



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Global Aviation Safety Oversight System (GASOS)

A General Overview



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Outline

- Current Global Situation
- Regional Solutions
- Evolving with the Future
- What is GASOS
- GASOS Objectives
- Benefits of GASOS
- Key Takeaways



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Current State of Play

- Many States continue to struggle meeting their safety oversight obligations;
- Effective implementation of SARPs is increasing at a nominal rate;
- States have limited financial and technical resources;
- External assistance (from State and Regional Organizations) is often necessary; and
- Regional solutions are possible options, but they have their own challenges

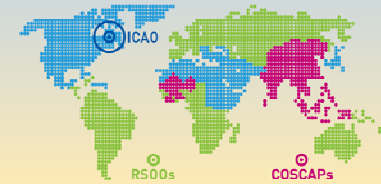


ICAO

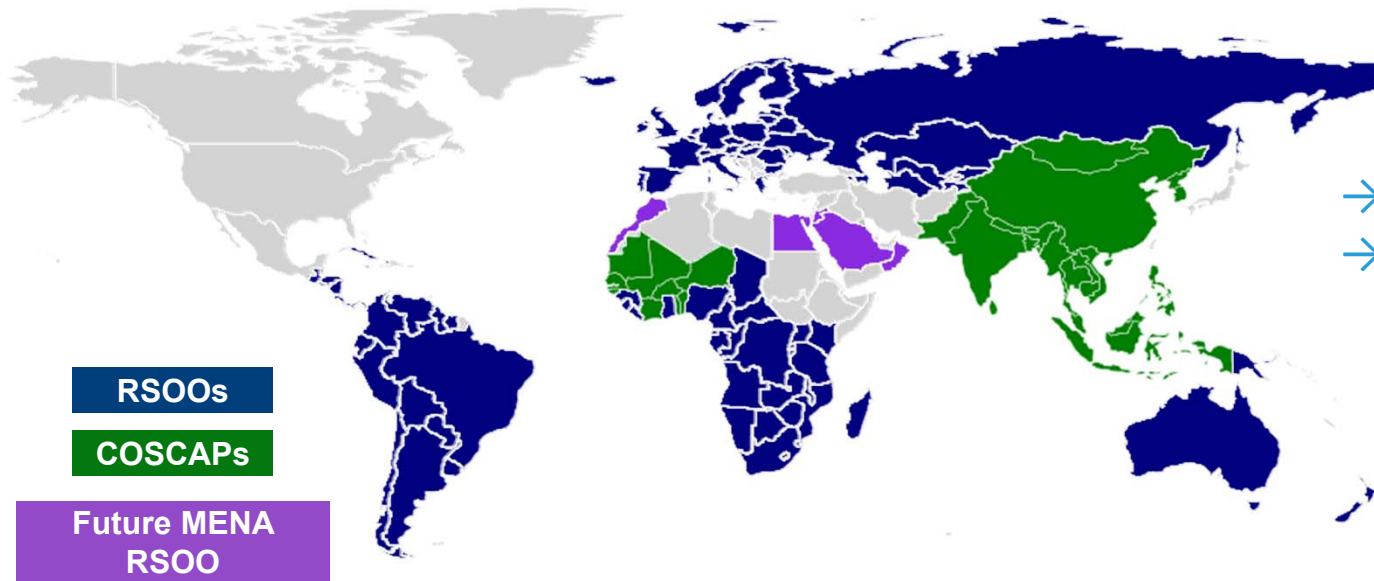
GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Regional Solutions



- ~160 Member States
- 95 % want to participate in GASOS



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM
ENHANCING SAFETY OVERSIGHT WORLDWIDE



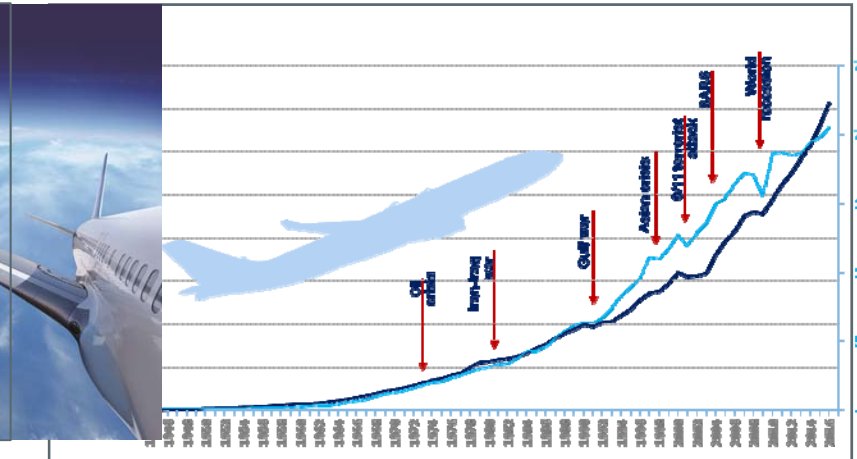
Evolving with the Future



Cyber Safety



Space Transportation



Growth of Air Transport



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



What is GASOS

- GASOS is a system designed by ICAO to assess, recognize, and continuously monitor the capability of Safety Oversight Organizations (SOOs) and Accident Investigation Organizations (AIOs) to perform safety functions on behalf of States.
- GASOS will provide States with a global range of solutions for delegating safety functions or activities.
- The results will allow for more efficient and effective use of limited resources and greater harmonization worldwide.



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM
ENHANCING SAFETY OVERSIGHT WORLDWIDE



GASOS Objectives

1. Strengthen State safety oversight capabilities; and
2. Make SOOs/AIOs more effective and efficient.



ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Benefits

States

- Provides an alternative to having all safety oversight functions in-house with the required staffing.
- Flexibility to choose and combine from different organizations for the various functions.
- Access to services beyond the conventional RSOOs, from outside of the State's sub-region, to more global best practices.
- Ability to maintain a more cost-efficient and effective CAA

RSOOs

- RSOOs would be empowered and strengthened to effectively carry out functions on behalf of States.
- RSOOs would be aligned with the ICAO aviation safety strategies in the GASP.
- Efficiencies would be realized with respect to current regulatory systems and safety oversight audit programmes.

ICAO

- Apply USOAP CMA to RSOOs and safety oversight organizations for States, resulting in more efficient and effective use of resources
- Provide for a higher and more consistent compliance with the ICAO SARPs
- Improve national and regional safety oversight capabilities - GASP
- Safety enhanced globally



ICAO

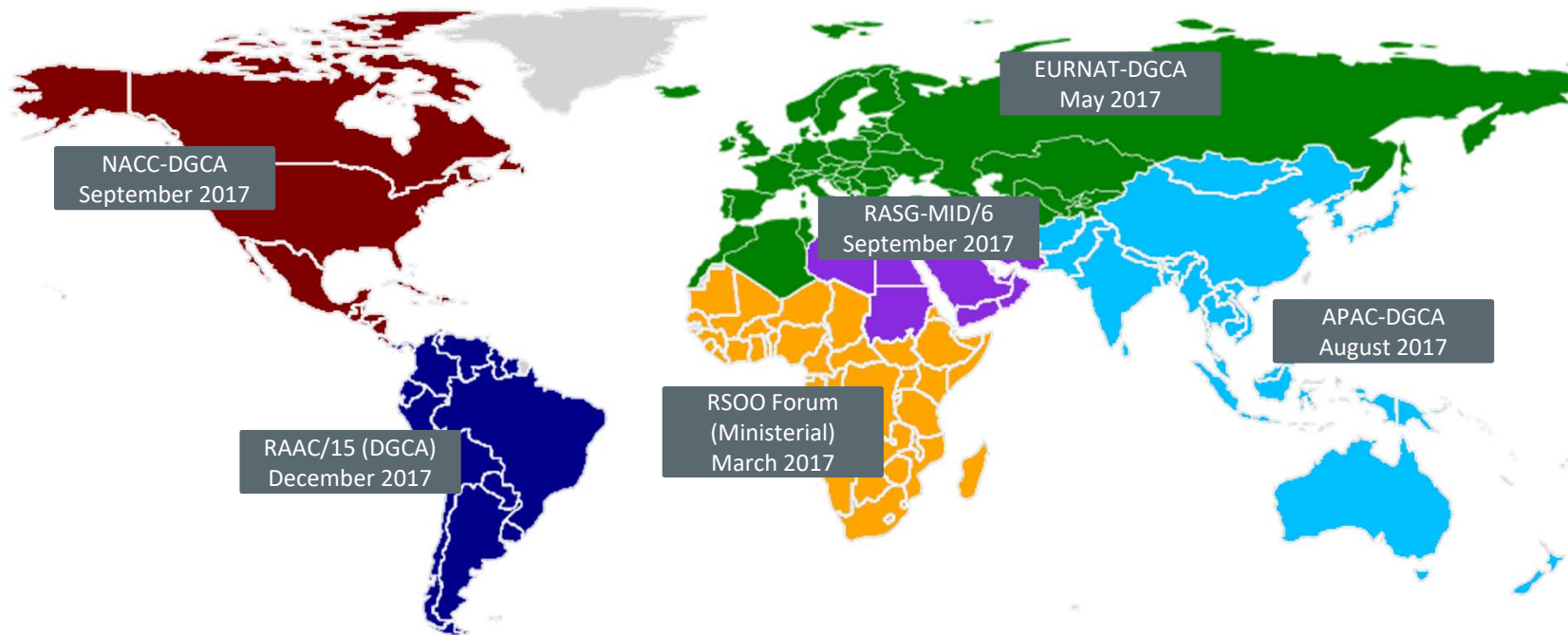
GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Regional Endorsement





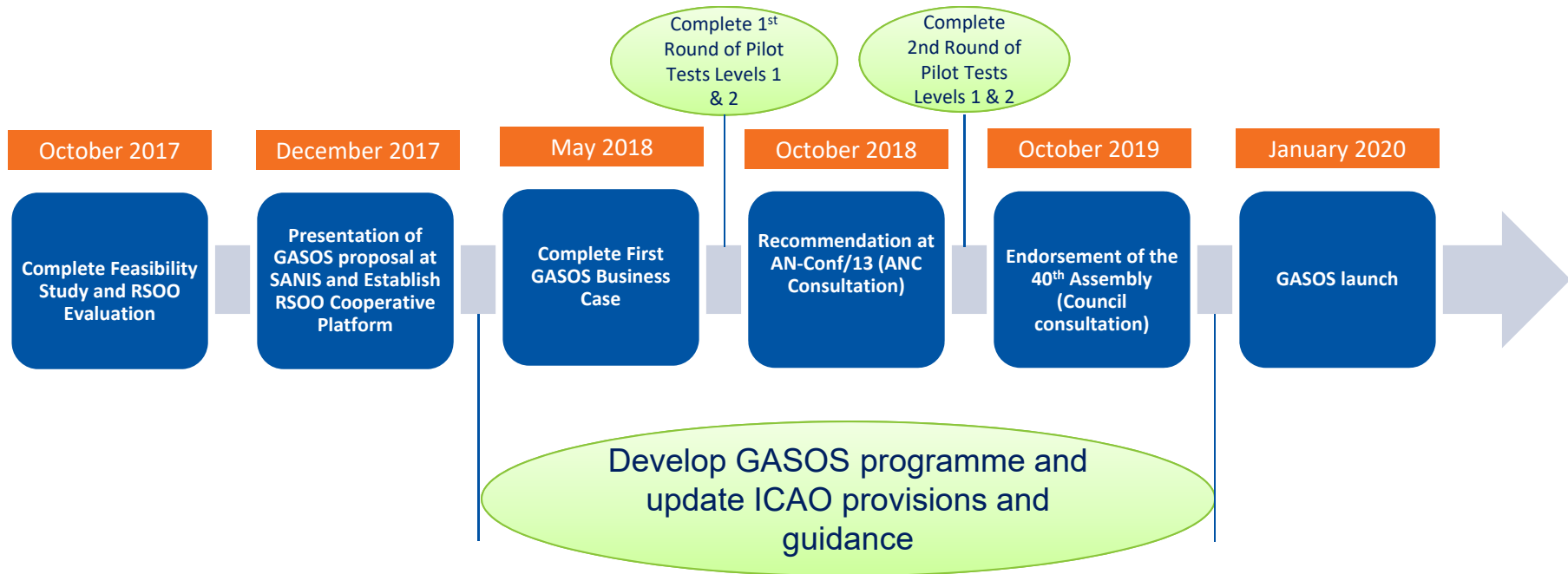
ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM
ENHANCING SAFETY OVERSIGHT WORLDWIDE



Schedule and Milestones





ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM
ENHANCING SAFETY OVERSIGHT WORLDWIDE



Key Takeaways

- States keep ultimate **responsibility for Safety Oversight**
- GASOS is a **voluntary** programme
- Delegated functions and activities are **mapped to USOAP CMA PQs**
- Everyone **benefits** while aviation **safety is enhanced** globally
- Work in progress will be presented to A40





ICAO

GASOS

GLOBAL AVIATION SAFETY OVERSIGHT SYSTEM

ENHANCING SAFETY OVERSIGHT WORLDWIDE



Questions ?

WWW.ICAO.INT/SAFETY/GASOS

