



# MAWA Forum State of Play

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# Background MAWA Initiative

# The MAWA Roadmap Objectives - 2008

-  **Common regulatory framework**
-  **Common certification processes**
-  **Common approach to organisational approvals**
-  **Common certification/design codes**
-  **Common approach to preservation of airworthiness**
-  **Arrangements for mutual recognition**
-  **Formation of a European Military Joint Airworthiness Authorities Organisation**

# Airworthiness Regulatory Framework



EDA SB MoDs Nov 2008

Basic Framework Document

National Military Regulation

EMAR 21

European  
Airworthiness  
Certification  
Criteria

EMAR 145

EMAR M

EMAR 147

EMAR 66

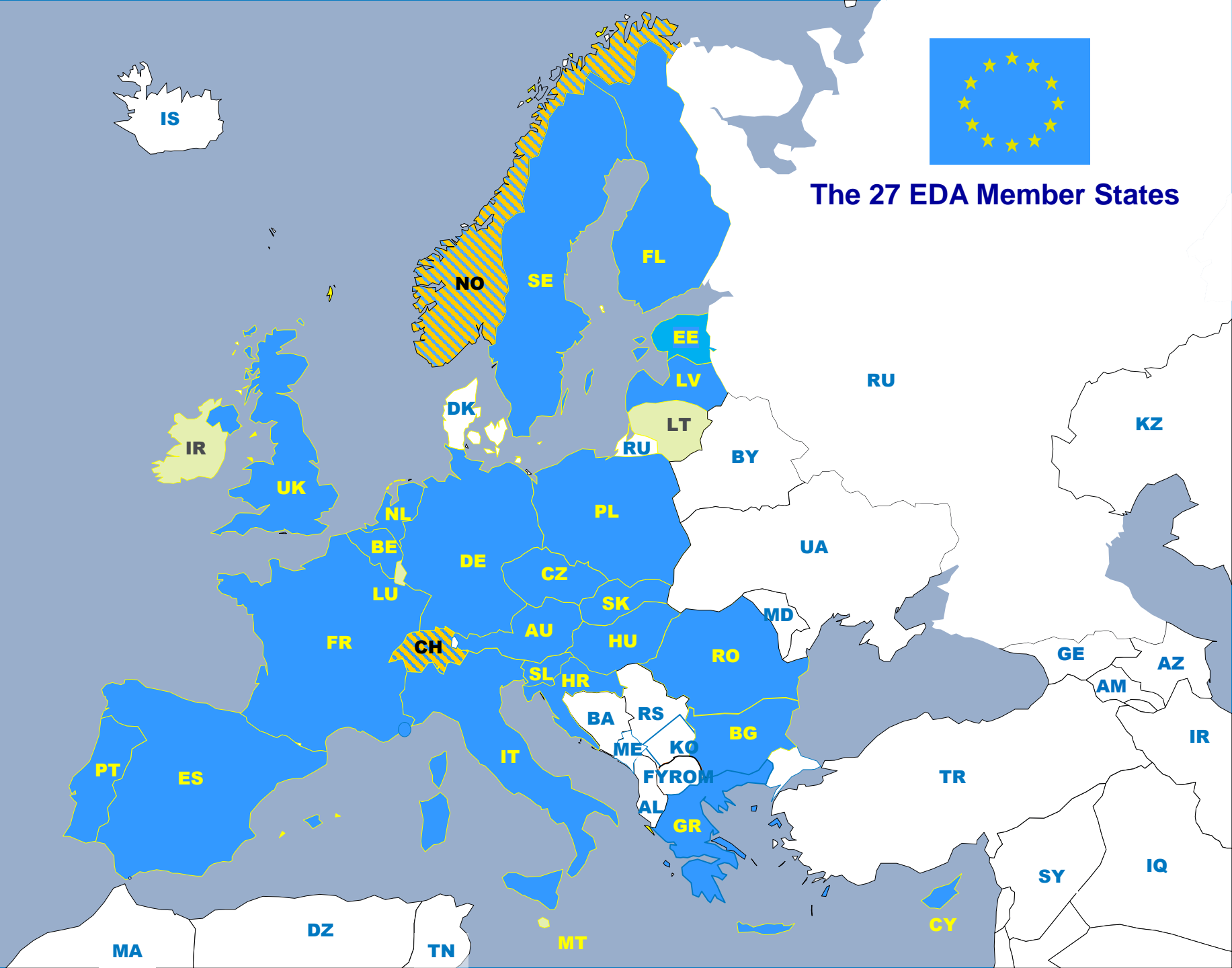




# Achievements and Status to date



## The 27 EDA Member States



# MAWA Documents updates 2016

- MAWA Document Production and Approval Process Edition 1.1
- EMAR 21 Edition incl. AMC and GM
- EMAD MFTP Edition 1.0
- EMAR 145 Edition 1.2 incl. AMC and GM
- EMAR M AMC and GM in progress
- EMAR Forms Edition 2.1
- EMACC update phase II - 2 out of 4 work packages will be delivered this year
- EMAD R Edition 2.0



# MAWA Execs agreed changes of 2015

- Revision of the Basic Framework Document
  - Edition 2.1 to include the maintenance of the EMAR regulatory framework
  - Edition 3.0 will be initiated in 2017 as a complete revision
- Transition from Task Forces to Advisory Groups
  - Airworthiness Regulatory Advisory Group – April 2017
  - Design and Production Advisory Group – January 2017
  - Maintenance and Licensing Advisory Group – June 2017
- Future MAWA Forum Objectives (current political mandate)
  - Implementation of the new configuration including interface mechanisms with NATO and EASA
  - Development and implementation of a multiyear EMAR-programme including the development of RPAS airworthiness requirements
  - A harmonized implementation of EMARs in national regulations
  - The establishment of a European Recognition Programme

# Envisioned Activities

- EMAR Regulatory Framework
  - Development of a regular update programme
  - RPAS airworthiness requirements
  - Review of EASA AMC 20
- Harmonised Implementation
  - Development of an Implementation Status Overview
  - Training on EMARs
  - Workshops on implementation topics/issues
  - EDA to facilitate/support pMS with collaborative projects
- Recognition
  - Development and maintenance of overview of planned and existing recognitions
  - Workshops on recognition topics such as cooperative oversight mechanisms

# Interaction with Global Stakeholders

- Opportunities for improved cooperation with non-EDA nations that operate same platforms
- Promotion of EMARs as first step
- Pro-active engagement with global stakeholders
- Need for a coordination mechanisms with stakeholders at a global level
- Proposal for this interaction will be further developed



# Future Outlook

# EU Global Strategy

- Deeper defence cooperation
- Aim
  - Increased output of defence spending
  - Optimised use of national resources
- Member States sovereign in defence matters
- Cooperation systematically encouraged
- Strengthened partnership with NATO
  - Coordinated defence capability development
  - Mutually reinforcing actions to build the capabilities of partners

## Key enabler: standardisation

# Opportunities for the MAWA Initiative

- Alignment of EMARs with civil EASA regulations
- Ensure a harmonised EMAR implementation
  - uniform processes, procedures and judgement criteria
    - certification in multinational programmes
    - organisational approvals
    - maintenance licensing
- Enabling deeper cooperation in Oversight
  - legal constraints
  - harmonise oversight processes and procedures
  - development of principles for collaborative oversight





**Thank you for your attention!**