

**Ministry of Transportation
and Telecommunications**



وزارة المواصلات والاتصالات

Aviation Safety Directorate

Strategy Roadmap
SSP
2015 - 2020

Strategic Aviation Safety



To Develop a world class safety environment, by making continuous improvements in aviation safety in the Kingdom of Bahrain by implementing Bahrain Safety Program (BSP) 2014-2020



Improve Management of aviation safety regulations in the Bahrain International Airport

How Safe are WE ?

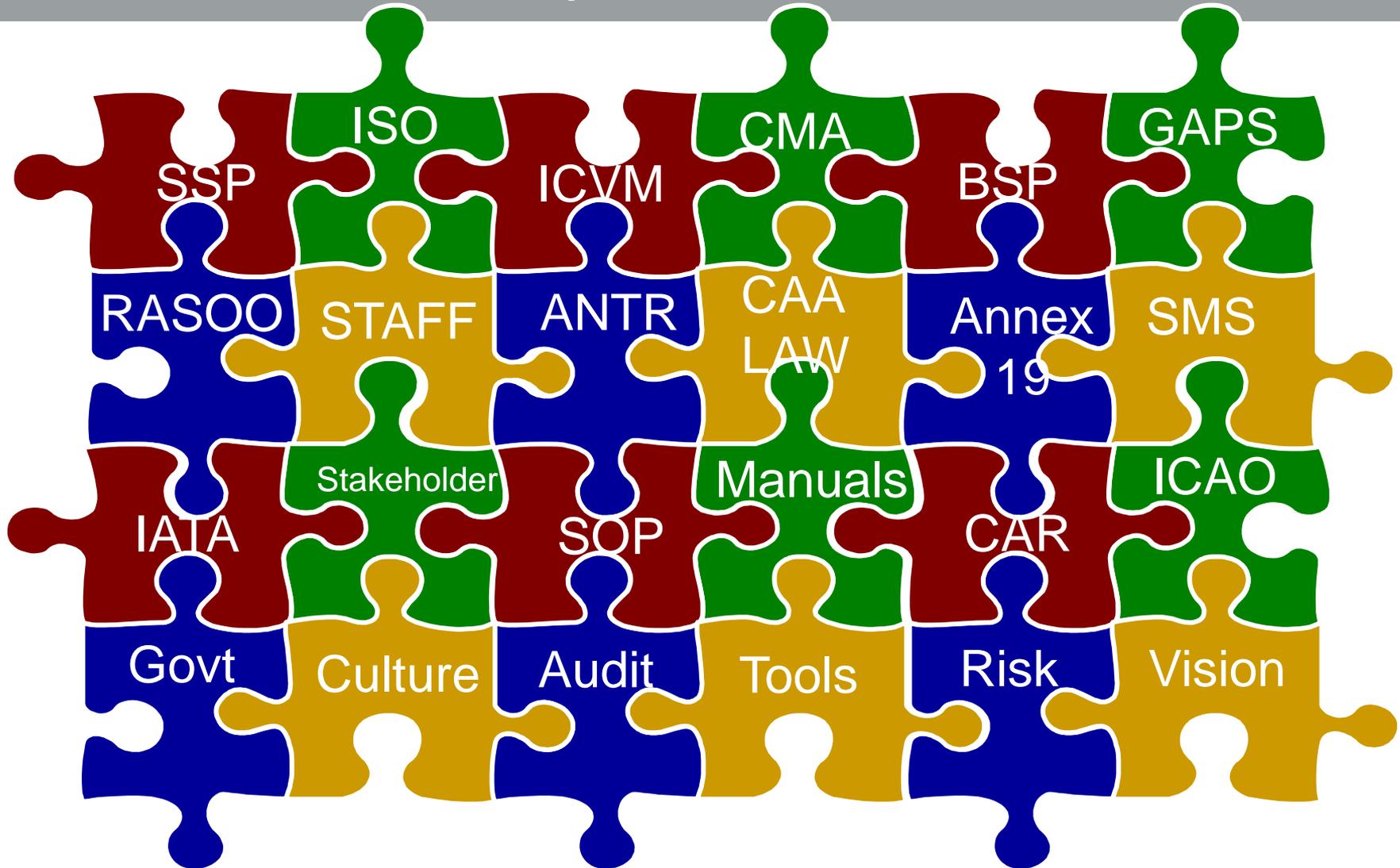


Deaths PER billion journeys
Bus: 4.3
Rail: 20
Van: 20
Car: 40
Foot: 40
Water: 90
Air: 117
Bicycle: 170
Motorcycle: 1640

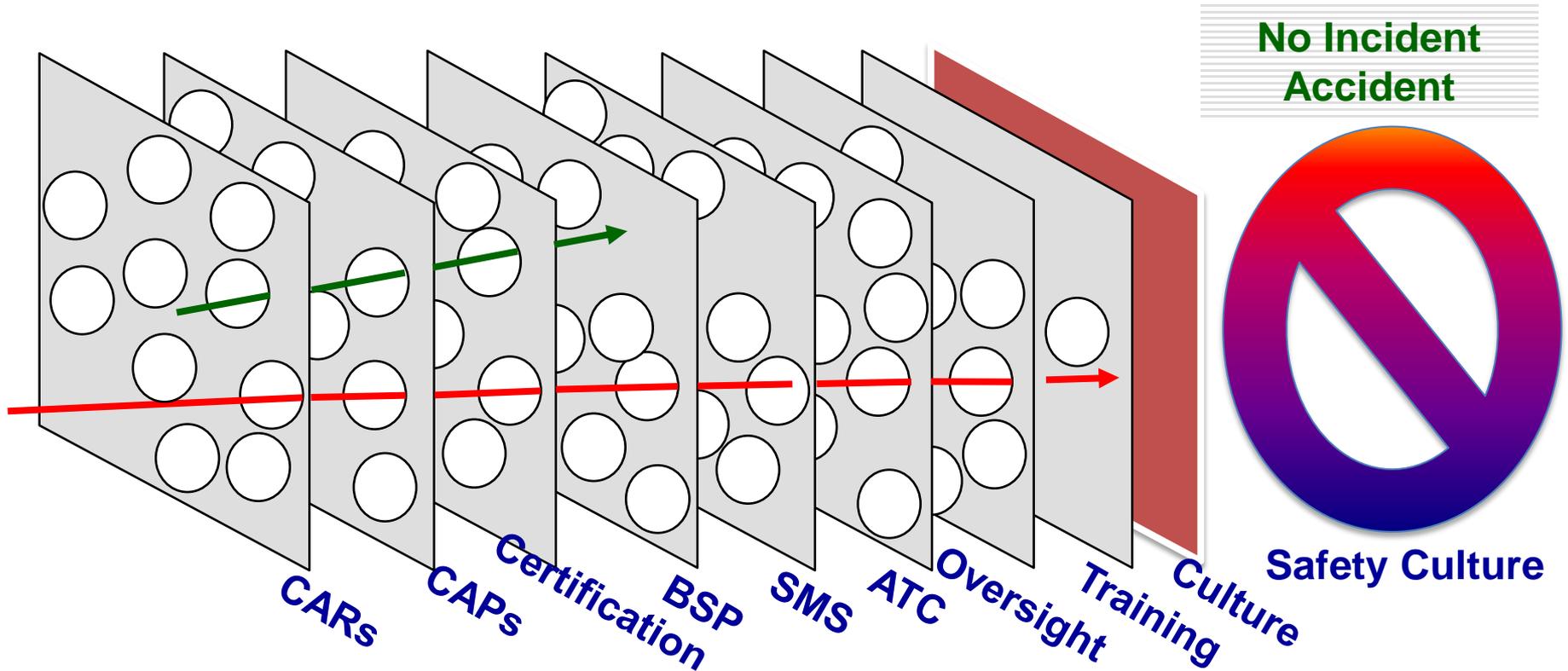




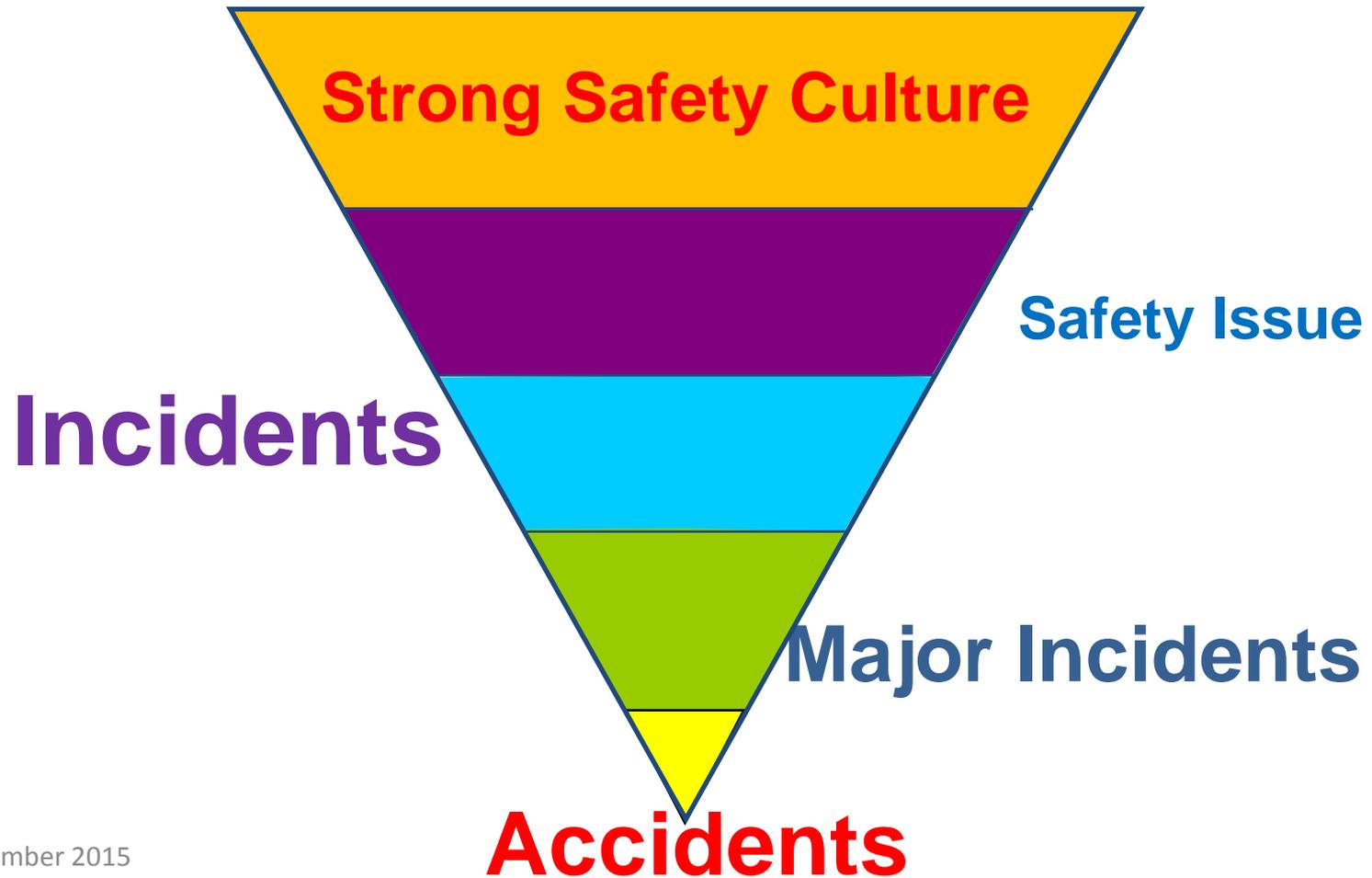
Scope of works



Strong Safety Culture



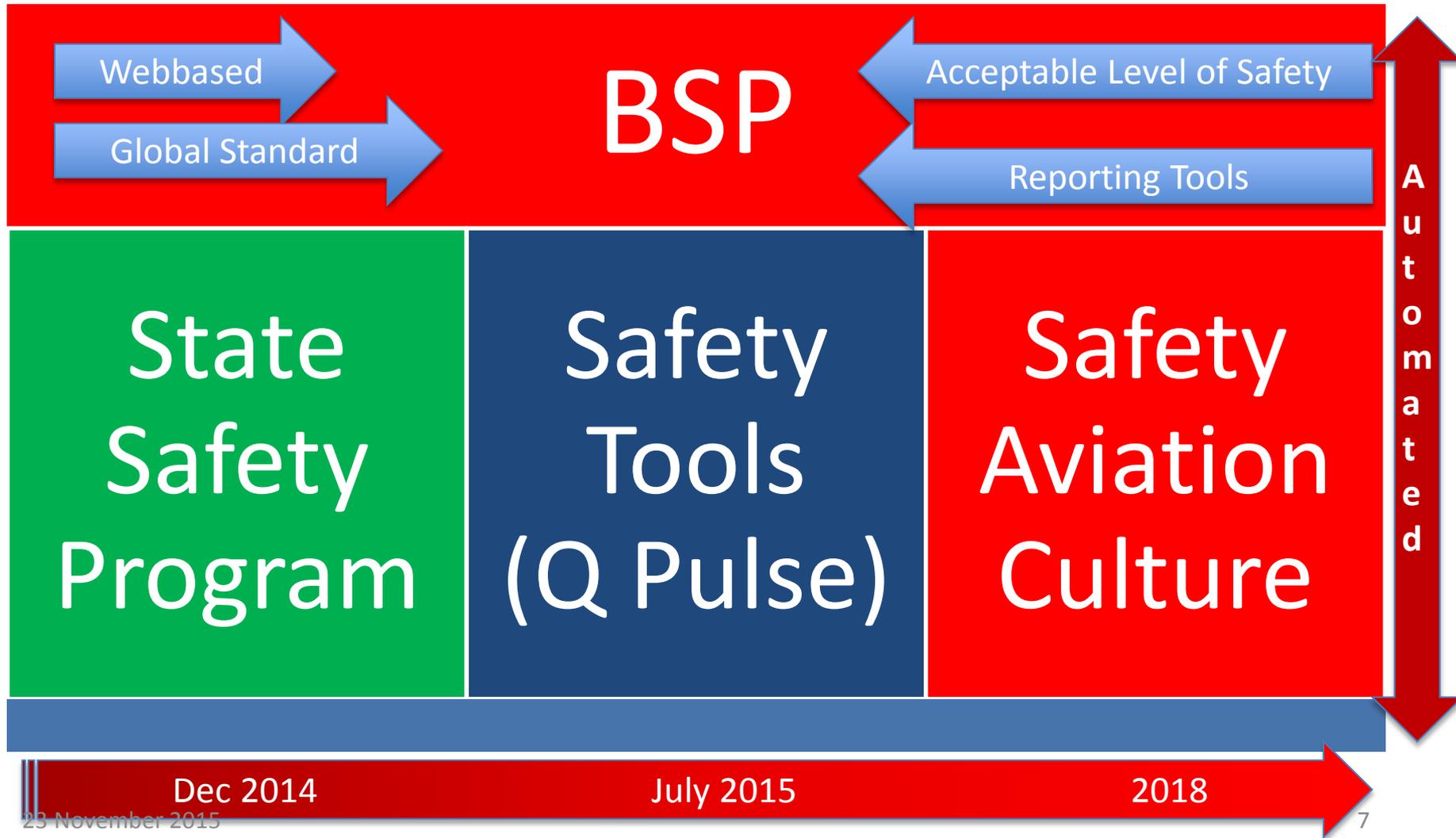
Safety Culture



Bahrain Safety Program

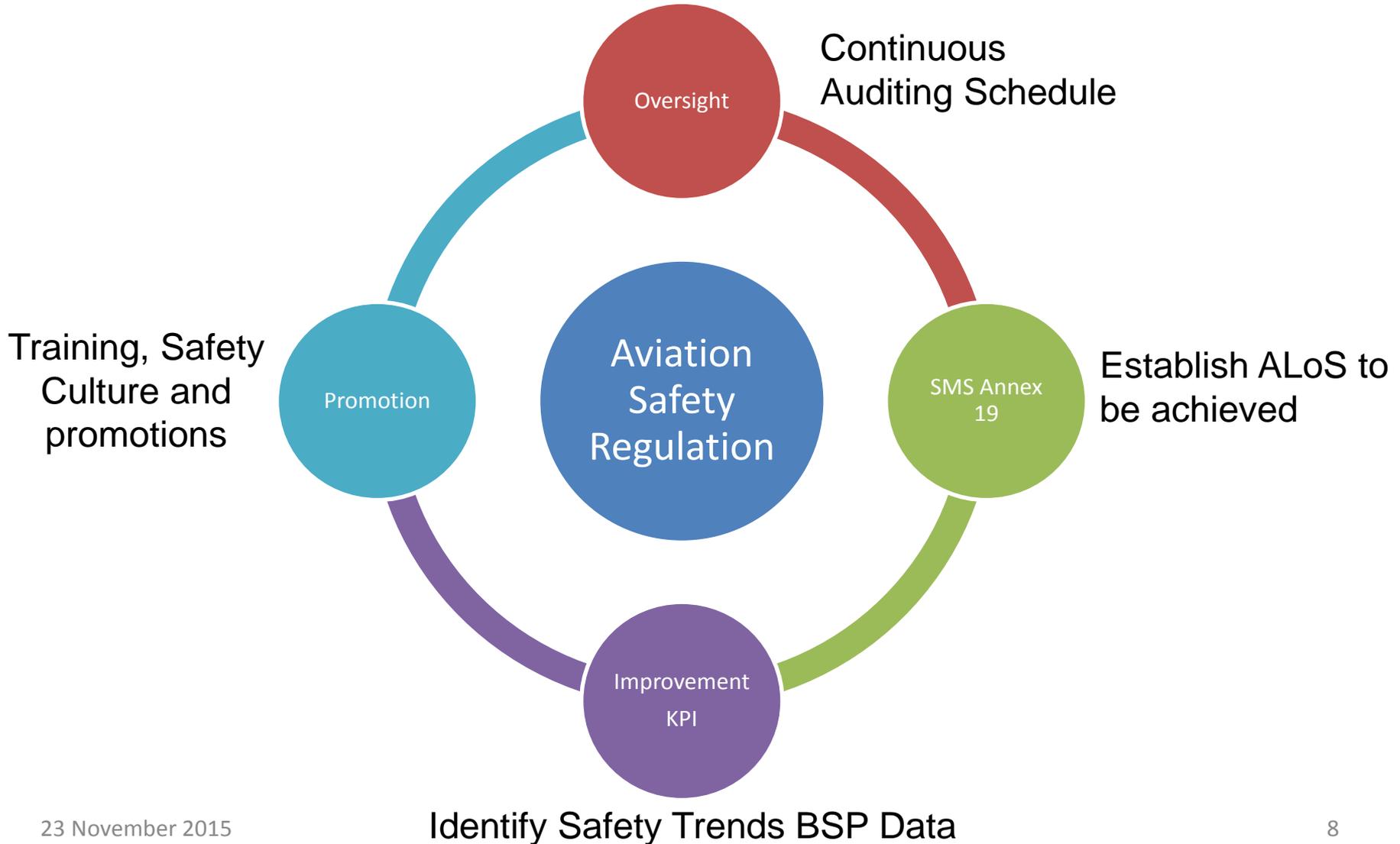


1-Law 2-Regulations 3-CAPs 4-Circulars 5-Audit Tools 6-Directions 7-SSP/SMS 8-SOP/Manuals 9-Search tools

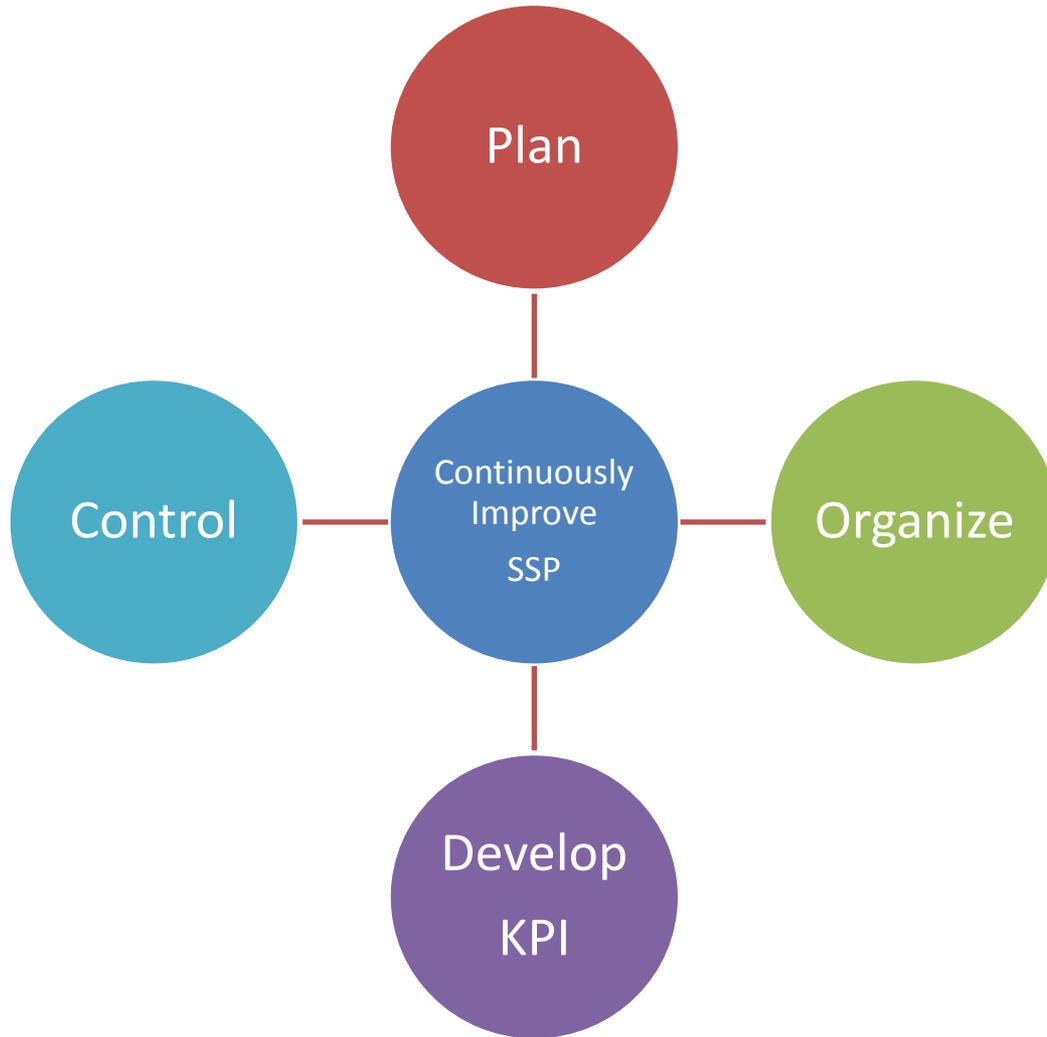




Goals



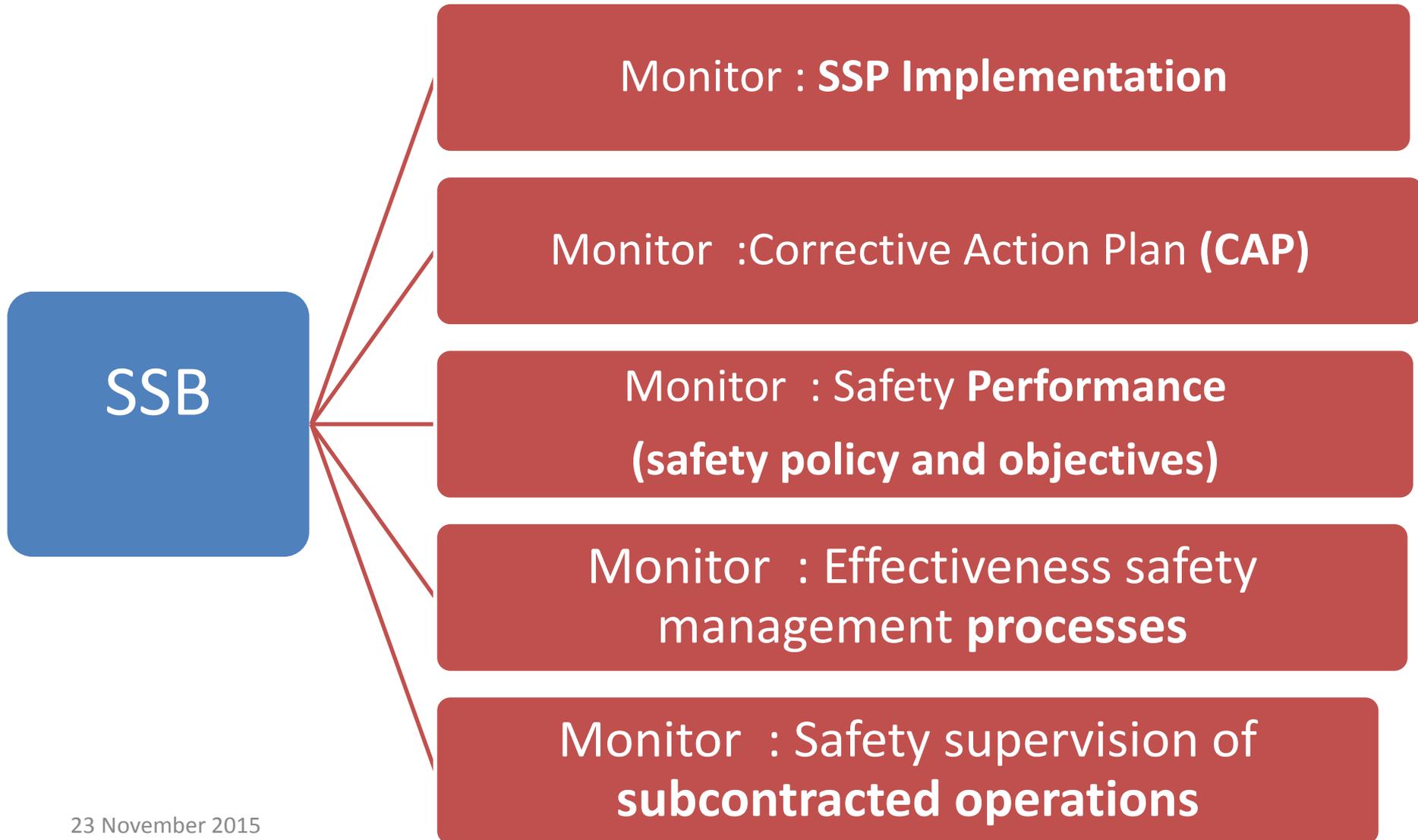
State Safety Board Role



State Safety Board strategic

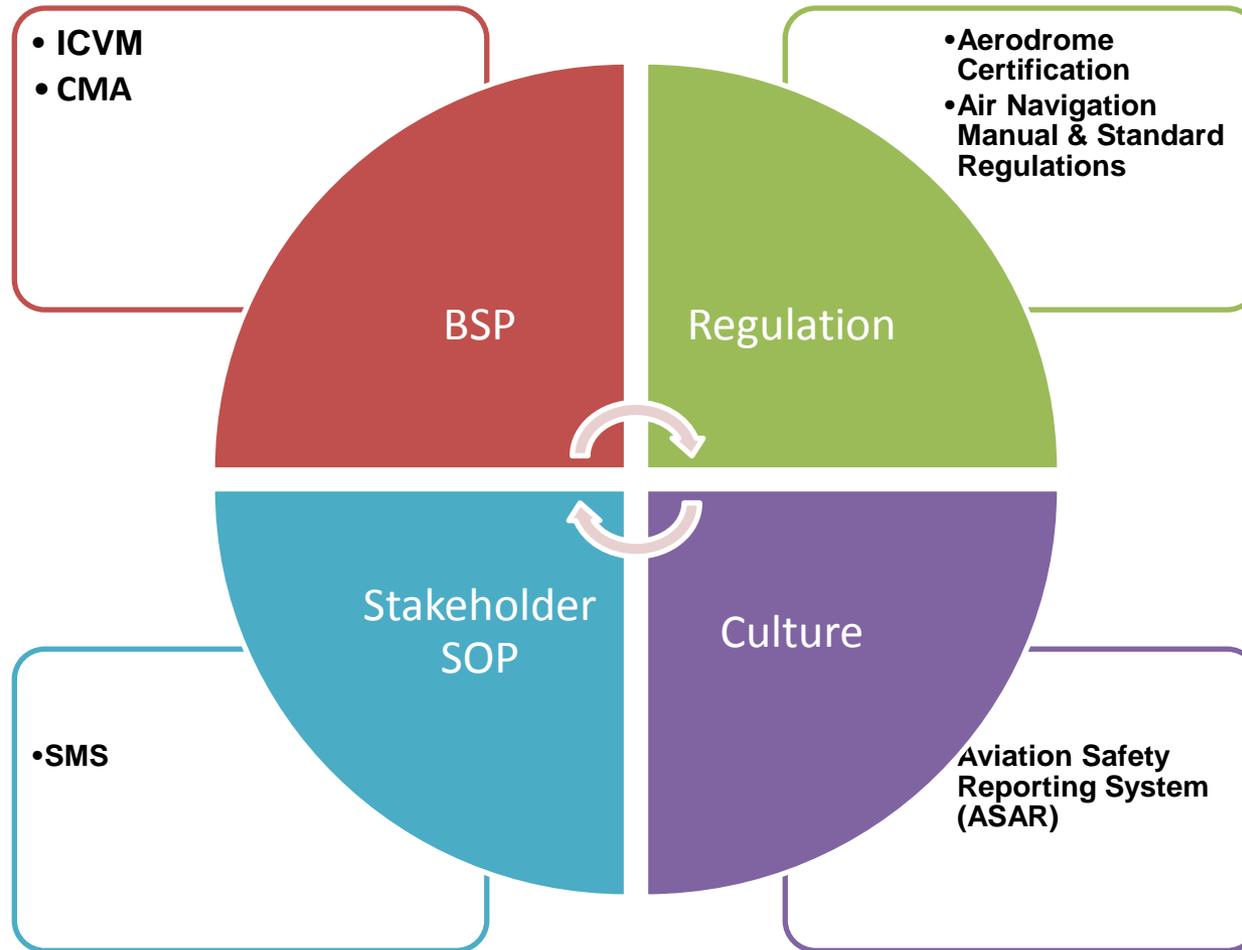


Safety Review Board Responsibilities

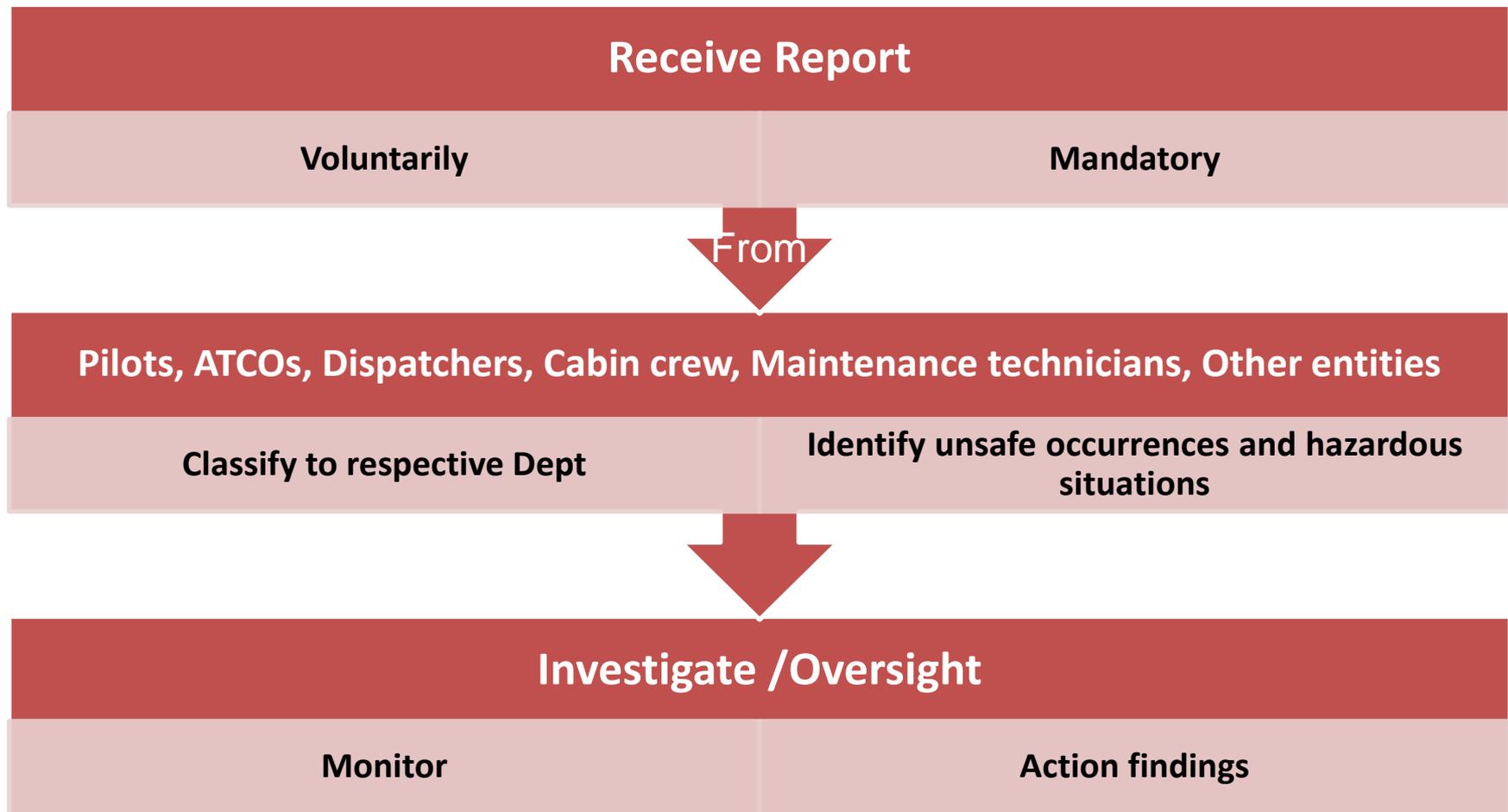




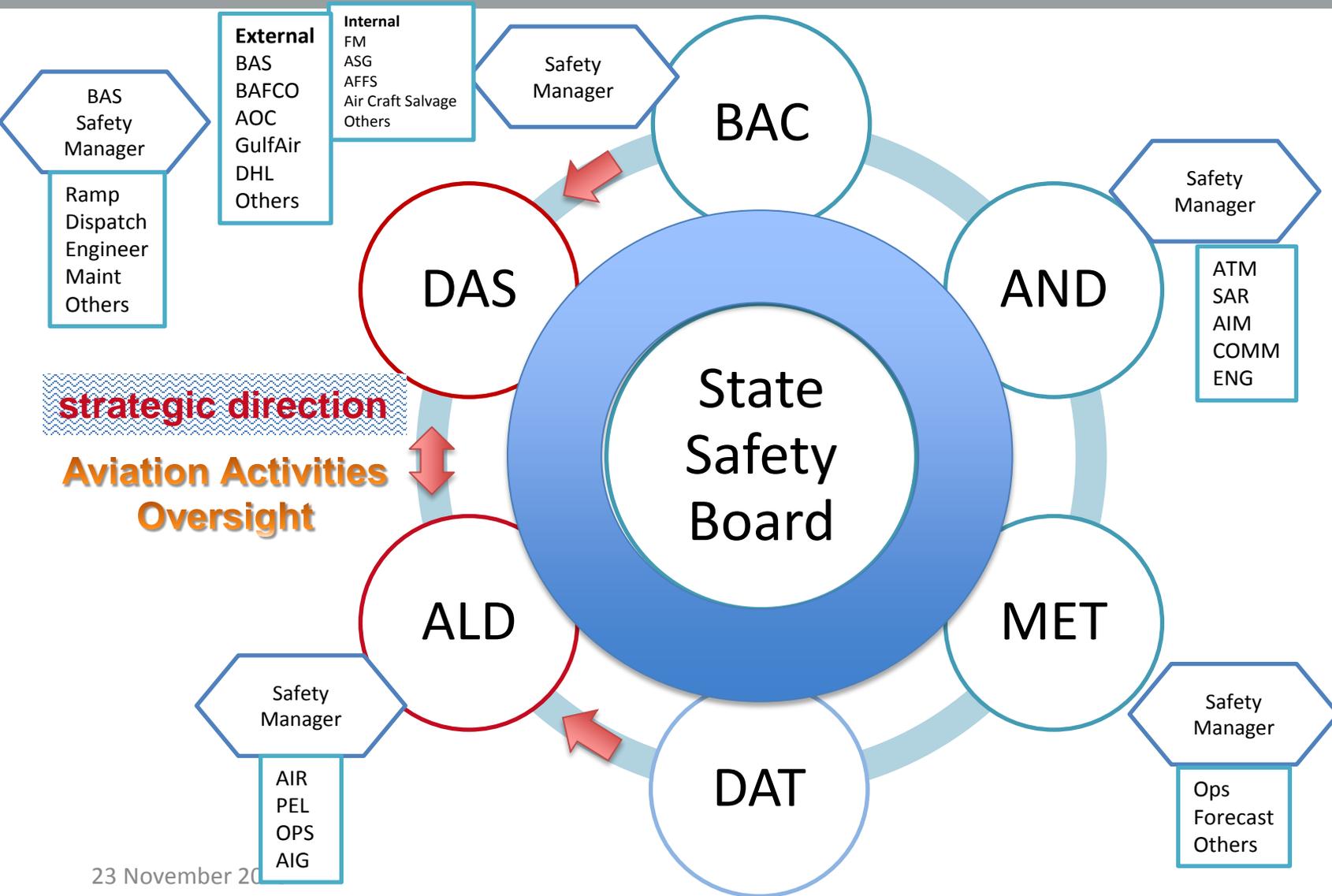
Critical Tasks



Aviation Safety Reporting System (ASRS)



SAG Activities





ASD Planned Approach

2014

BSP Concept
AD Certification
Progress ICVM
Draft Air Navigation Regulations
SOP
Recruitment
Training
ISO9001/08 Preparation
BAC FM Audit

2015-2016 Planned Approach

Phase1:

BSP Implementation
ICVM 0% LE
ISO 9001/2008 Certified
New Terminal Safety Guidelines
ASD Operation Manual

Phase 2 : Air Navigation Regulation

- Air Navigation Oversight
- Quality of work process in QMS format
- Effective incident and accident investigation

Phase 3 : Full Annex 19 SMS implementation

Alignment with global industry safety Level of standards (ALoS)
Implement Stakeholder safety regulations

2017

Phase4:

Stakeholders Oversight
Inherent Safety Culture
Regular periodic Audits
Bring ALOS in Kingdom of Bahrain higher than region

USOAP Areas Audited



Eight Critical Elements of a Safety Oversight System

BCAA	No	Code	Description
DAT	1	LEG	primary aviation legislation and civil aviation regulations
DAT	2	ORG	civil aviation organization
ALD	3	PEL	personnel licensing and training
ALD	4	OPS	aircraft operations
ALD	5	AIR	airworthiness of aircraft
ALD	6	AIG	aircraft accident and incident investigation
DAN	7	ANS	air navigation services
ASD	8	AGA	aerodromes and ground aids

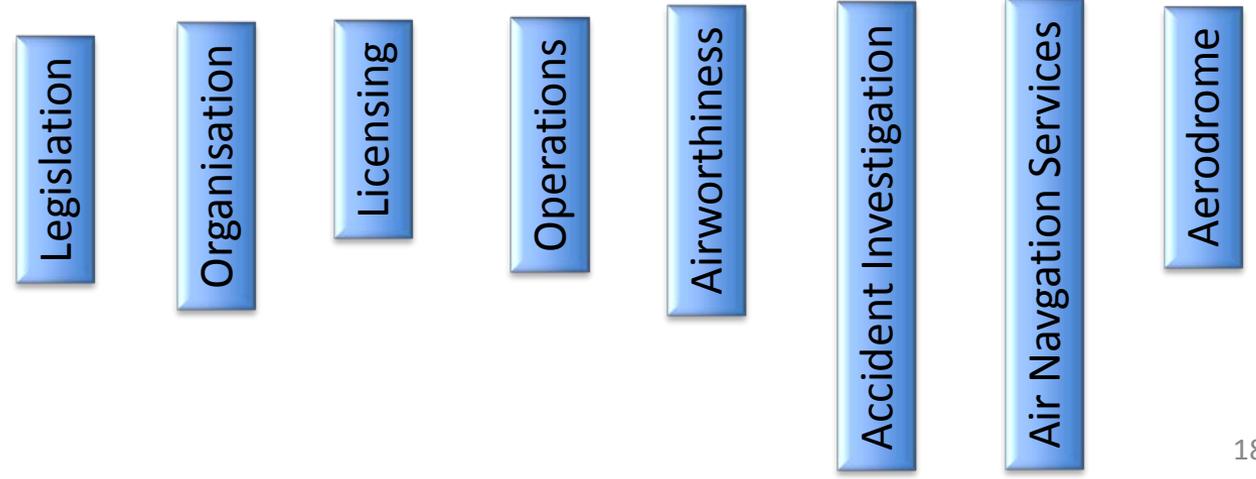
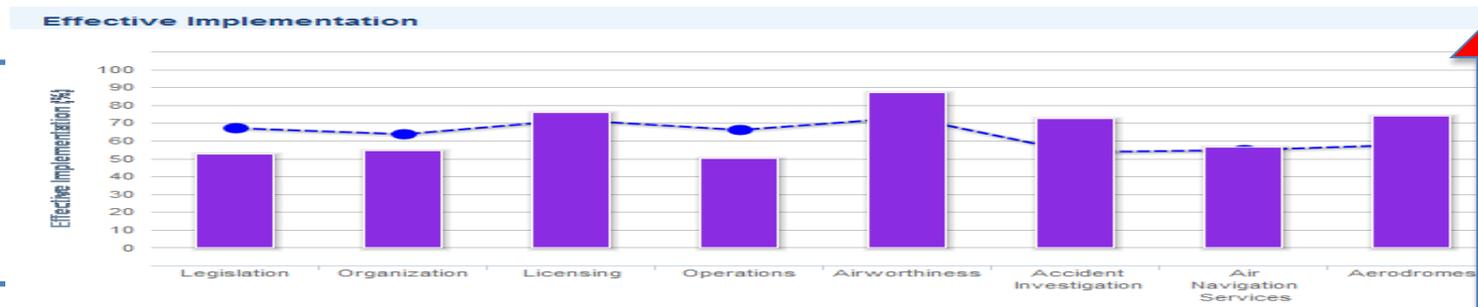
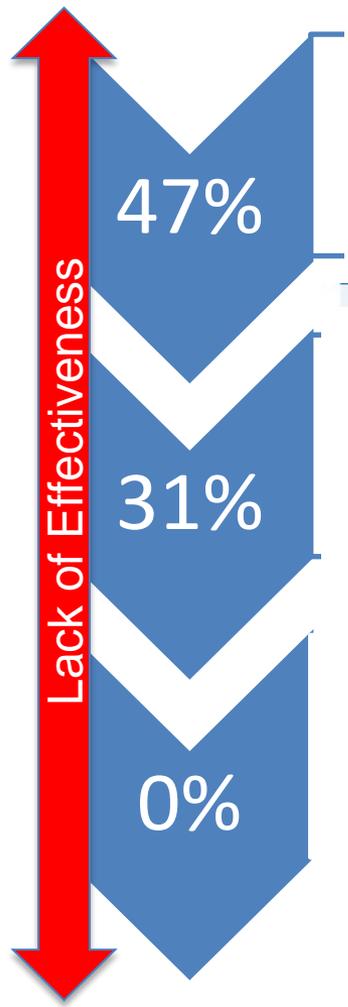
Bahrain 47% Lack of Effective Implementation

Effective Implementation

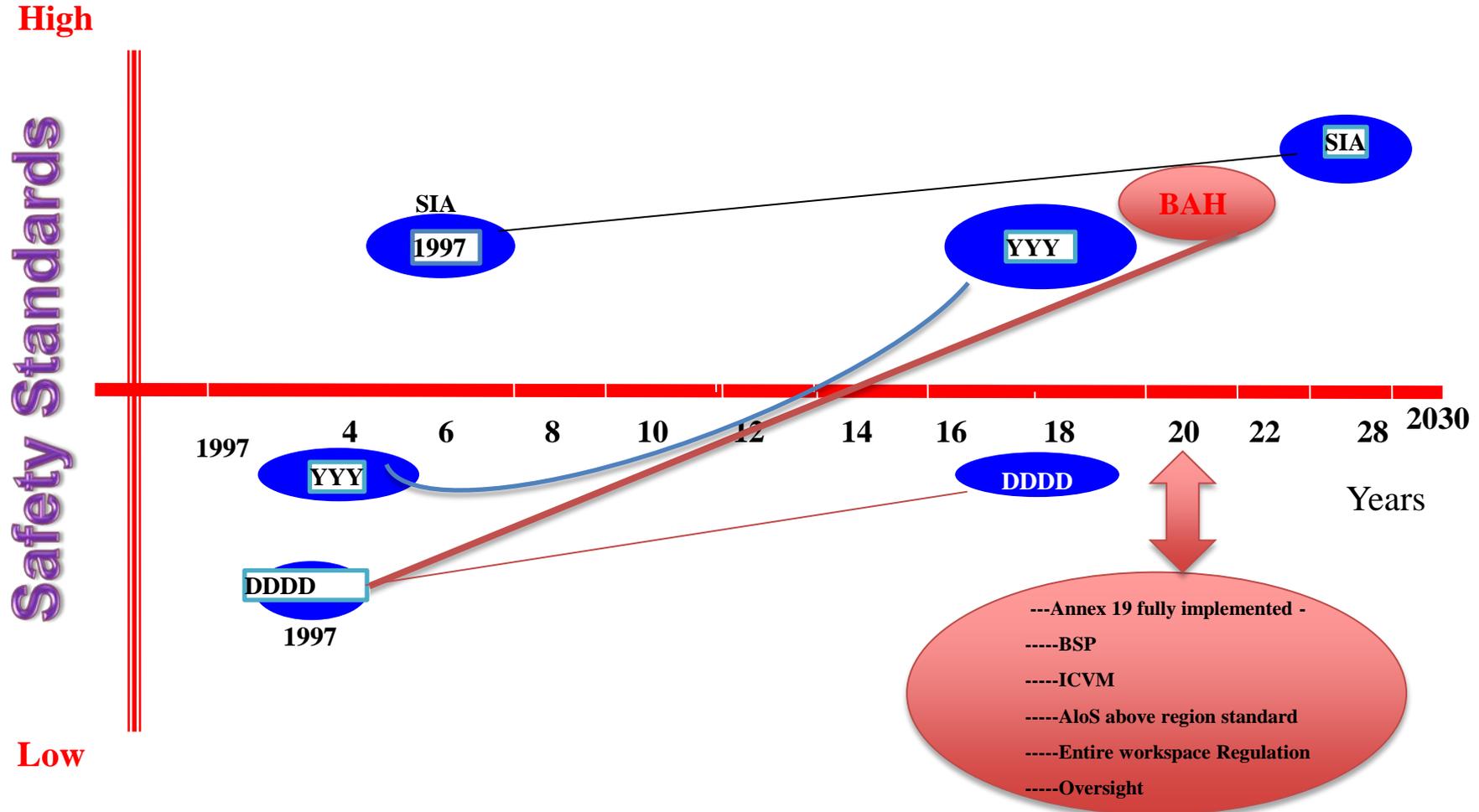




ICAO Coordinated Validation Mission ICVM



Where we would like to be ??





Thank You