



EASA
European Aviation Safety Agency

***Caribbean – EASA Conference
12-13 October 2017***

EASA

The European Aviation Safety Agency

Frank Steffens
Head of International Cooperation

Your safety is our mission.

An agency of the European Union 



Content

- *The EU aviation safety system*
- *EASA Key Facts*
- *EASA International Cooperation*
- *RSOO initiatives*
- *Outlook*





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EU and EFTA countries



28 EU states



4 EFTA states

EFTA = European Free Trade Association





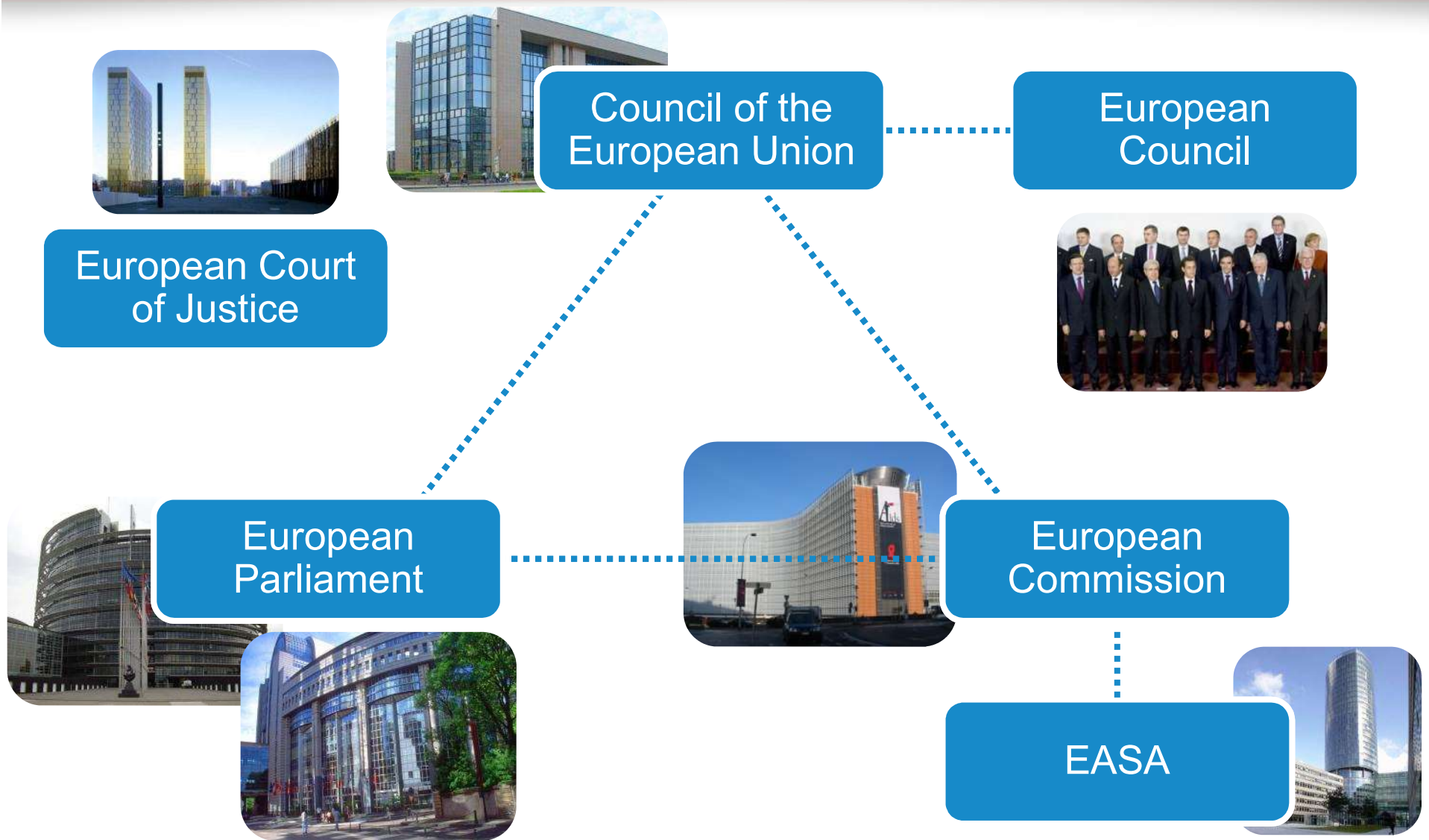
How the European Union works

SUPRANATIONAL

INTERGOVERNMENTAL



The Institutions of the EU





EASA's Mission

Ensure the highest
common level of
safety protection for
EU citizens

Ensure the highest
common level of
environmental
protection

Single regulatory and
certification process
among Member
States

Facilitate the internal
aviation single market
& create a level
playing field

Work with other
international aviation
organisations &
regulators



EASA's Tasks

Draft implementing rules in all fields pertinent to the EASA mission

Certify & approve products and organisations, in fields where EASA has exclusive competence

Provide oversight and support to Member States in fields where EASA has shared competence

Promote the use of European and worldwide standards

Cooperate with international actors in order to achieve the highest safety level for EU citizens globally



The EU aviation safety system





Scope of regulatory competences

**Economic
regulation**

**Performance
regulation**

**Safety
regulation**

**Interoperability
regulation**

Airworthiness

*Operations
& Aircrew*

*3rd Country
Operations*

Aerodromes

ATM/ANS

total System approach



Advantages of the EASA system



Centralisation –
efficiency



Decentralisation –
local application



System not task
oversight



Flexible
(AMCs/GM/CS)



Proportionate



Open to comment –
transparent



Scalable



Facilitates regional
cooperation



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About EASA



Founded in 2002



Built on experience
from the JAA



Located in
Cologne, Germany



Staff of more than
800



Headed by Mr
Patrick Ky



EASA Building Cologne/Germany



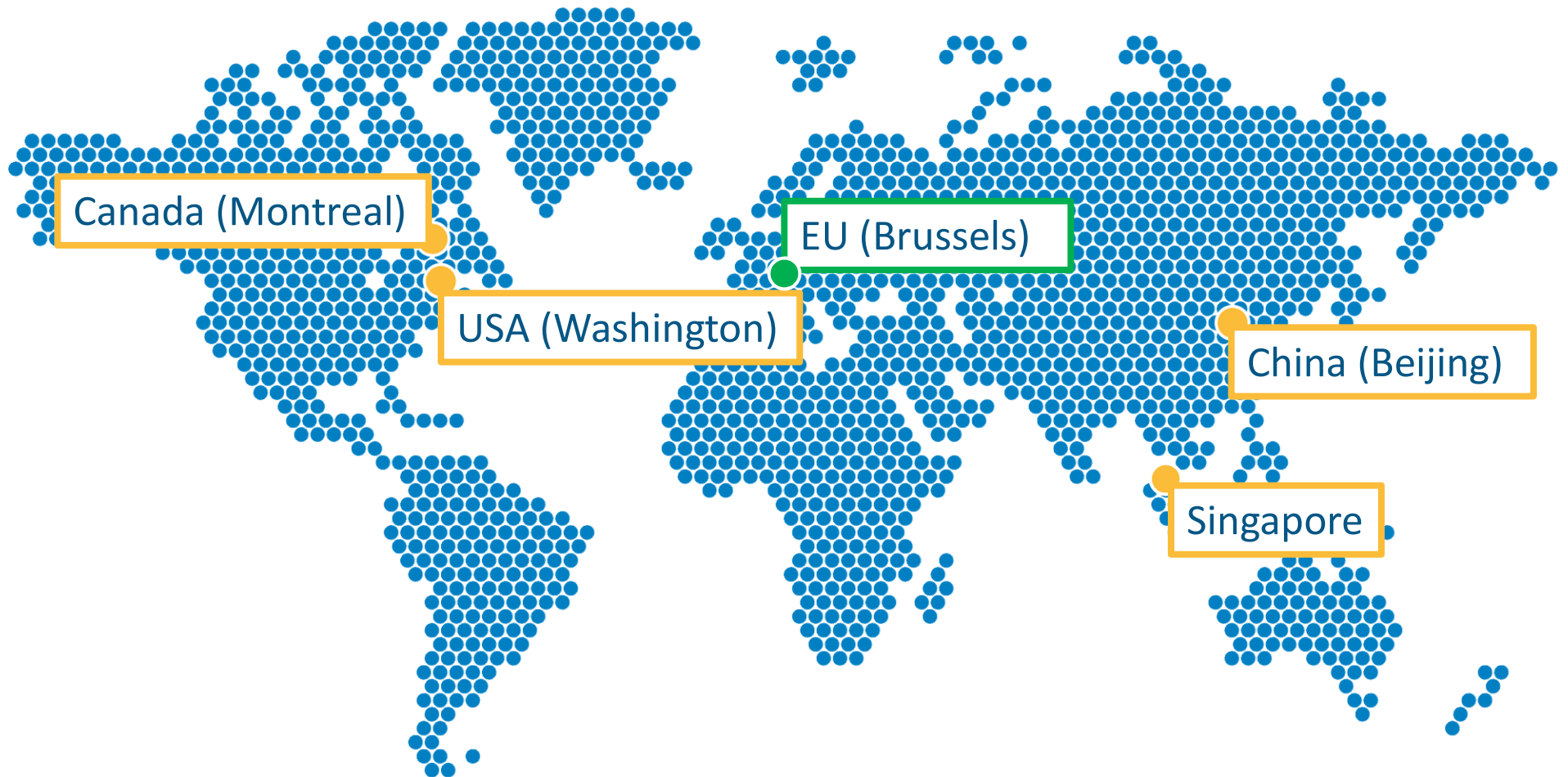


EASA Building Cologne/Germany



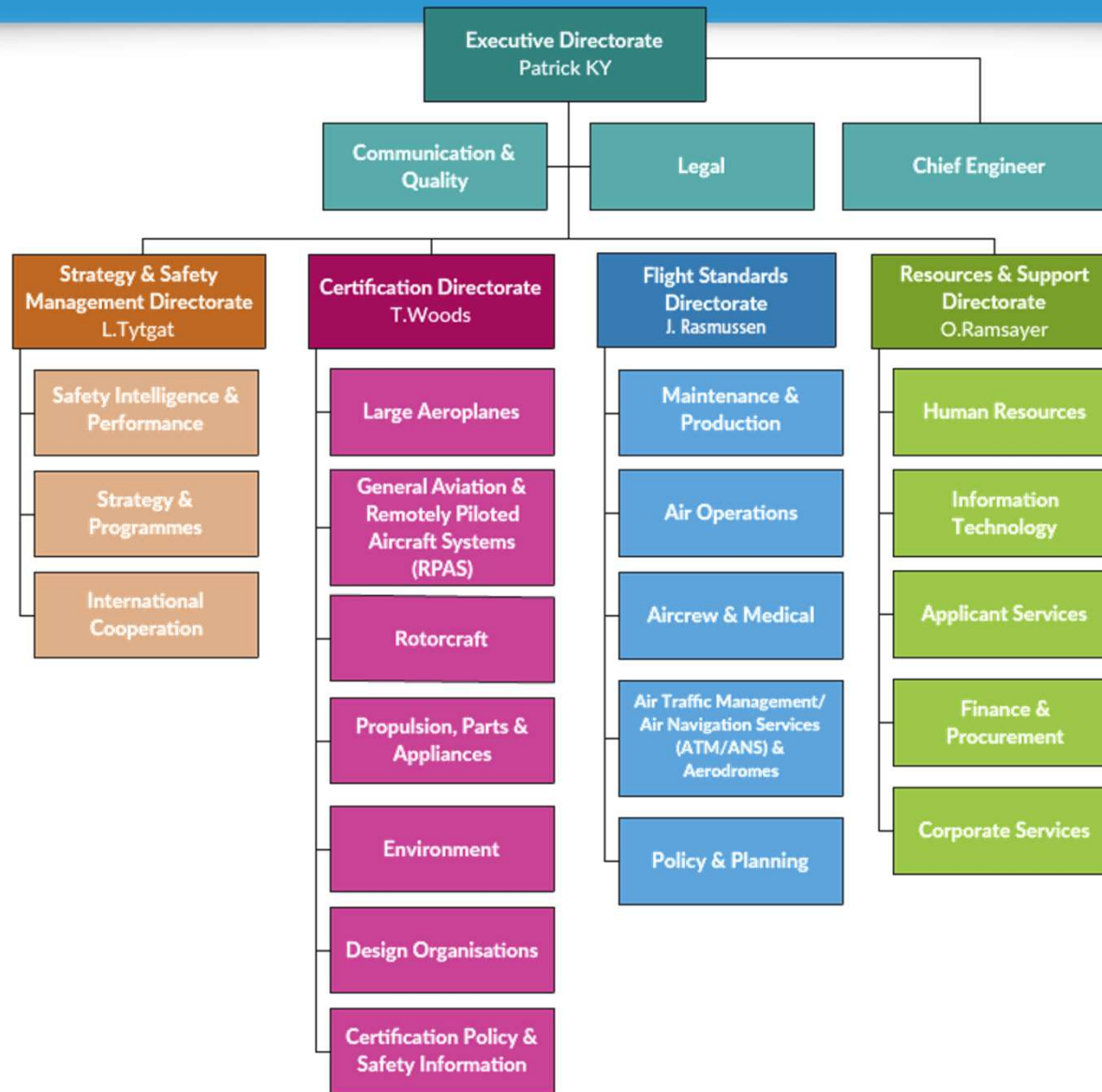


Permanent International Representations



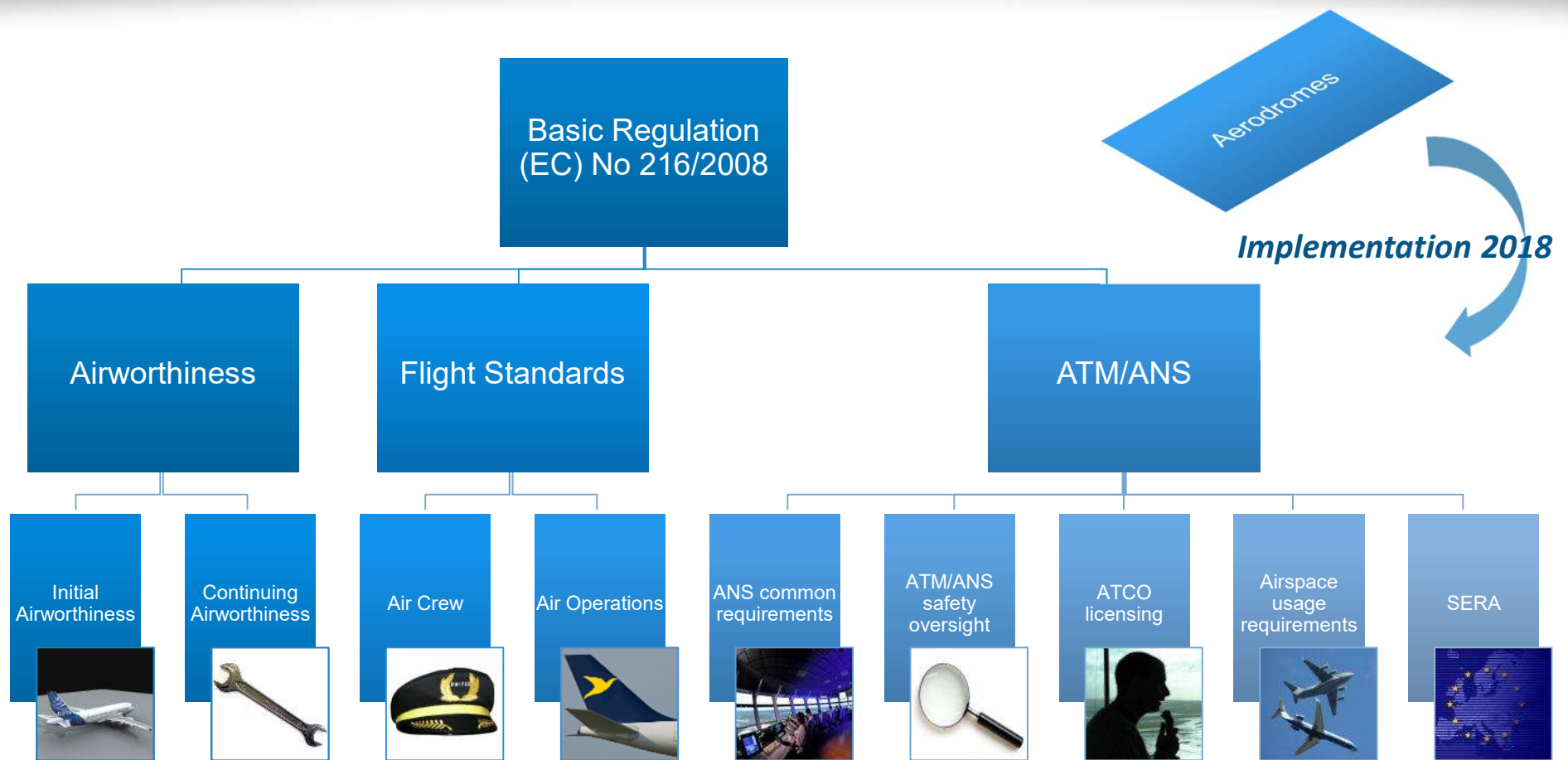


Organisation Chart





Regulatory Structure



New EASA BR: Ground handling? Security?



Amendment of the Basic Regulation

➤ An Aviation Strategy for Europe

- Jobs, Growth and Investment
- Energy Union and Climate
- Internal Market
- EU as a Global Actor



- To adapt the EU regulatory system to new challenges
- Need to anticipate new technologies to preserve short time-to-market demands by the EU industry
- Need to keep up with the demand increase from industry
- To improve the efficiency, proportionality and flexibility of the system
- To optimise the use of available resources at EU level



EASA
European Aviation Safety Agency

A truly European aviation system

Ready for new industry challenges



Digitalisation

Drones

Security

Environment

**New international
players**

With a powerful international dimension

Your safety is our mission.

An agency of the European Union





Partnership with EU Member States






- Implementing EU Legislation
- Oversight of national organisations
 - Production
 - Maintenance
 - OPS/Licencing
 - Training
 - ATM
 - Aerodromes

- Drafting of implementing rules
- Oversight of Member States
- Aircraft and product certification
- Safety of non-EU operations
- Approval of non-EU organisations
 - Production
 - Maintenance
 - Training
 - ATO, FSTD, AeMC, ATM etc.



Certificates and approvals

	EASA
	Member State
	Member State or EASA for certain situations, such as foreign approval

Initial Airworthiness

Type Certificates (Full / Supplemental / Restricted)

European Technical Standard Order Approvals (ETSO)

Design Organisation Approval

Production Organisation Approval

Certificates of Airworthiness

Noise Certificates

Continuing Airworthiness

Continuing Airworthiness Approvals

Maintenance Organisation Approvals

Aircraft Maintenance Licences

Maintenance Training Organisation Approvals

Flight Standards

Operators Authorisation

Flight Crew Licences

Flight Training Organisation Approval

Aero Medical Centres

FSTD Qualification

Aerodromes

Aerodrome certification

Aerodrome operator certificate

Technical system oversight

Approval of Safety Critical Aerodrome Systems

ATM

Air Navigation Service Providers

ATCO licences

ATCO training organisations

Technical systems and Constituents

Aero Medical Centres



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Strategic approach - International

Contributing to the EU's external aviation policy with two key objectives:

High-level
strategic
objectives



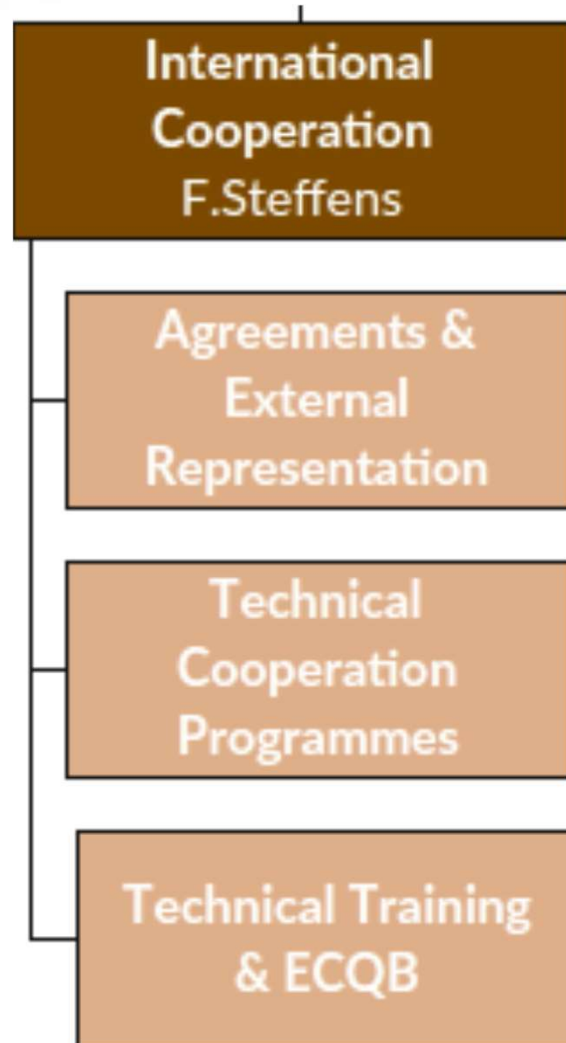
Ensure that
citizen
interests for
safety are
being met at
global level



Ensure a
global level
playing field
for European
industry



SM.3 International Cooperation



47 staff (total)



Institutional relations



Bilateral Aviation Safety Agreements – BASA

- US (signature 2008, entry into force 2011)
- Canada (signature 2009, entry into force 2011)
- Brazil (signature 2010, entry into force 2013)
- Future: China, Japan



Over 120 Working Arrangements & cooperation agreements with 26 States

- “Quasi-multilateral”: “PANEP”, SAFA
- Bilateral: i.a. UAE, Singapore, China, Qatar ...



Multilateral relations – ICAO

- European coordination on matters of global nature
- Support to Member States
- Coordination and information exchange with ICAO (auditing activities, ASIAP etc.)
- Technical expertise to ICAO activities
- Regional Safety Oversight Organisations (RSOO)



Institutional relations – EASA website

Screenshot of the EASA website showing the 'EASA by Country' page. The browser address bar displays <https://www.easa.europa.eu/easa-and-you/international-cooperation/easa-by-country/map>. The page header includes the EASA logo and navigation links: the agency, newsroom & events, EASA & you, regulations, document library, and can we help you? The breadcrumb trail reads: home > easa & you > international cooperation > easa by country.

EASA by Country

Navigation tabs: List, Map, Conflict zones.

SEARCH FILTERS

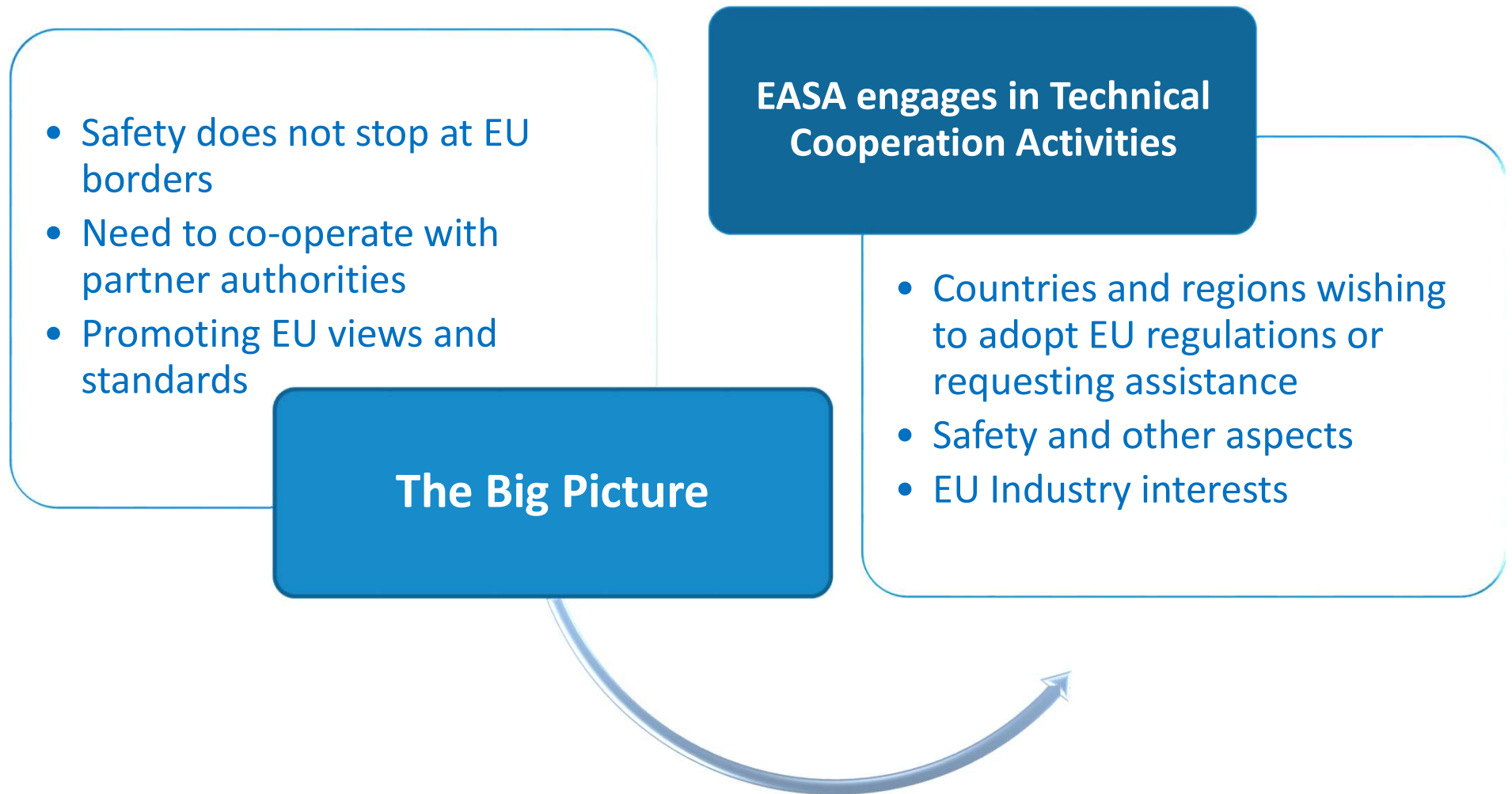
EASA Relationship

- ☒ M EASA Member State
- ☐ OB Management Board Observer
- ☐ WA Working Arrangement
- ☐ BA Bilateral Agreement
- ☐ TC Technical Cooperation Activity
- ☐ REP EASA Representative Office

Reset



EU/EASA Technical Cooperation





EASA Technical Cooperation



Part of EU development policy



Mainly EU funds granted by the European Commission



Partnership with authorities and Regional Safety Oversight Organisations (RSOO)



Focus on safety and technical cooperation together with partners



Technical Cooperation Principles

Support not
interfere

Based on
needs
of beneficiaries

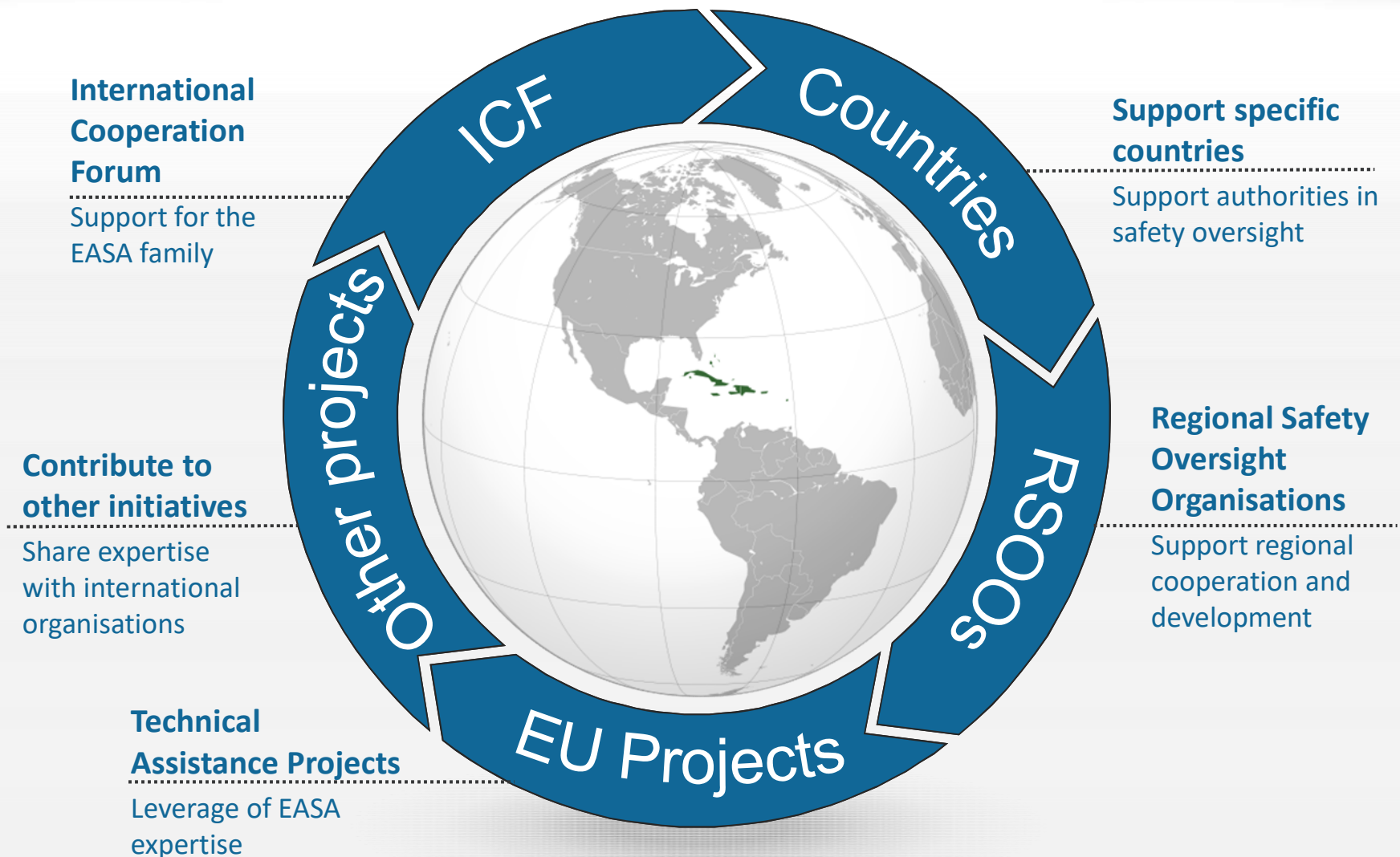
Coordinate and
learn from
other partners

The beneficiary
is the natural
leader

Organisational
and
institutional
aspects



EASA Technical Cooperation Activities





EU Technical Cooperation Projects





EASA Technical Training - objectives





Training services for non-EU CAAs

- Technical Training services
 - Class-room and online trainings through enrolment in the [EASA Learning Gateway \(ELG\)](#)
 - Specific class-room trainings/workshops through EASA experts and/or approved TT organisations
 - Cooperation/support for the development of training programmes for aviation inspectors
 - Training products focus on the EU regulatory framework, techniques and technical expertise for aviation technical staff in all aviation domains
 - More information
 - [EASA website | technical training](#), or
 - email to tt@easa.europa.eu



ECQB services for non EU-CAAs

- European Central Question Bank (ECQB) services
 - Exam paper services for theoretical knowledge examinations of commercial pilots (in development)
 - Support for
 - development/maintenance of syllabus and learning objectives + examination procedures for theoretical training of commercial pilots
 - elaboration of question writing methodologies
 - [EASA website | ECQB](#), or email to ecqb@easa.europa.eu



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RSOOs in the world - examples



... representing over 120 ICAO states



Regional Safety Oversight Organisations

Potential of RSOOs:



Efficient use of
resources



Level playing fields

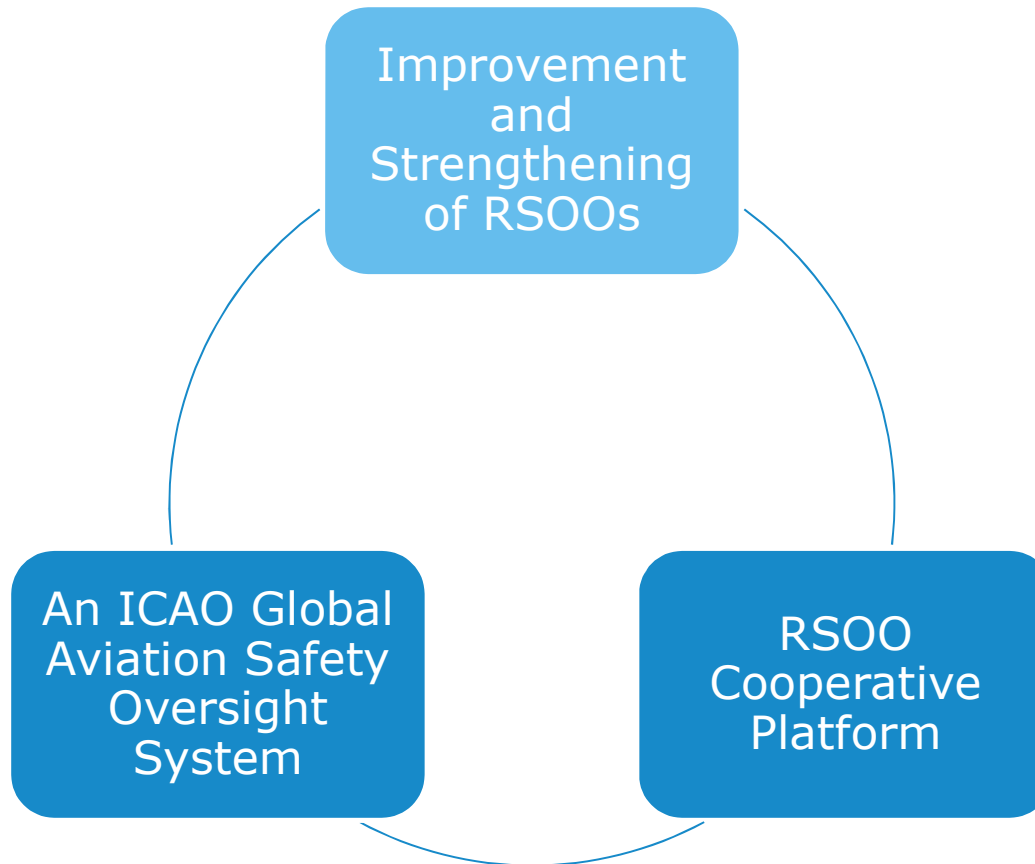


Experience of the EU
system

- Increase Regulators' cooperation and efficiency
- Improve local, regional and global safety
- EU system experience is available



Strategic Objectives Swaziland Forum





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More and better Cooperation

- Cooperation on regional and global level
- Aviation has no borders
- Increasing external threats
- Increasing technical complexity
- New aviation sectors
- New business models
- New stakeholders



Cooperation - the only option

- Ensure sufficient authority expertise
 - Efficiency measures
 - Need for planning and follow up
 - RSOO concept support
-
- **EASA is keen on working together with Caribbean partners**



EASA
European Aviation Safety Agency

Thank you for your attention
Questions?

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An agency of the European Union

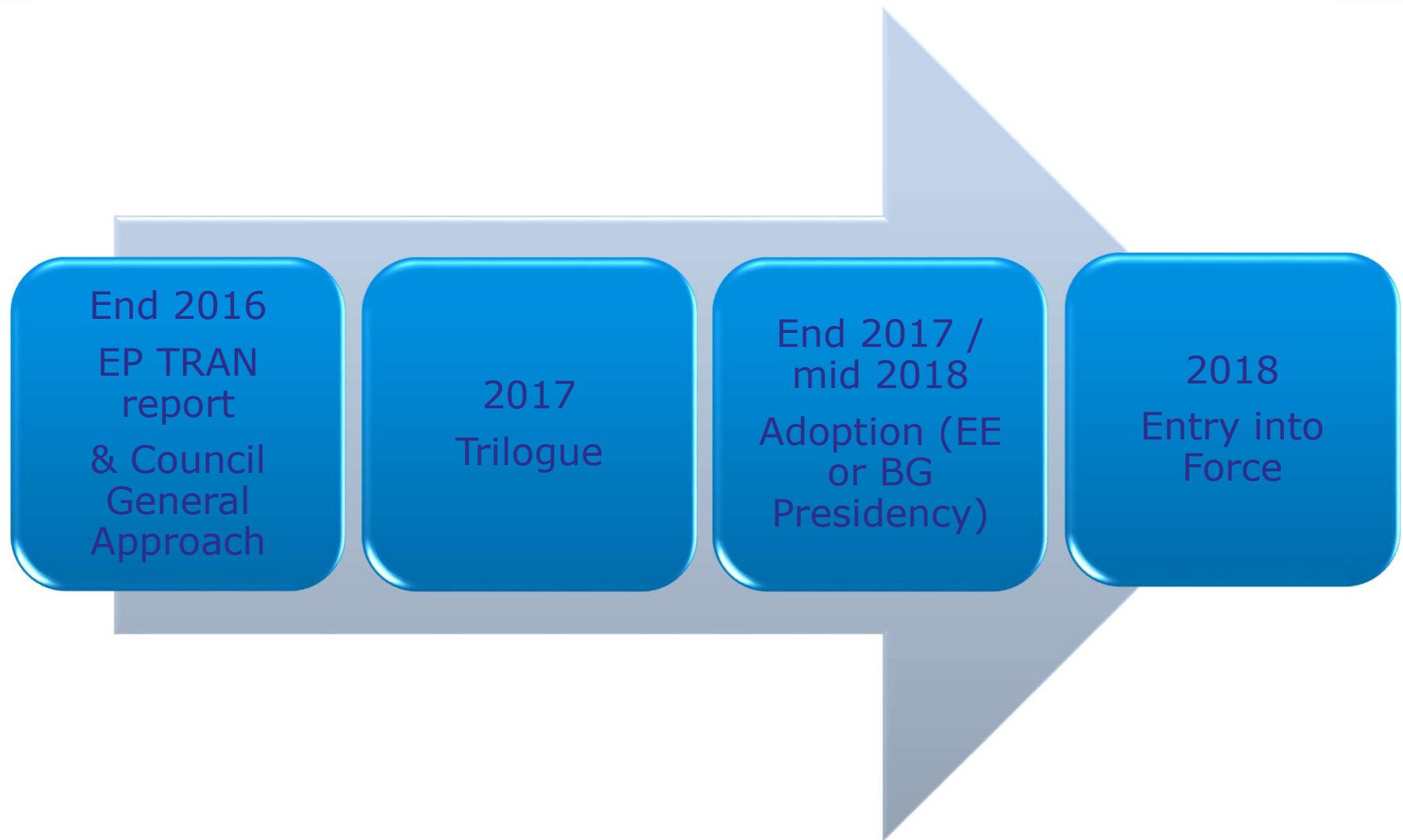




BACKUP SLIDES



Timeline new BR





EU centralised tasks



Product Certification



Third Country Operators

Rulemaking



Safety Intelligence and Research



Standardisation



European Aviation Safety Programme

Some Organisation Approvals



International Cooperation



Safety Assessment of Foreign Aircraft



European Strategic Safety Initiative (ESSI)



Some EU centralised services



Airspace design



Network management
Function



Aeronautical information
service



Flow management



GNSS



Aviation Safety Management

EU level

European Aviation Safety Programme (EASP)
supported by the European Plan for Aviation Safety (EPAS)

Already exist in practice - formalised by the proposal

Member State level

National Aviation Safety Programme
including National Plan for Aviation Safety

Already ICAO requirement - introduced by the proposal

Industry level

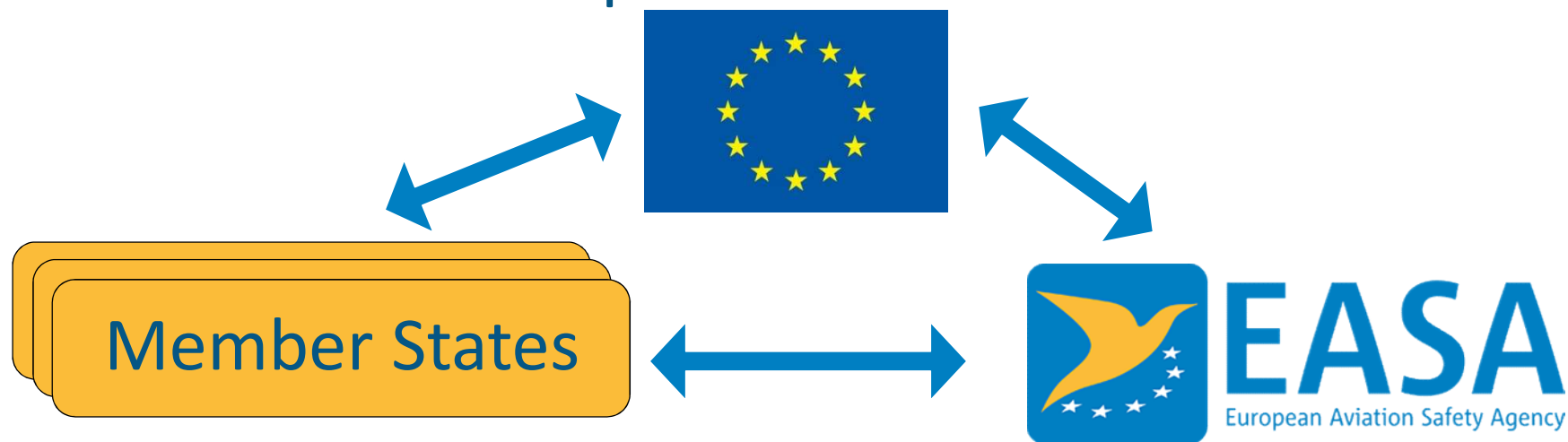
Management Systems

Already in existing rules



European approach to Safety Planning

European Commission



MS, EASA and EC need to work together to enact an SSP

European Aviation Safety Programme (EASP)





Safety management at EU level

European Aviation Safety Strategy:

- Policies and objectives from political authorities
- Opportunity for EC to spell out the Strategy goals

EC



European Aviation Safety Programme (EASP):

- Integrated set of regulations and activities aimed at improving safety
- Comprehensive Safety Programme for the Region (European SSP)

EC



European Plan for Aviation Safety (EPAS):

- High level safety issues assessment and related action plan
- EASA facilitates risk mitigation and monitoring

EASA





Current and potential projects

