



SEIG 5 Presentation

15th of October 2023

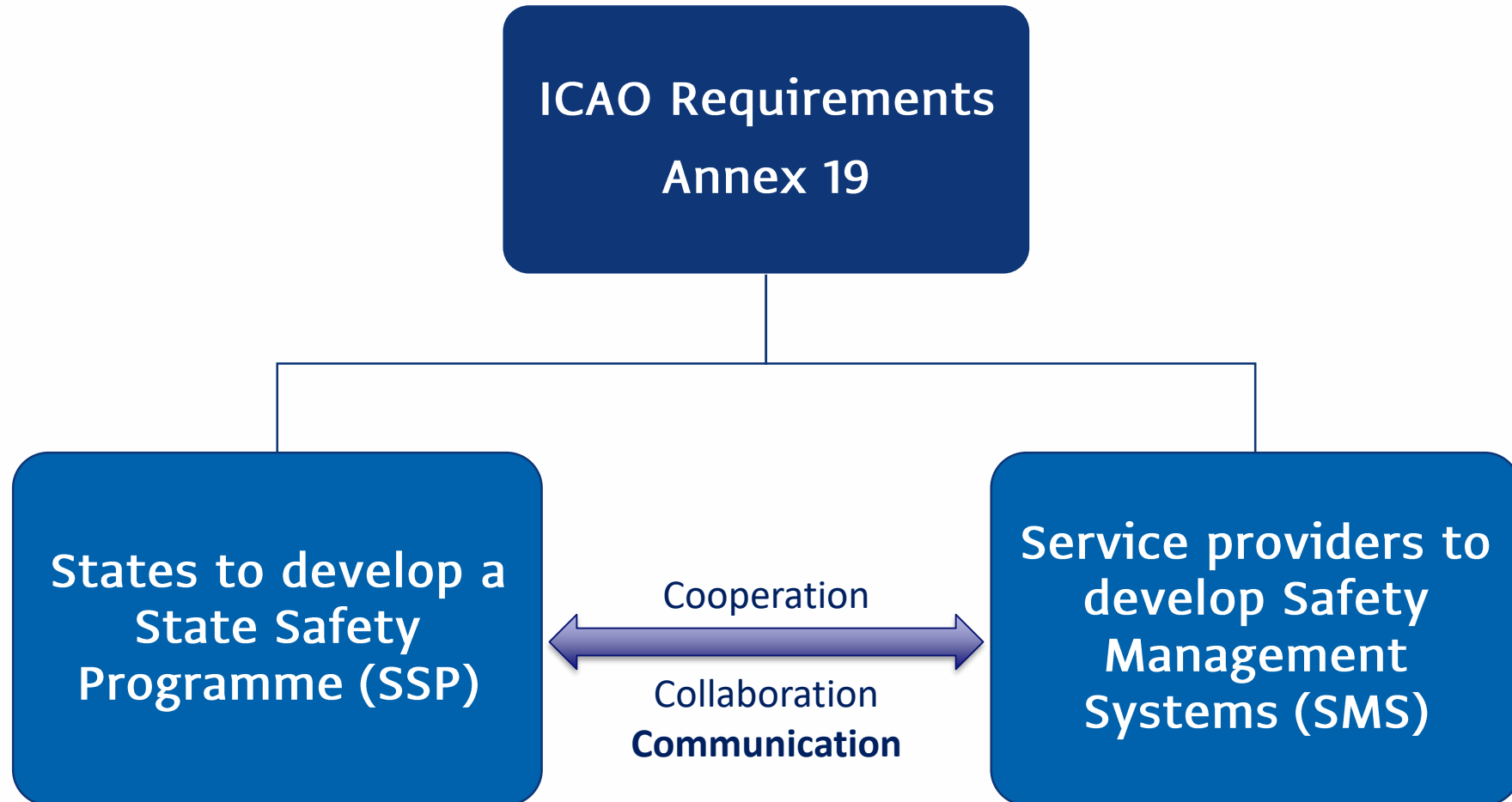


KSA State Safety Program (SSP)

Civil Aviation Sector Strategy Overview

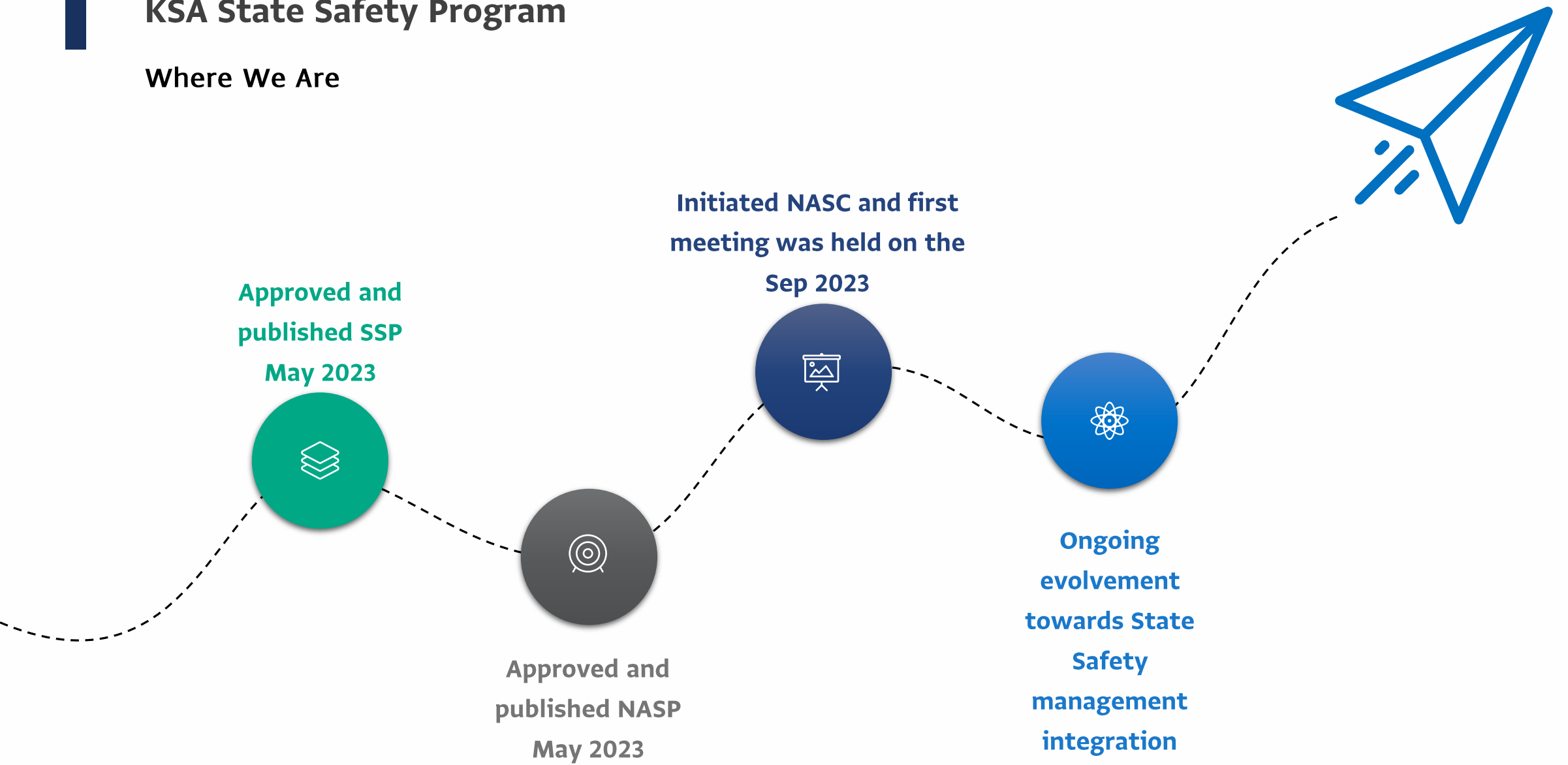
pillars	components	2019 Baseline	2030 Forecast	Implication
Significant growth in air traffic and air connectivity network	Passenger traffic	103 Million	330 Million	The steady growth of KSA civil aviation activities will increase the size and complexity of the Saudi aviation system.
	Air freight volume (tons)	700 Thousand	4.5 Million	
	Direct international destinations	99 Destination	250 Destination	
Significant growth in civil aviation activities	Aircraft movements	770 Thousand	2.7 Million	
	Number of commercial airports (scheduled flights)	29	33	
	Number of private airports	3	15	
	Vertical Heliport and Helipad	14	+200	
	Water runways	0	+5	
	Air operators	34	+50	
	Service providers	31	+50	
	Aircraft registered in the Saudi registry	428	+1,200	
	Aviation personnel licenses	29,800	+80,000	
	New operating models	Applications of emerging technologies in civil air transport	Commercial air transportation	
			General aviation Advanced air mobility	

ICAO Safety Management Requirements



KSA State Safety Program

Where We Are



KSA SSP Safety Policy

Regulations compliant with ICAO SARPs

Data and performance based approach

Safety trends and risk-based approach

Control and measure safety performance

Collaboration and consultancy

Safety practices and positive culture

Encourage sharing of data and information

Allocate sufficient resources

Enhance capabilities

1. CHAPTER 1: STATE SAFETY POLICY, OBJECTIVES, AND RESOURCES [AN19-3.2]

1.1 KSA State Safety Policy

The Kingdom of Saudi Arabia (KSA) is committed to develop and implement strategies, regulatory frameworks, and effective processes to ensure that civil aviation activities, under its oversight, reach the highest possible level of safety. The General Authority of Civil Aviation (GACA) promotes and regulates aviation safety in the KSA.

To this end, the KSA will:

- 1) Develop national regulations and requirements in line with the standards, recommended practices, and procedures of the International Civil Aviation Organization (ICAO).
- 2) Adopt a data- and performance-based approach to aviation safety regulations and oversight activities, as applicable.
- 3) Identify safety trends in the civil aviation industry and adopt a risk-based approach to address the areas of greatest safety concern or need.
- 4) Continuously control and measure safety performance within the KSA's civil aviation system through collective State safety indicators, and also through the safety performance indicators of service providers.
- 5) Collaborate and consult with the industry to address safety issues, and continuously improve aviation safety.
- 6) Encourage good safety practices and a positive institutional safety culture within the industry, based on sound safety management principles.
- 7) Encourage the collection, analysis, and exchange of safety information among all relevant industry organizations and service providers, with the commitment to using such information for safety management purposes only.
- 8) Assign sufficient financial and human resources for safety management and oversight; and
- 9) Provide the personnel with the skills and experience needed to fulfil their safety oversight and management responsibilities in a proficient manner.

The KSA State Safety Policy and objectives are subject to periodic review to ensure relevancy and regulatory compliance.

Signature: _____

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KSA SSP Accountable Executive
Kingdom of Saudi Arabia
Effective Date: 21 May, 2023

KSA State Safety Program Governance Model



Current SSP Challenges and best practices.

1 Challenges

1. KSA market growth
2. Operational Complexity
3. Remotely Piloted Aircraft System
4. Emerging technology
5. Organisational complexity

2 Best Practices

1. KSA risk profile
2. KSA risk register
3. Enhancing capabilities
4. MoUs and MoCs with stakeholders
5. Execution of several enabling safety related projects.

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Thank You