



Regional Cooperation in Europe on Accident Investigation

ICAO RASG-EUR Accident investigation and ECCAIRS user workshop

Neuilly (France) 8 – 10 April 2019

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

Jurgen WHYTE - Chief Inspector of Air Accidents, Ireland



Outline

- Background on ENCASIA
- Functioning of ENCASIA
- ENCASIA Work Programme with focus on:
 - EMSS
 - Peer Reviews
 - Safety Recommendations
- Evaluation of Regulation (EU) No 996/2010
- Next steps



ENCASIA's beginnings

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



Article 7 - European Network of Civil Aviation Safety Investigation Authorities

1. Member States shall ensure that their Safety Investigation Authorities establish between them a European Network of Civil Aviation Safety Investigation Authorities (the Network)...

19 January 2011: Election of Chairman/Deputy Chairman

Chairman: Mr Ulf Kramer (BFU, Germany)

Deputy Chairman: Mr Keith Conradi (AAIB, United Kingdom)





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



Aims and Objectives

Member States



Aims and Objectives





ENCASIA asbl

September 2012: Establishment of **ENCASIA asbl** to give ENCASIA a legal personality under Belgium Law

(asbl: "Association Sans But Lucratif" = **non-profit organization**)



EC Grant: €180,000



New Chairman and Deputy Chairman since February 2017

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

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

Elected for three years by ENCASIA Members



ENCASIA Website (hosted by EC)

About the ENCASIA network

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European Network of Civil Aviation Safety Investigation Authorities

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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



ENCASIA Work Programme 2019

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



ENCASIA Work Programme 2019

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Working Group 5: Peer Reviews

Working Group 6: Safety Recommendations

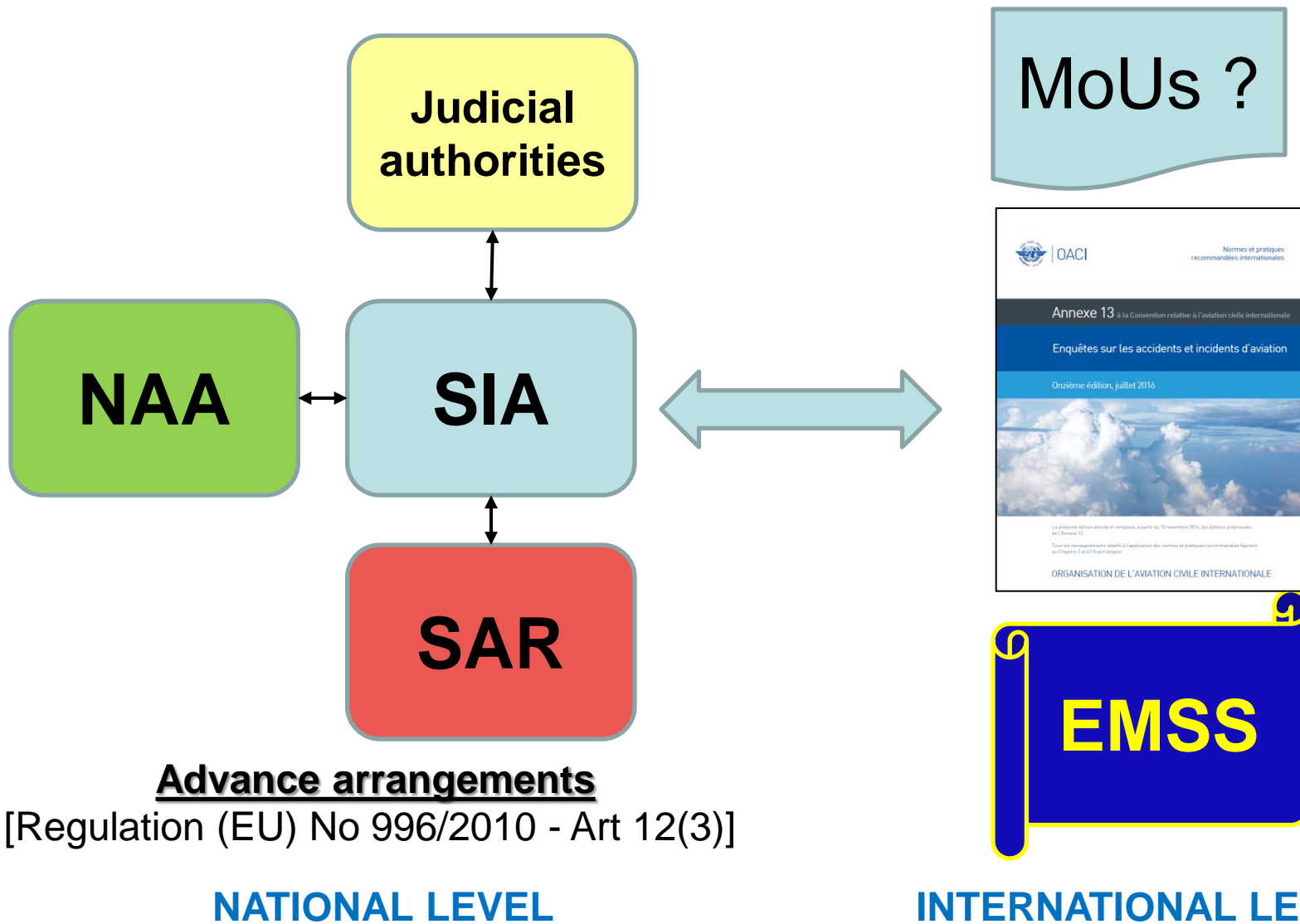


ENCASIA Mutual Support System (EMSS)

- 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



Prior Arrangements





Practicing the EMSS

- Desktop exercises in spring 2018 with 3 pairs of Host/Assisting States :
 - Iceland/UK
 - Lithuania/Germany
 - Slovenia/France
- Participation within each Host State of other state agencies and entities
- EMSS training 25-26 September 2018, Malta
- 37 participants from 23 SIAs



Related EMSS activities

- Generic “short procedures” developed by WG2 and tested during the exercises:
 - Briefing government officials
 - Managing media communications after the accident
 - Preparing a press release
 - Scoping the investigation
 - Guidance on producing safety recommendations
- Desktop exercises in spring 2019:
 - Latvia/France
 - Portugal/UK



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Peer Reviews 2014-2018

- A Peer Review is the assessment of a European Safety Investigation Authority (SIA) undertaken by persons of equal status and similar competence who are currently employed in a European SIA. It can be considered as a form of self-regulation by qualified members of a profession and is based on the concept that such individuals will be more readily able to identify 'good' and 'best' practice and highlight areas for potential improvement within the organisation's structure and operating practices.
- In essence, the Peer Review takes a holistic view in helping States to meet their obligations rather than ensuring that they strictly follow detailed process and procedures.

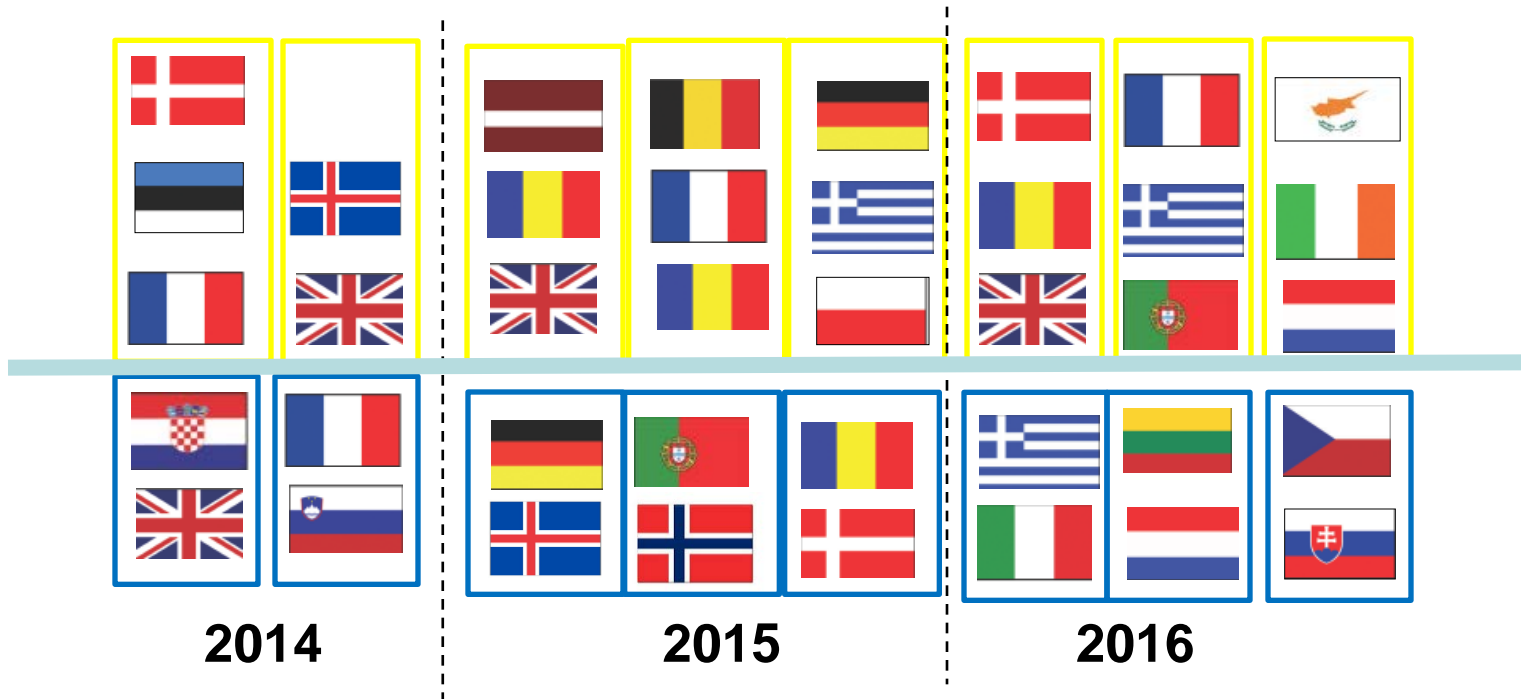


Peer Reviews 2014-2018

- 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 asked to be Peer Reviewed
- Process shared with the NIB (the European Network of Rail Investigation Boards)



OVERVIEW of Peer Reviewed States and Panels (2014 – 2016)

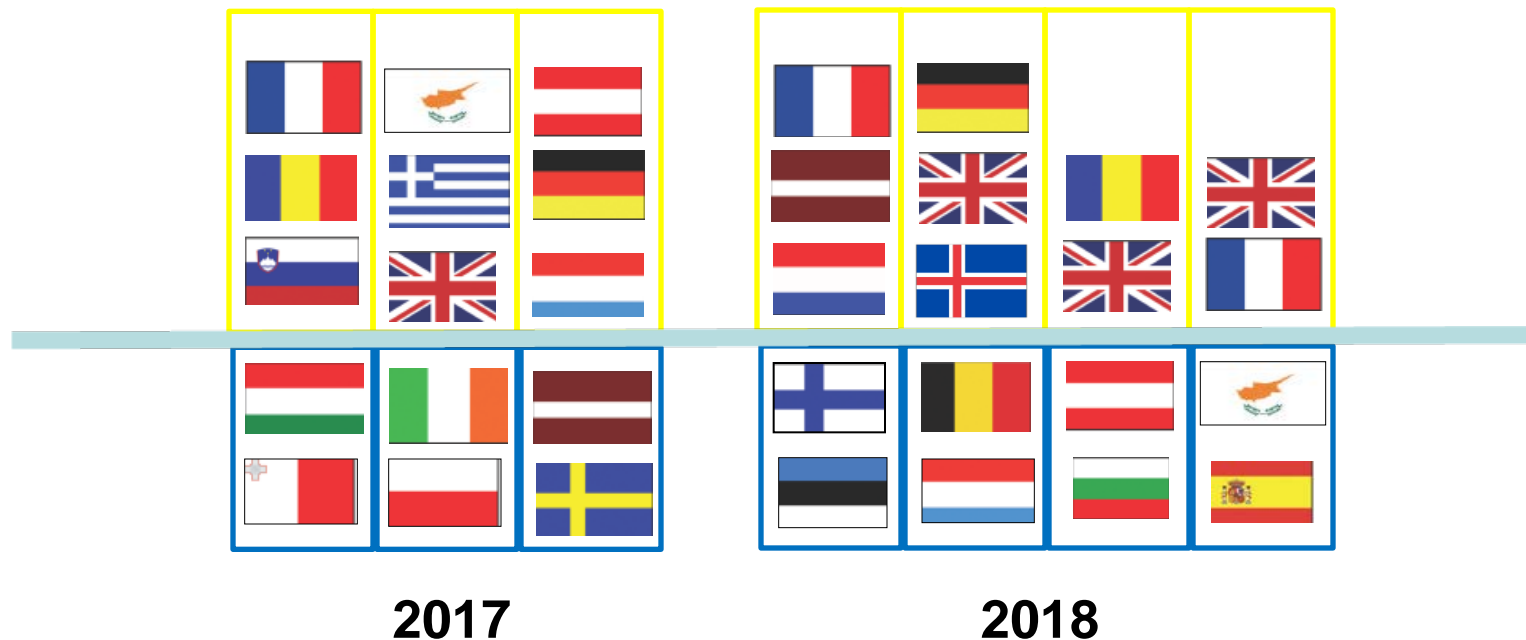


Panels

Reviewed States



OVERVIEW of Peer Reviewed States and Panels (2017 – 2018)



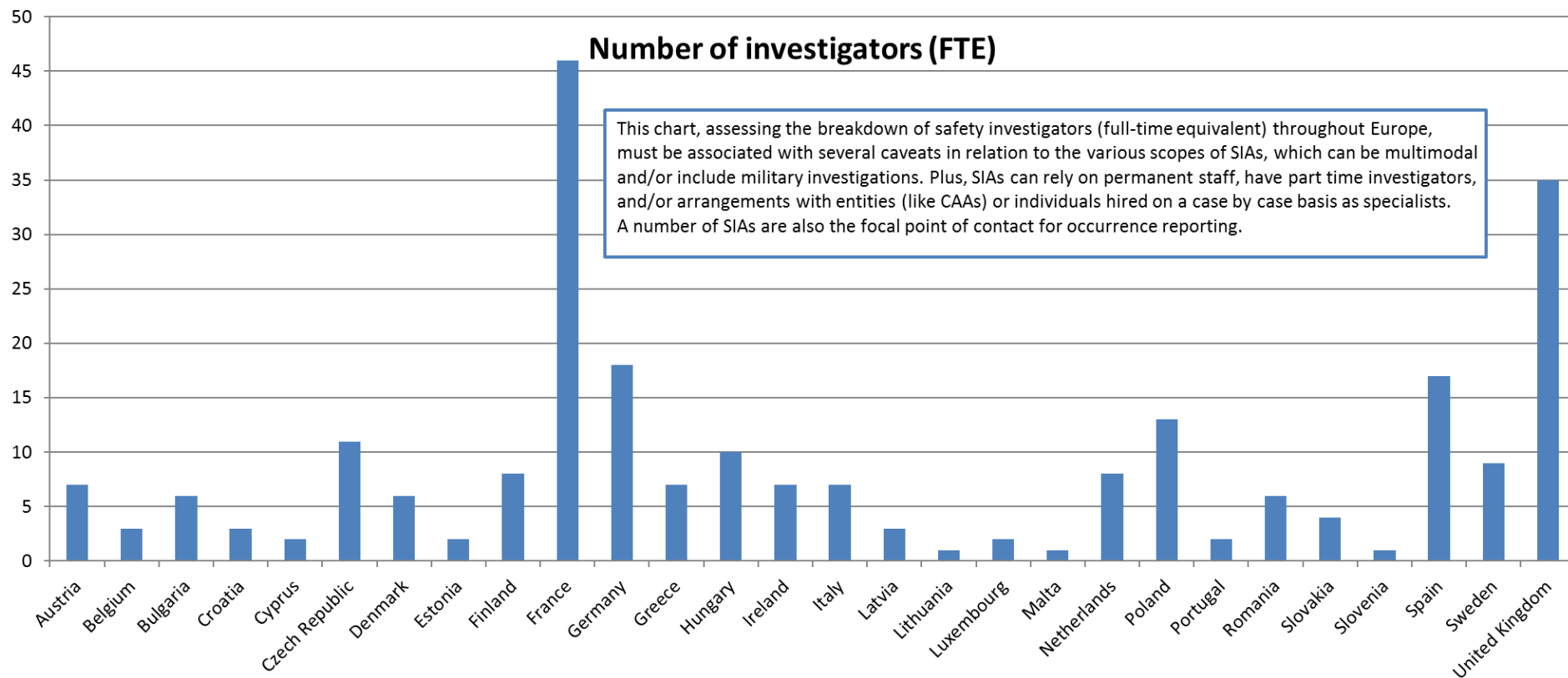
Panels

Reviewed States



Number of FTE in the 28 MS

- Total in 28 EU MS: **245 Safety Investigators**
- Iceland: 2
- Norway: 8





Aviation only or Multi-modal

- Peer Review Data shows 15 SIAs that are multimodal (including Norway and Iceland)
- There is 50/50 split between aviation only and multi-modal SIAs
- 23 SIAs investigate beyond 996 requirements ('former' Annex 2 and/or military/state aircraft)
- 7 SIAs limit their scope of investigation to Regulation (EU) No 996/2010 requirements

WG5 will further analyse the PR data collected during the 2014-2018 phase.



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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
 - https://ec.europa.eu/transport/modes/air/encasia/activities_en
- ENCASIA position paper to recommend to the commission to open Responses to public
 - Under legal review by European Commission
- ENCASIA/EASA safety recommendations workshop on 25-26 February 2019 in Cologne



SR Workshop in Cologne

- Organised by ENCASIA with the logistical support of EASA
- Limited to 50 participants (SIAs and CAAs)
- Chaired by Mr Philip Sleight (AAIB-UK)



> Better common understanding on drafting and following-up SRs



Evaluation of Regulation (EU) No 996/2010

- EU Commission initiative launched in 2016
 - ECORYS Study
 - Open public survey
- ECORYS report published
(<https://ec.europa.eu/transport/sites/transport/files/studies/2018-support-study-2010r0996.pdf>) :
 - No major change to regulation recommended
 - Recommendations for further guidance in some areas (National Emergency Plan, protection of sensitive information, Cybersecurity ...) and for more permanent ENCASIA financial resources



Commission Staff Working Document(s)

- A Commission Staff Working Document is expected in 2019
- It will follow the **2016** Commission Staff Working Document on the implementation of Regulation (EU) No 996/2010 on the investigation and prevention of accidents and incidents in civil aviation (ref: SWD(2016) 151 final)
- This document summarizes an examination of the Regulation pursuant to its Article 24
- It is available at:

https://ec.europa.eu/transport/sites/transport/files/modes/air/safety/accident_investigation/doc/swd%282016%29151-part-1-of-2.pdf



Next Steps

- 2019: Production of a report on the analysis of the 1st cycle of the Peer Reviews
- Organisation of an ad-hoc plenary session and workshop to discuss the next steps regarding Peer Reviews and the ENCASIA Mutual Support System (EMSS)
- Warsaw, Poland on 24-26 September 2019



More information on the ENCASIA Website (see Annual Reports)

ENCASIA activities

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European Network of Civil Aviation Safety Investigation Authorities



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 **WORK PROGRAMMES**

In close consultation with ENCASIA members the chairman draws up the annual work programme of the Network in accordance with the objectives of the Regulation. This section contains the current work programme as well as the previous ones.

 **2017 ENCASIA Work Programme**

Previous work programmes ▼

 **ANNUAL REPORTS**

The annual reports, published with the support of the Commission, cover the activities of the Network. This section contains the annual reports produced since the inception of ENCASIA on 19 January 2011.

 **ENCASIA 2017 Annual Report**

Previous annual reports ▼

Air

- ▶ 25 Years of EU Aviation
- ▶ Airports
- ▶ Aviation Safety Policy in Europe
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 - ▶ Member authorities
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 - ▶ High Level Groups

https://ec.europa.eu/transport/modes/air/encasia_en



THANK YOU FOR YOUR ATTENTION

Question?