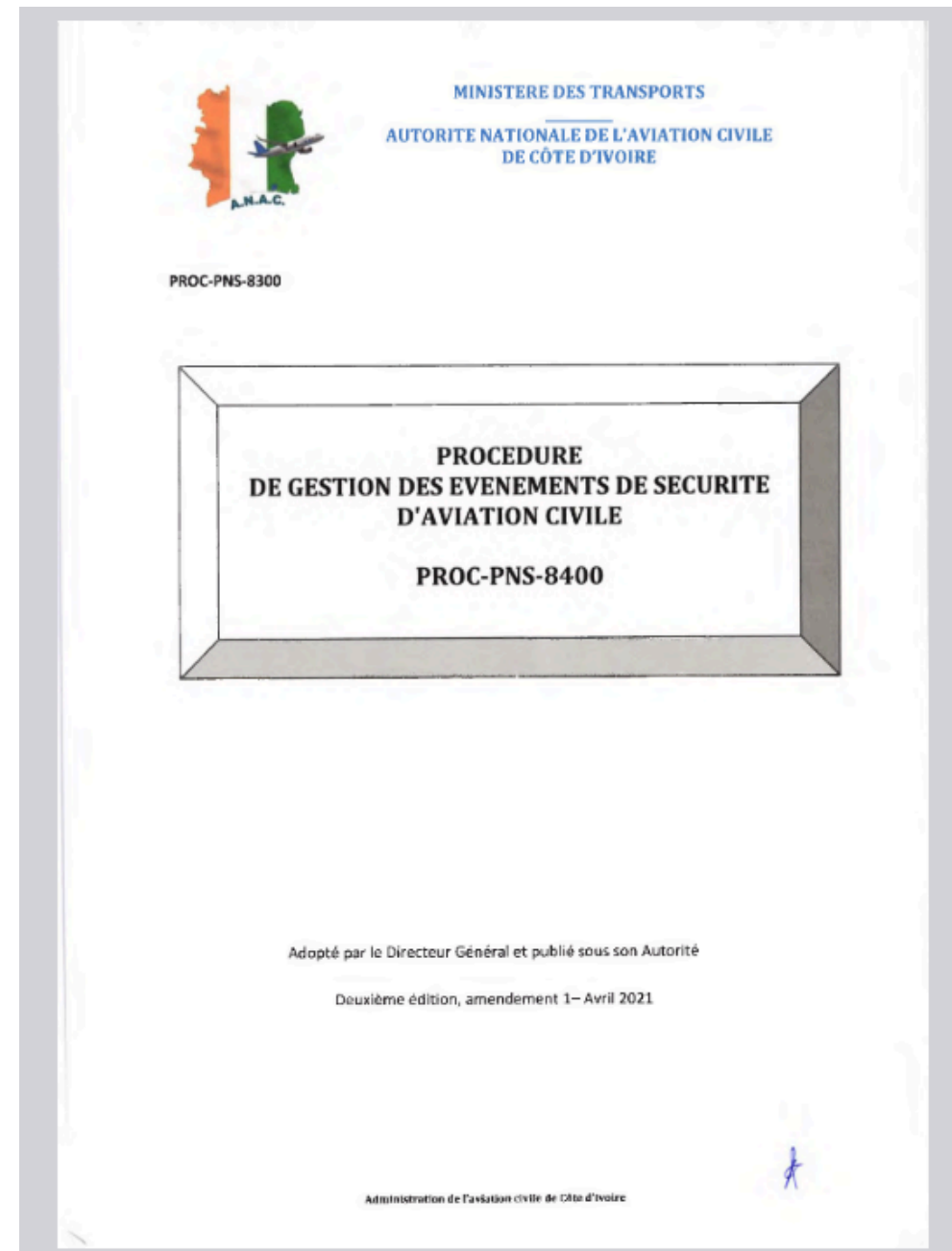| Analyse préliminaire évènement								
Danger générique	Danger spécifique	Evènement redouté	Conséquence ultime	Gravité	Probabilité	Indice risque	Tolérabilité	Décision

SDCPS

2-Operational Implementation and Regulatory Development

Focus on the Regulatory Framework for the SDCPS

RACI 8001

PROC-PNS-8400
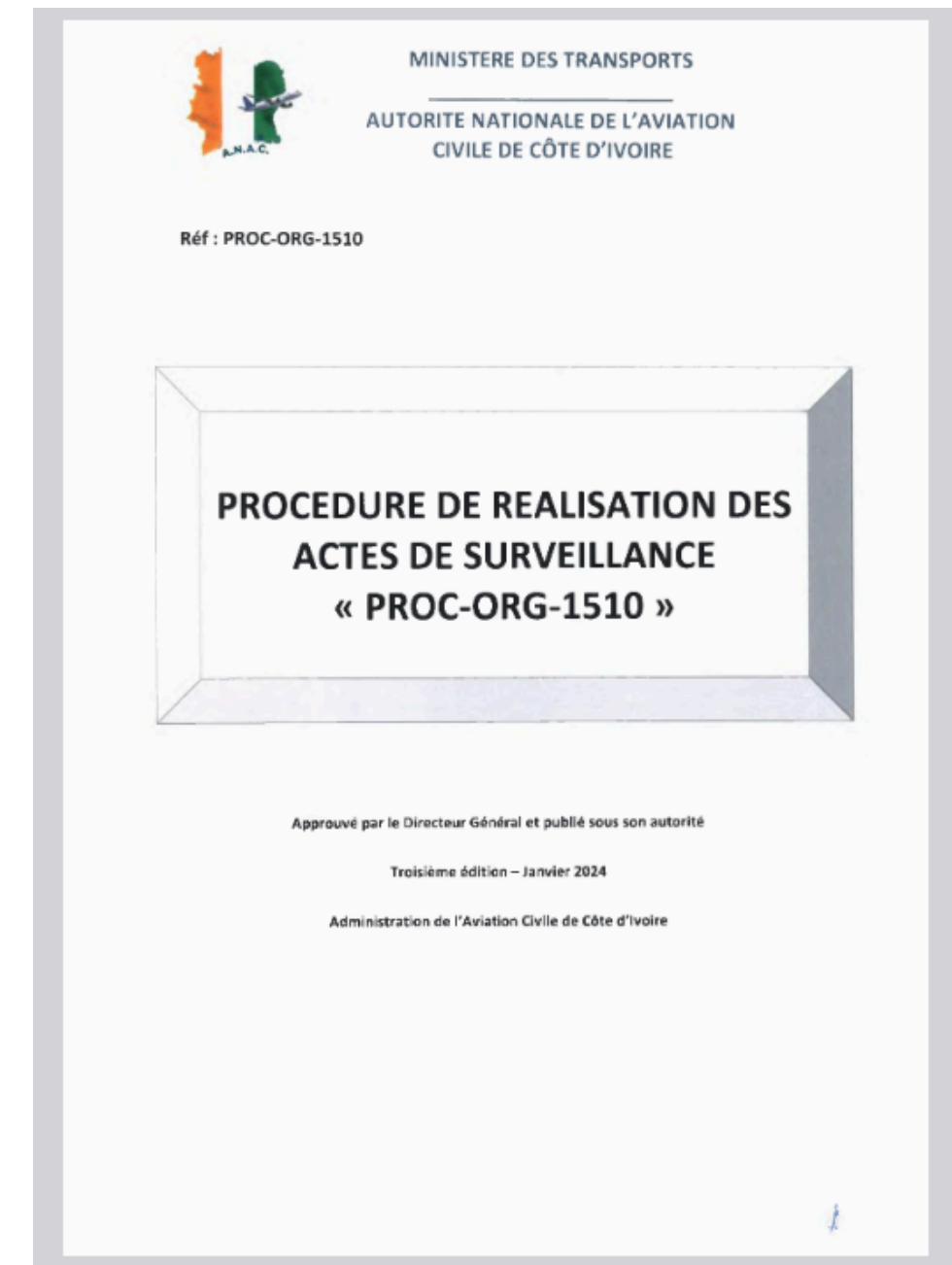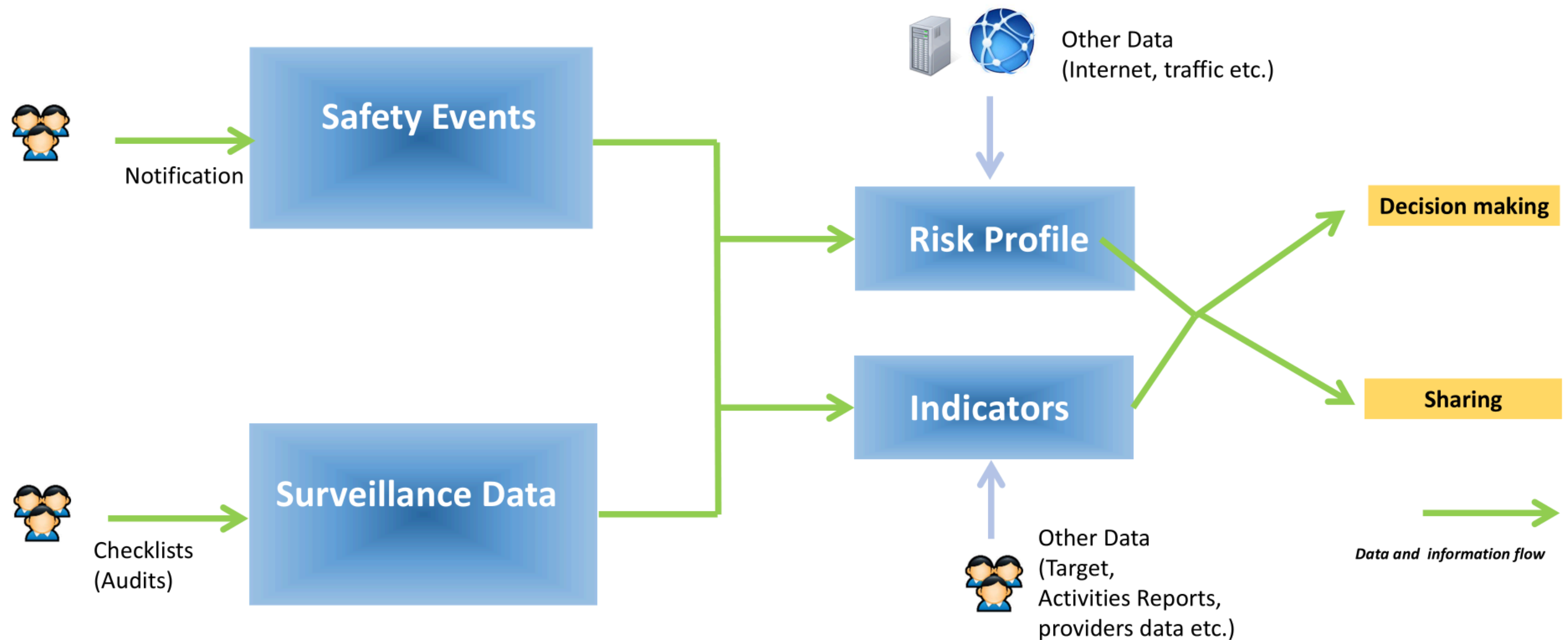

PROC-ORG-1510

Overview of Côte d'Ivoire SDCPS and Related Interactions

TEAM WORK

DSSC

SSP TEAM

COLLABORATIVE WORK BETWEEN THE DSSC AND OPERATIONAL DEPARTMENTS TO COLLECT AND ANALYZE DATA

SSP TEAM

CORRESPONDANT PNS PEL /OPS

CORRESPONDANT PNS OPS

CORRESPONDANT PNS ANS/AGA

IT

SAFETY DATA AND INFORMATION

SERVICES PROVIDERS

SERVICE PROVIDERS

USER/PASSENGER
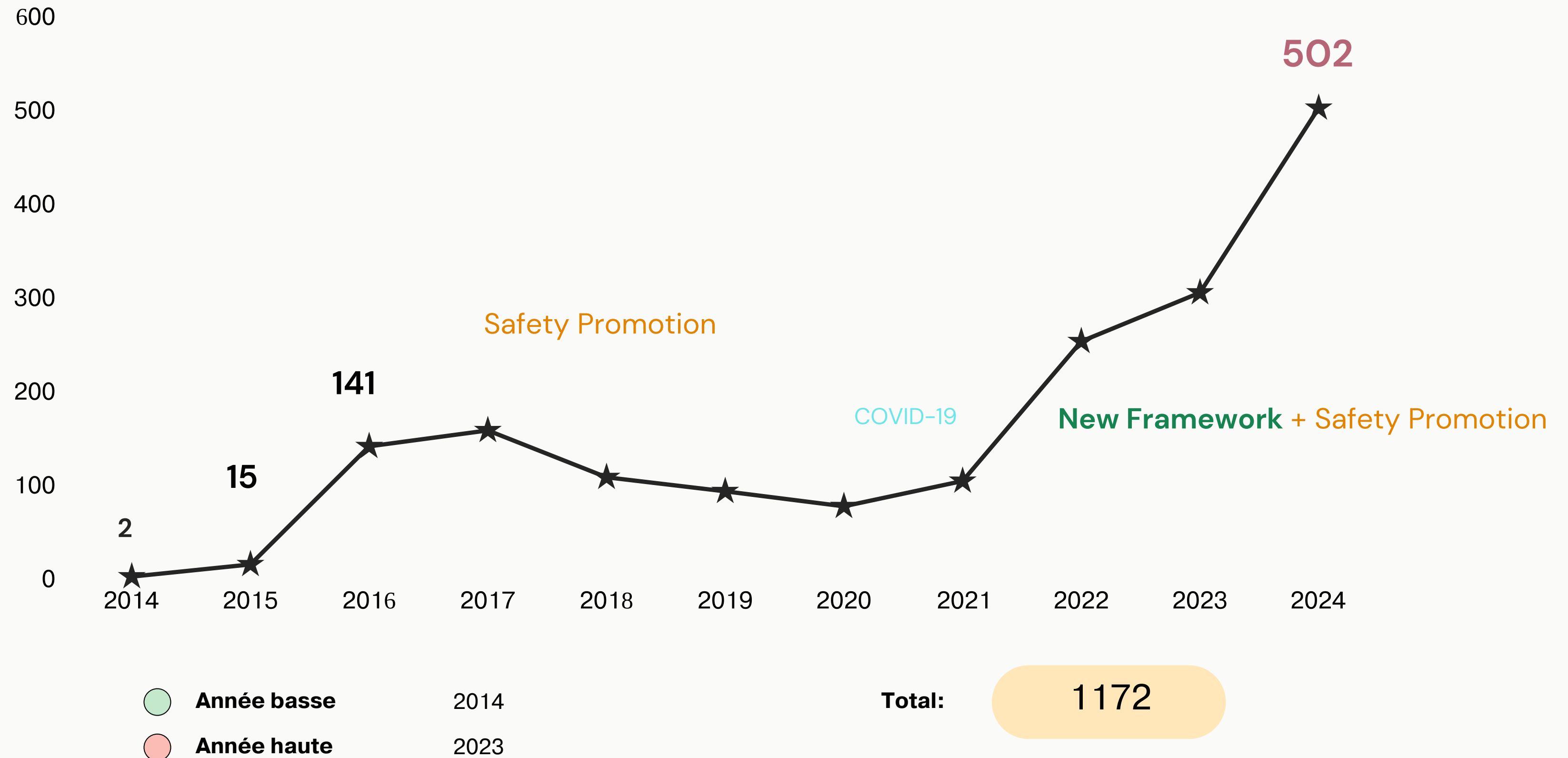
A.N.A.C

3- Evaluation, Results and Next Steps
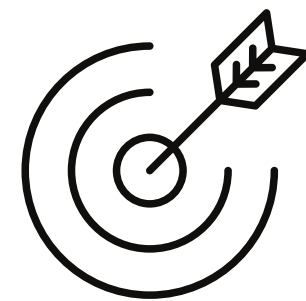
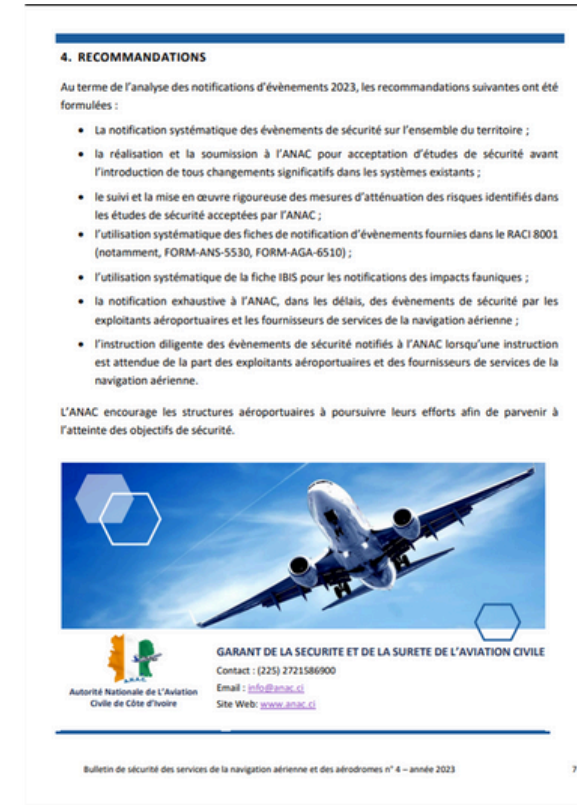**Goal:** Assess the progress made, identify remaining challenges, and outline future priorities.

3- Evaluation, Results and Next Steps

An increase in event reporting has been observed between 2014 and 2024.

Safety Promotion

COVID-19

New Framework + Safety Promotion

- 502 (2024)
- 141 (2016)
- 15 (2015)
- 2 (2014)

◯ Année basse   2014
◯ Année haute   2023

Total: 1172

SHARING

SAFETY DATA AND INFORMATION ARE SHARED THROUGH SAFETY MEETINGS AND SAFETY BULLETINS.

SDCPS

SAFETY BULLETINS ARE SENT TO OPERATORS AND PRESENTED DURING SAFETY MEETINGS.

SAFETY DATA AND INFORMATION ARE SHARED THROUGH SAFETY MEETINGS AND SAFETY BULLETINS.

- Reunions de sécurité

- Séances de familliarisation à la réglementation et sensibilisation

NEXT STEPS

1. Finalize the development of the Manual on Safety Data and Information Management and other pending texts
2. Enhance safety promotion activities
3. Conduct a new gap analysis and take Safety Intelligence into account.
4. Train key stakeholders in safety data analysis
5. Digitize SSP activities

THANK YOU

Kledjomoh Ousmane KONE

🌐 www.anac.ci

📍 Boulevard de l'aéroport, Abidjan