



**ICAO - IAC Aircraft Accident and Incident Investigation (AIG)
Online Workshop (webinar, 12 - 14 April 2021).**

**The European Network of Civil Aviation
Safety Investigation Authorities
(ENCASIA)**

**Jurgen WHYTE
Deputy Chair ENCASIA
Chief Inspector - AAIU, Ireland**



Background

2008 : The 27 Accident/incident investigation authorities created the Council of European Aviation Safety Investigation Authorities



Context to enhance cooperation between Member States, in the field of accident investigation and the newly created European Aviation Safety Agency (EASA)

Publication on 29 October 2009 of the EC Proposal for a new Regulation on accident /incident investigation under the co-decision procedure between the EP and the Council



Necessity for a New Legislation

- Modernise Directive 94/56 on accidents investigation
- Evolution of the European aviation market and a global air transport industry much more complex
- Necessity of new expertise methods and of more resources for investigations
- More divergence in the investigating capacity of the EU Member States compared to 1994
- New legal and institutional environment with the creation of the European Aviation Safety Agency (EASA)
- Reinforcing and Formalizing Cooperation



Regulation (EU) No 996/2010

A rapid legislative process

- Proposed by the European Commission on 29 October 2009 under the co-decision procedure between the EP and the Council
- Informal agreement under Spanish Presidency June 2010
- Confirmed by the EP Plenary on 21 September and Council on 11 October 2010
- Published in EU Official Journal on 12 November 2010
- **Entered into force in 27 Member States on 2 December 2010**

=> Precedence over national laws



ENCASIA's beginnings

2 December 2010: Entry into force of Regulation (EU) No 996/2010



Article 7: Creation of the European Civil Aviation Investigation Authorities Network – ENCASIA (previously informal Council named CEASIA)

19 January 2011: Election of Chairman and Deputy Chairman

- Chairman:
 - ✓ Mr Ulf Kramer (BFU, Germany)
- Deputy Chairman:
 - ✓ Mr Keith Conradi (AAIB, United Kingdom)



Approval of Rules of Procedure



The Network

- Formalises and strengthens the existing cooperation (from CEASIA to ENCASIA)
- **Not an Agency**
- Seeks to further improve the quality of investigations by a stronger cooperation between safety investigation authorities
- Assists European Institutions on all aspects of development of policies and rules relating to safety investigations and the prevention of accidents and incidents
- Receives grants from the European Commission to further enhance aviation safety



Aims and Objectives





Chairman and Deputy Chairman since February 2017

Chairman: Mr. **Rémi Jouty**
(BEA, France)



Deputy Chairman: **Mr Jurgen Whyte**
(AAIU, Ireland)



Re-Elected for three more years by
ENCASIA Members in February 2020



ENCASIA Core Work Programme

Working Group 1: Management of Communication

Working Group 2: Cooperation (incl. Family Assistance)

Working Group 3: ENCASIA Mutual Support System (EMSS)

Working Group 4: Planning and Resources

Working Group 5: Peer Reviews

Working Group 6: Safety Recommendations

Working Group 7: ICAO Matters (Under development)



ENCASIA Core Work Programme

Working Group 1: Management of Communication

The objectives: To maintain up-to-date information on the ENCASIA website's public and restricted sections, to increase public awareness of ENCASIA activities, to maintain updated contact lists that could be used to support ENCASIA's mutual support activities, and to share communication Best Practices.

Working Group 2: Cooperation (incl. Family Assistance)

The objectives: To maintain, update and share the inventory of Best/Good Practice for Safety Investigation Authorities, to prepare processes and short procedures that Safety Investigation Authorities might use during a safety investigation of major, complex or high-profile civil aircraft accidents, to maintain the practical guide for investigators and the leaflet addressed to victims and their relatives.



ENCASIA Website (hosted by EC)

About the ENCASIA network

Search

Search



European Network of Civil Aviation Safety Investigation Authorities

Restricted area

Word of the Chairman

Rémi Jouty, Chairman ENCASIA



Dear visitor,
Dear network colleagues,

Welcome to the ENCASIA website, designed to provide you with information on the European Network of Civil Aviation Safety Investigation Authorities (ENCASIA) and our role.

ENCASIA was established in January 2011 thanks to the entry into force of Regulation (EU) No 996/2010 on the investigation and prevention of accidents and incidents in civil aviation.

ENCASIA constitutes an independent grouping of the 28 civil aviation safety investigation authorities (SIAs) of the EU Member States.

Our mission is to further improve the quality of air safety investigations and to strengthen the independence of the national investigating authorities. It is responsible for issues such as:

Air

- ▶ 25 Years of EU Aviation
- ▶ Airports
- ▶ Aviation Safety Policy in Europe
- ▼ ENCASIA
 - ▶ ENCASIA activities
 - ▶ Member authorities
 - ▶ Leaflet on assistance to Air Accident Victims and their Relatives
- ▶ Environment
- ▶ European unmanned aircraft systems (UAS)
- ▶ International Aviation
- ▶ SESAR
- ▶ Security
- ▶ Studies
- ▶ An aviation strategy for Europe
- ▶ Internal market
- ▶ High Level Groups
- ▶ Single European Sky
- ▶ Atlas of the Sky

https://ec.europa.eu/transport/modes/air/encasia/activities_en;



ENCASIA Core Work Programme

Working Group 3: ENCASIA Mutual Support System (EMSS)

The Objectives: To develop the ENCASIA Mutual Support System (EMSS), and organise and run in-country exercises with the purpose to allow Safety Investigation Authorities to exercise and test their National Plans to manage and organise a safety investigation of a major or complex civil aircraft accident.

Working Group 4: Planning and Resources.

The objectives of WG4 are to assist ENCASIA in managing the EC grants, to undertake the financial, planning and logistical activities required to support the ENCASIA Work Programme, and to coordinate the training activities of ENCASIA. Belgium, France, Luxembourg, and the EC are members of this group. This group is chaired by the French Safety Investigation Authority.



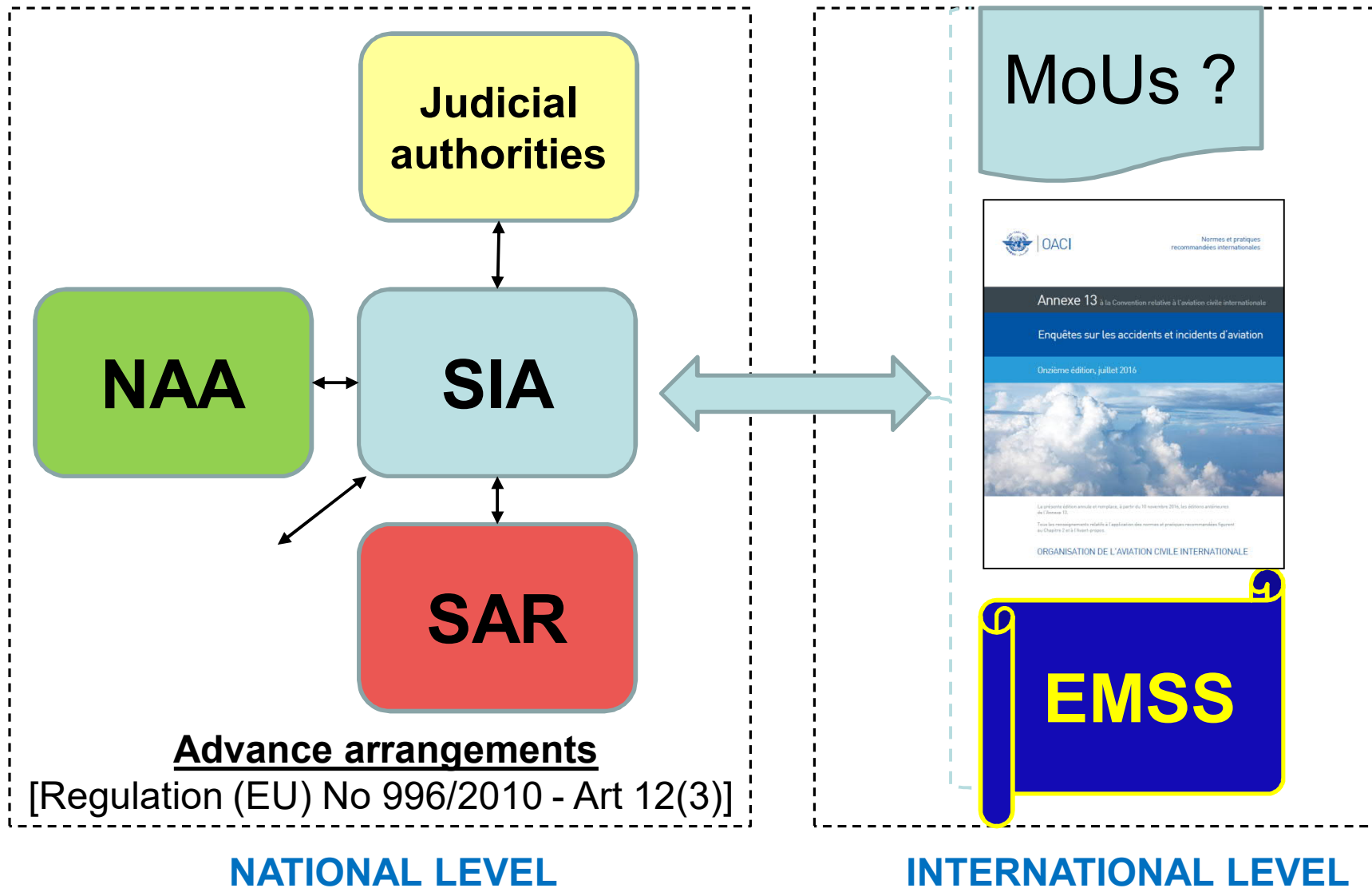
ENCASIA Mutual Support System (EMSS)

- **Objective:** To provide a harmonized investigative response in case of a major accident anywhere in the European Union
- **Two pillars:**
 - Optimisation of national resources (Advance Arrangements and development of a National Investigation Management Plan - NIMP)
 - Concept of an Assisting IIC
- **Table top exercises (presence of observers from other States)**
 - 2018 in Iceland, Slovenia and Lithuania
 - 2019 in Latvia and Portugal





Prior Arrangements





ENCASIA Core Work Programme

Working Group 5: Peer Reviews

The objectives: To develop and implement the Peer Review programme so as to help Safety Investigation Authorities enhance their safety investigation capabilities.

Working Group 6: Safety Recommendations (SRs)

The objectives: To smooth and standardized operations of the Safety Recommendations Database (SRIS) by all Safety Investigation Authorities with the progressive identification and analysis of SRs of Union-wide relevance, analyse new SRGC definition proposed in ICAO Annex 13; set up the next ENCASIA training on SRs open to the SIAs, NAAs and the aeronautical industry, planned for October 2021.

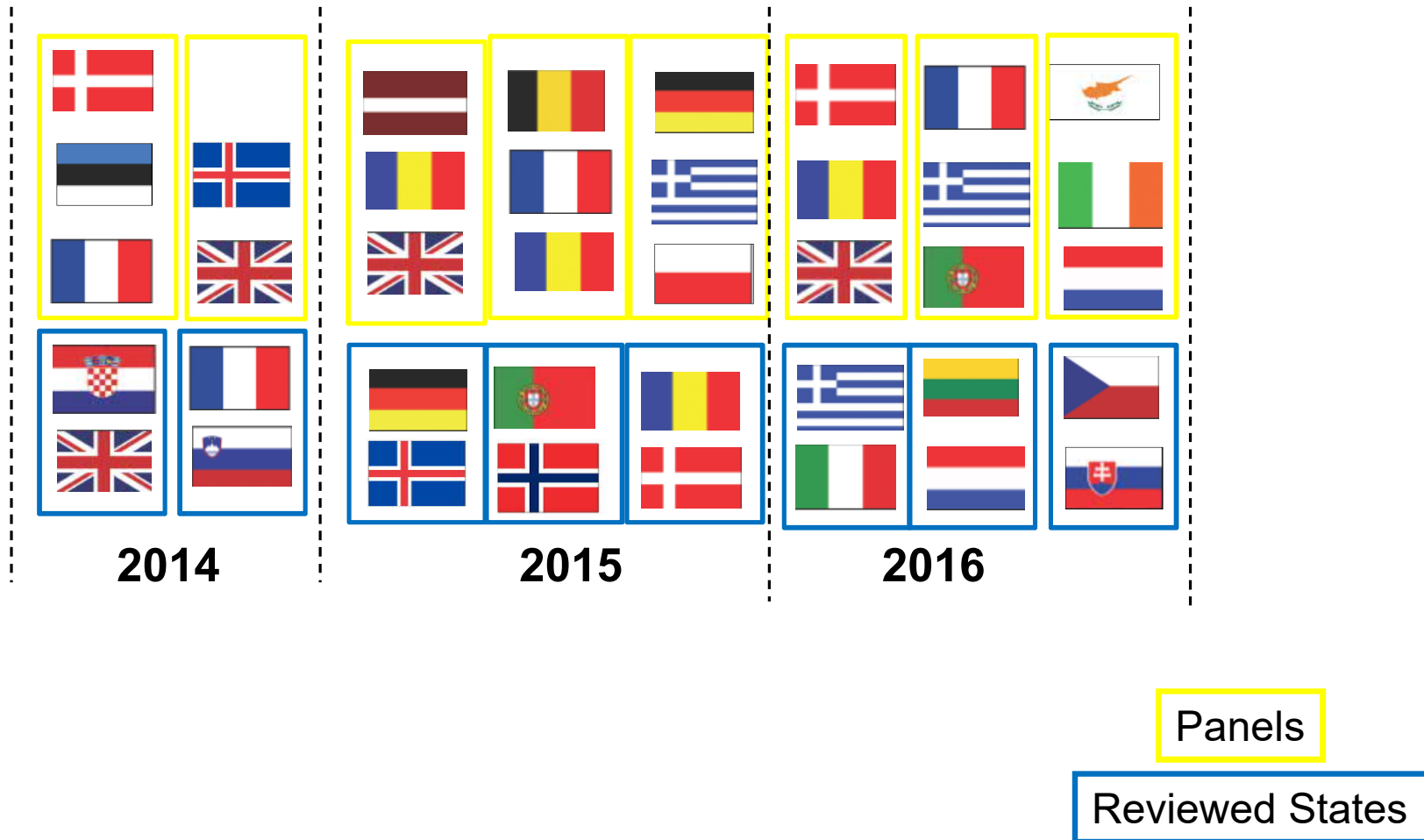


Peer Reviews

- **Questionnaire prepared and sent to SIAs.**
- **Questionnaire completed by SIA and returned to Peer Review Panel.**
- **Site visit of Peer Review Panel to SIA.**
- **NOT an AUDIT.**
- **Determining what resources were available.**
- **Compliance with the provisions of the Regulation 996/2010 – any difficulties.**
- **Prepare and issue a confidential Report**

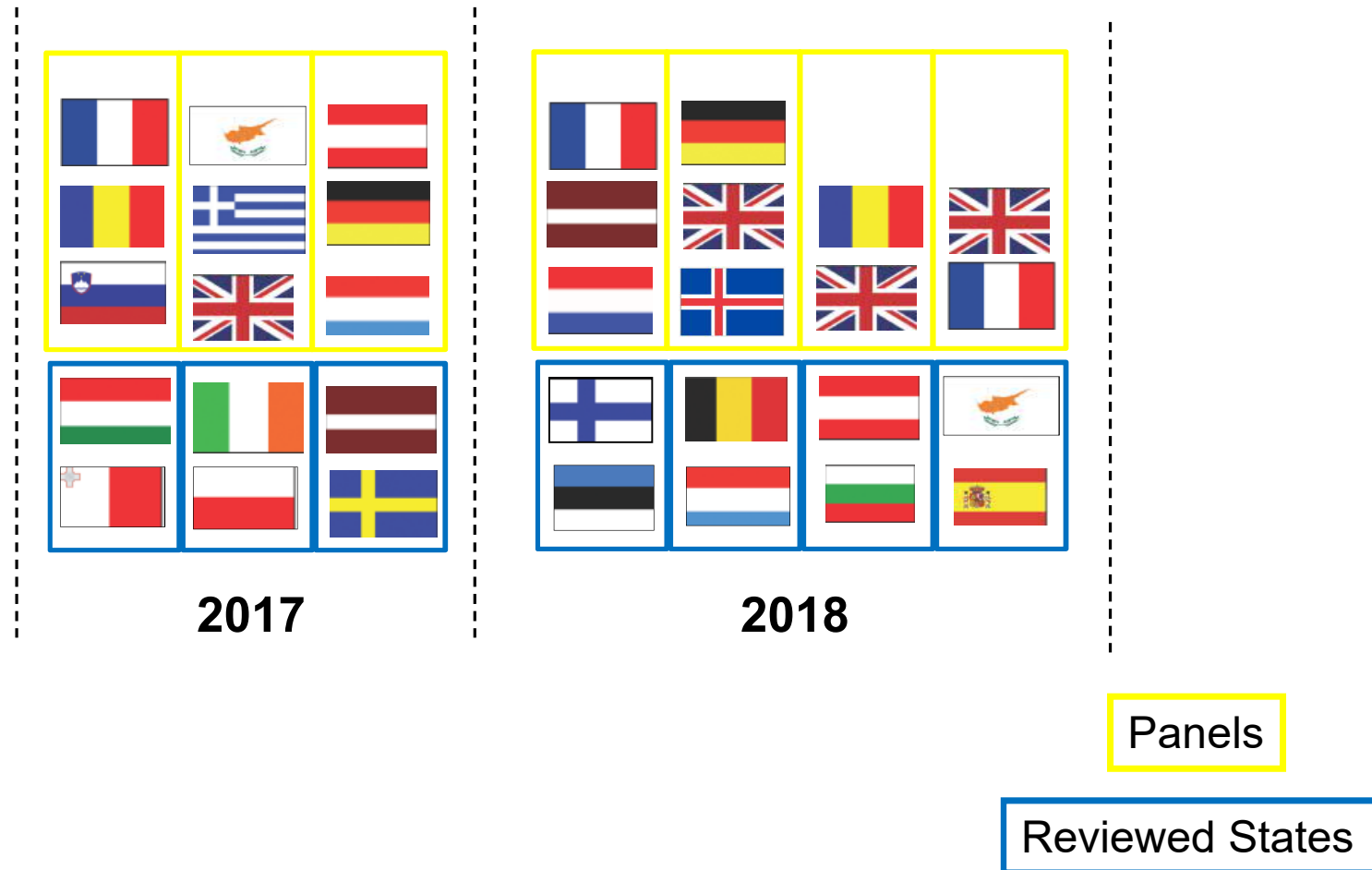


Peer Reviewed States and Panels (2014 – 2016)





Peer Reviewed States and Panels (2017 – 2018)





Peer Reviews 2014-2018

- Phase 1 finished – 28 MS reviewed + Iceland & Norway
- 30 Peer Reviews in 5 years!
- Beyond Europe (Israel, Nigeria, Singapore)
- 69 investigators trained in the peer review process
- Switzerland was also Peer Reviewed
- Process shared with the **NIB** (European Network of Rail Investigation Boards)





Safety Recommendations database (SRIS)

- Reg (EU) No 996/2010 requires SIAs to record in a database (SRIS) Safety Recommendations and responses received
- Safety Recommendations part of SRIS publicly available, link on ENCASIA web page.
- ENCASIA position paper to recommend to the commission to open Responses to public
- ENCASIA/EASA safety recommendations workshop on 25-26 February 2019 in Cologne



ENCASIA Core Work Programme

Working Group 7: ICAO Matters

It is proposed to create a new working group to initiate an ENCASIA coordination process when ICAO States Letters include proposals for changes related to safety investigations and/or Annex 13. This group also deals with mapping the provisions of Annex 13 to those of Regulation (EU) No 996/2010.

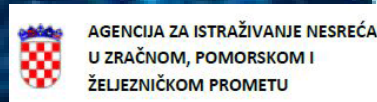


Future Activities

- Two Plenary Meetings per year
- 2021 Workshop on Safety Recommendations (involving EASA and Manufacturers)
- 2021 EMSS Workshop focused on the relations with Judicial Authorities
- Second Phase of Peer Reviews
- etc.



Thank You!



ENCASIA



QUESTIONS ?