

# **Global Aviation Safety**

RASG-PA/9 – P/06

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### **Marco Merens**

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Chief, Integrated Aviation Analysis Air Navigation Bureau, ICAO

Update

23 June 2016, Panama City, Panama



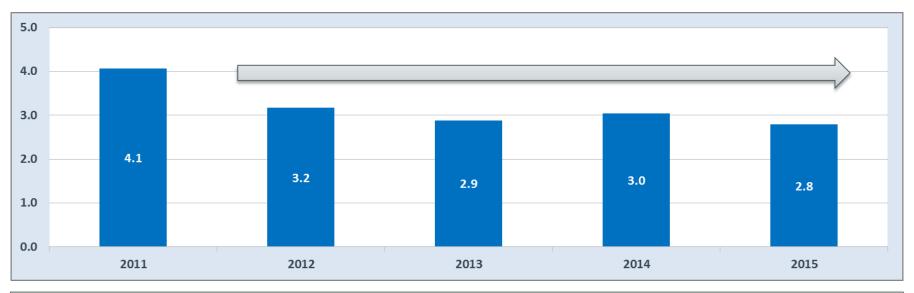
# ICAO ANNUAL SAFETY REPORT 2016 EDITION





### **Global Accident Rate**

Scheduled commercial above 5 700kg for 2011 - 2015

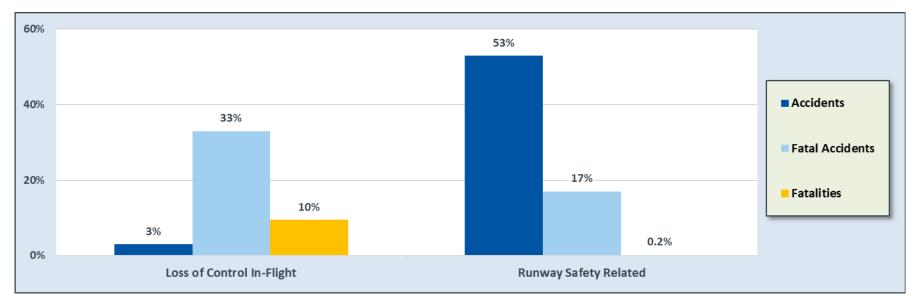


#### Global accident rate continues to be stable



### Percentage of All Accidents (2015\*)

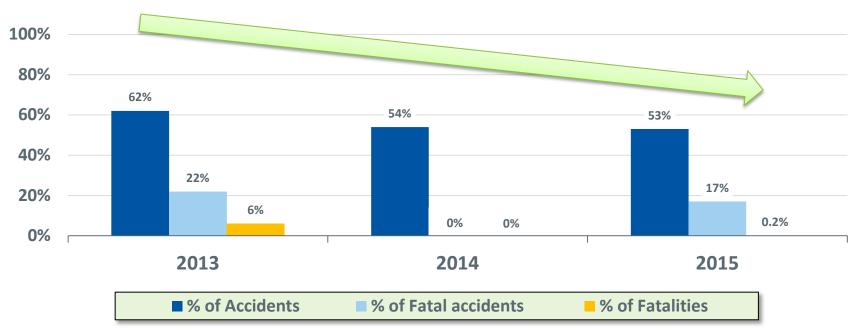
Scheduled commercial above 5 700kg



\*Note: No CFIT accidents for scheduled commercial in 2015



### **Runway Safety related Accidents**









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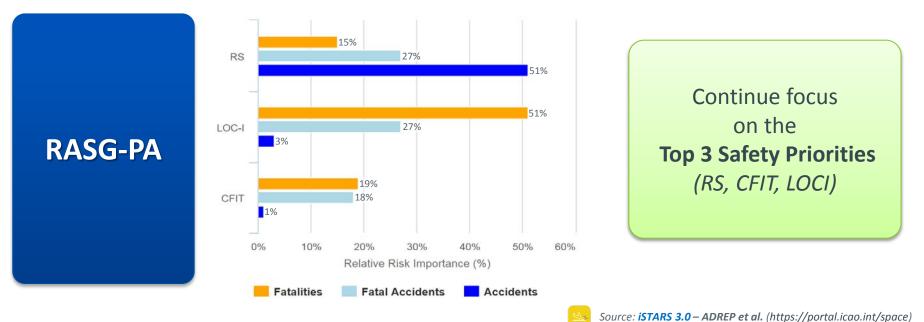
## **REGIONAL STATUS (RASG-PA)**





### **Risk Distribution for the Top 3 Safety Priorities**

Scheduled commercial above 5 700kg for 2011 - 2015





### Significant Safety Concerns (SSCs)

SSCs indicate that a State is not providing sufficient safety oversight to ensure the effective implementation of applicable ICAO Standards. SSCs may be issued in the area of operations, air navigation services, aerodromes, airworthiness or licensing.

RASG-PA has 1 State with 1 SSC.

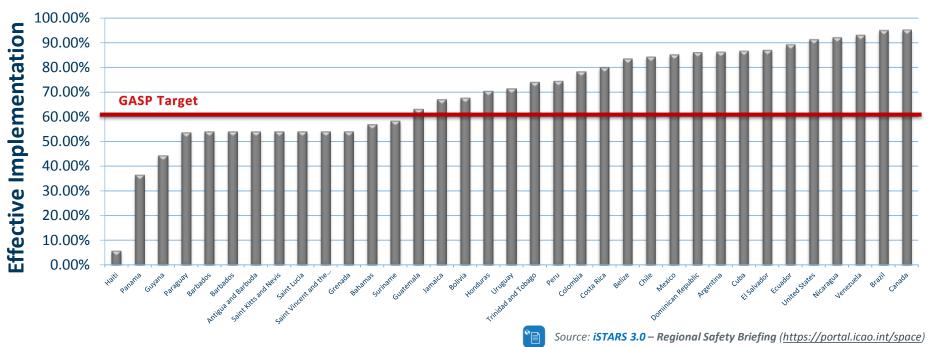
		SSC Areas					
State	SSCs	Airworthiness	Operations	Licensing	Aerodromes	Air Navigation	
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### **ICAO Safety Audit Results for RASG-PA**

Effective implementation of safety oversight systems by State





**Global Aviation Safety Update** 

# WORKING TOWARDS THE 39TH ASSEMBLY



# **GASP** Update

#### • Objectives

- No significant changes to technical content
- Simplify document to improve comprehension and usability

#### • Technical Content Review

- GASP objectives and framework remain the same
- Adjust the long-term objective of 2027 to 2028 to align with Assembly and ICAO editing cycles
- Clarifies expected roles of International, Regional, and National users of the GASP (Objectives, priorities, etc.)
- NCLB Initiative
- New Roadmap





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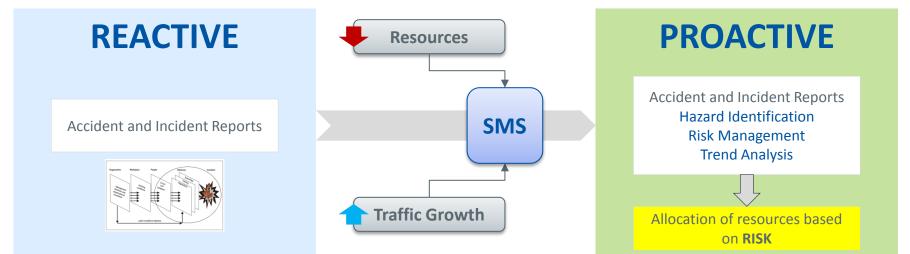
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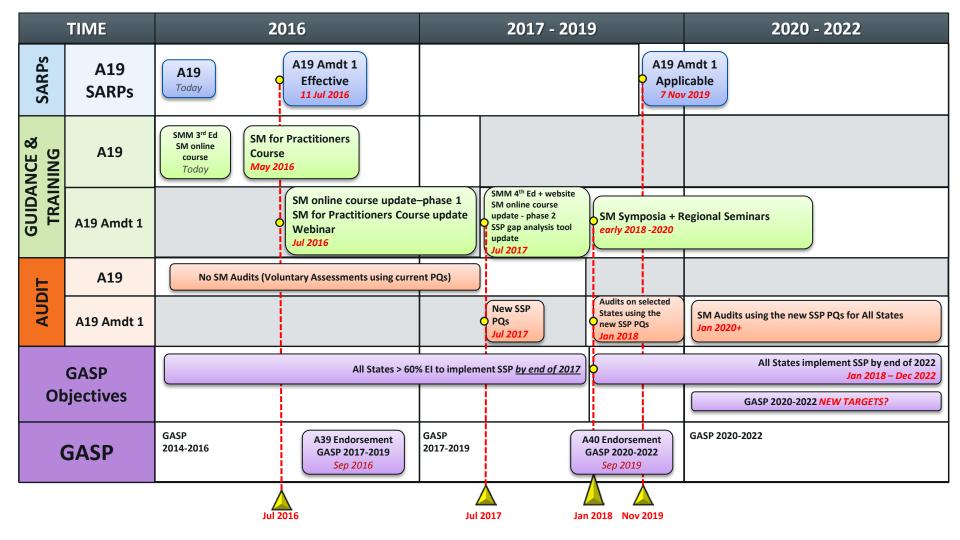
# **ANNEX 19 - AMENDMENT 1**



### **Need for Safety Management and its Benefits**

- Global air traffic is predicted to double in the next 15 years
- > The GASP sets out a continuous improvement strategy for States to implement over the next 15 years
- > Transition from a *reactive system*, to a *proactive system*
- > Increased efficiencies with an effective SMS







# Global Implementation Support Programmes (Safety & AN)

Runway Safety Safety Managment LOC-I/UPRT PBN CAPSCA NGAP



### Regional Implementation Support Programmes (Safety & AN) in addition to PIRGs and RASGs

NACC SAM WACAF ESAF	MID	EUR/NAT	APAC
<ul> <li>ICAO PBN Go-Team</li> <li>ICAO PBN Go-Team</li> <li>ICAO RS Go-Team</li> <li>ICAO RS</li> <li>ICAO RS</li> <li>ICAO RS</li> <li>Go-Team</li> <li>Go-Team</li></ul>	<ul> <li>ICAO PBN Go-Team</li> <li>ICAO RS Go-Team</li> <li>CAPSCA</li> <li>COSCAP-GS</li> <li>MAEP (2016)</li> </ul>	<ul> <li>ICAO PBN Go-Team</li> <li>ICAO RS Go-Team</li> <li>CAPSCA</li> </ul>	<ul> <li>ICAO PBN Go-Team</li> <li>ICAO RS Go-Team</li> <li>CAPSCA</li> <li>COSCAP-SA</li> <li>COSCAP- SEA</li> <li>COSCAP-NA</li> <li>APAC FPP</li> <li>RSO ATM</li> </ul>



# **Evolving Safety Performance**

- **iMPLEMENT** is a data-driven decision making process that:
  - produces a High-level report showing State information
  - facilitates the enhancement of a State's implementation rate by helping prioritize activities based on data
  - provides a business case for the economic and social impact of aviation development.



Facilitating **Data-Driven** Decisions for Aviation

All stakeholders should come up with a strategy to complement NCLB





## **Executive-level Briefings**









**ICAO** 

Regional Safety Briefing WORLD - ICAO Member States



**ICAO** 

Aerodrome Briefing

Henri Coanda (LROP), Bucharest - Romania (UTC+2.0)

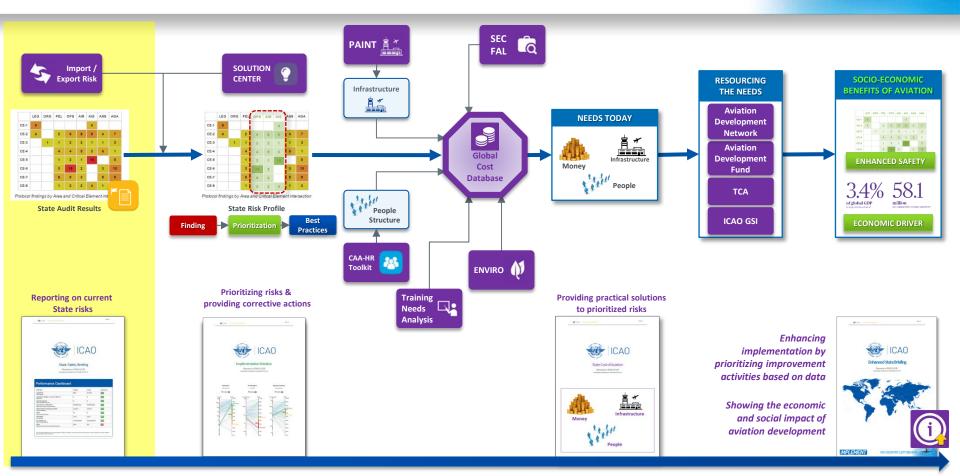


Work-in-Progress

\* Accessible through iSTARS/SPACE









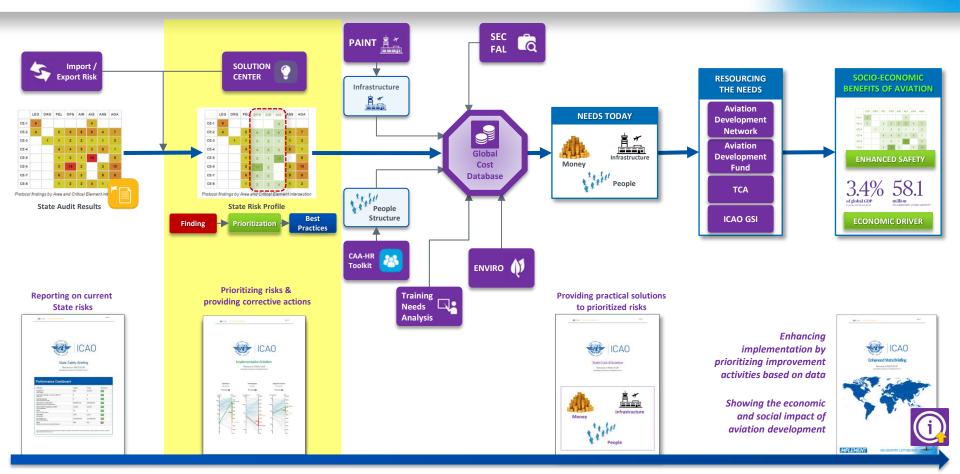


#### Performance Dashboard

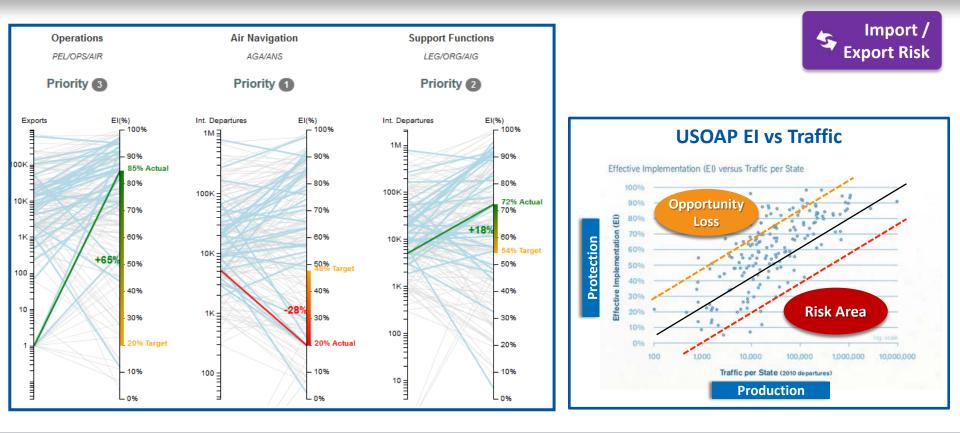
Indicator	Target	Value	Achieved
USOAP EI USOAP overall E(%)	60%	90.96%	Yes
Significant Safety Concerns (SSCs)	0	0	Yes
Fatal Accidents Number of facal accidents in last 5 years		0	
Aerodrome Certification Validated status of USOAP Protocol Questions (PQ) 8.081, 8.083 and 8.086	Satisfactory	Satisfactory	Yes
State Safety Programme (SSP) Level of SSP Implementation	Level 2	Level 3	Yes
IOSA Number of IOSA certified operators	>0	2	Yes
FAA IASA A454 caregonisation	Cat 1	Cat 1	Yes
EU Safety List Number of operational restrictions	Unrestricted	Unrestricted	Yes
PBN Percentage of International Instrument runways with PBN approaches	70%	0%	No

Note: The targets are agreed global or regional performance targets, as applicable. Fatal accidents are by State of Occurrence or State of Operator on scheduled commercial flights with aircraft over 5.7t since 2010.



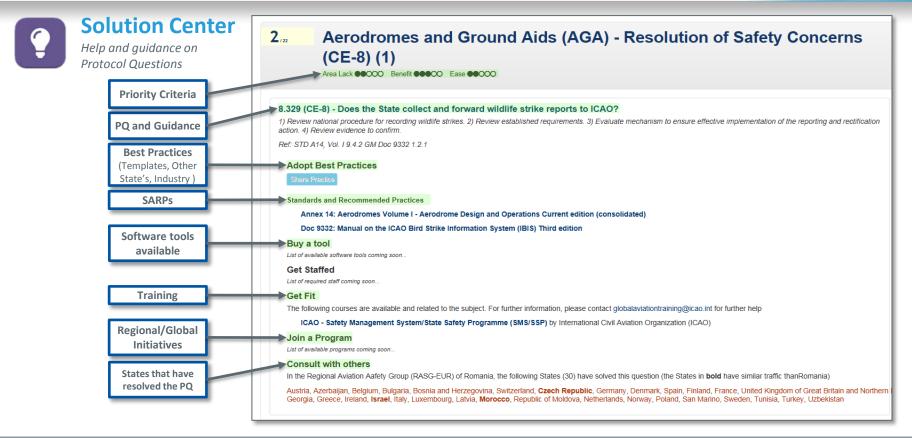






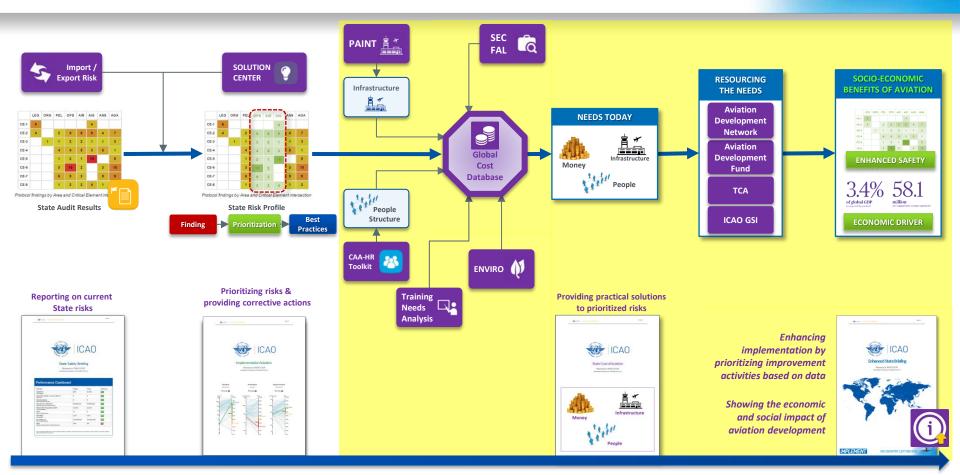




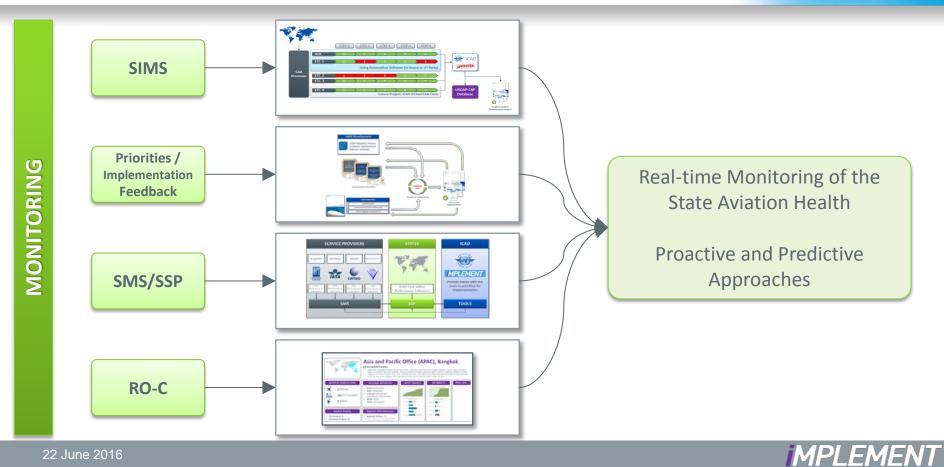






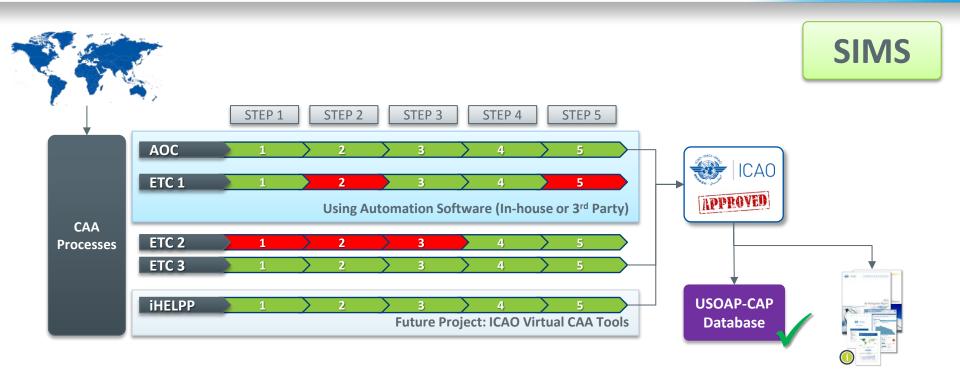






22 June 2016

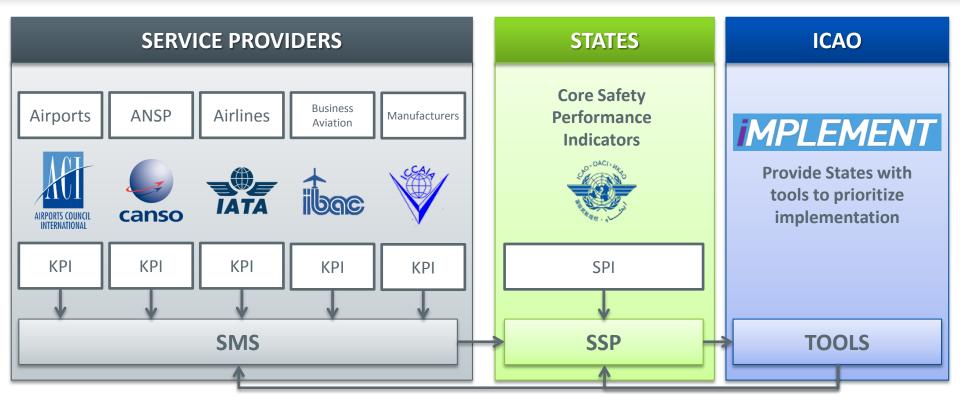




Implementation Monitoring & Analysis

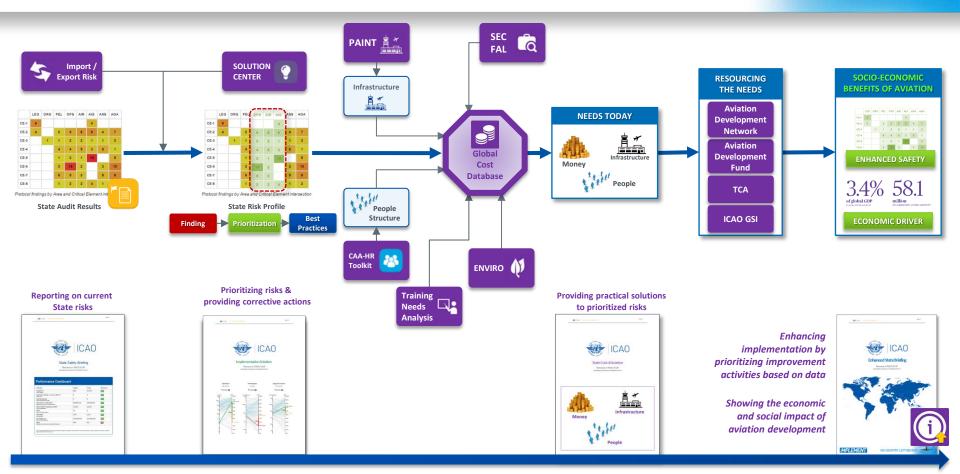




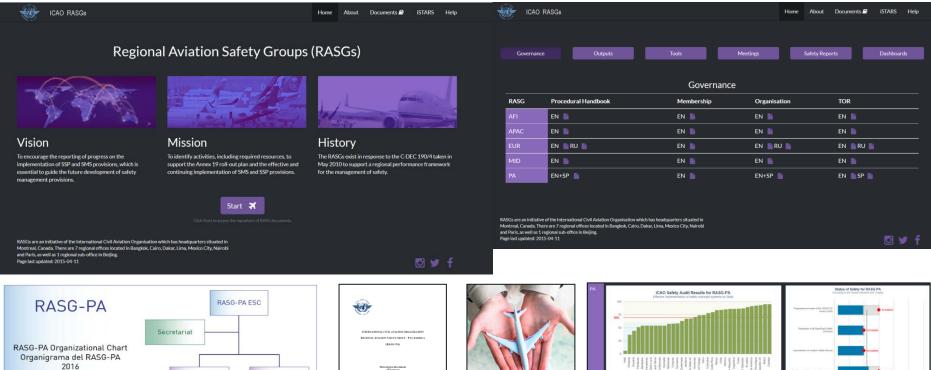












ESC: Executive Sterring Committee / Camida Directive Ejecutive
 PN-RX51: Par-America Reijond Arksian Salety Team / Equipa Regional de Seguridad Operacional de la Aviación Panamérica
 ASIT: Anatos Salety Report Team / Equipa de Unitem de Seguridad Operacional

