



EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# The multiple facets of runway safety:

# Aerodrome Certification

ICAO GRSS  
Montreal, 26 May 2011

Your safety is our mission.



# Aerodrome Certification

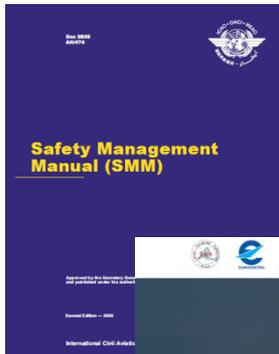
## How to best ensure future runway safety:

### Aspects of regulations and oversight

➤ Assist Member States in meeting ICAO commitments:

➤ Common binding requirements for certification, SMS a.o.

➤ Holistic approach across pertinent domains; covering ANSP and OPS aspects, fostering LRST etc.





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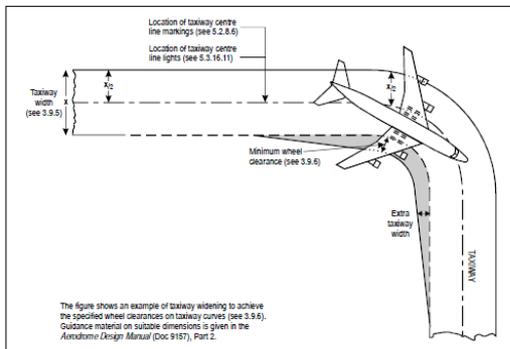
## How to best ensure future runway safety: Aspects of regulations and oversight (2)

### ➤ Harmonisation

➤ Install and maintain a common high level of safety

➤ Maintain room for different, individual technical solutions leading to equivalent level of safety

- Example: A380, FLA: AN14 vs. AACG





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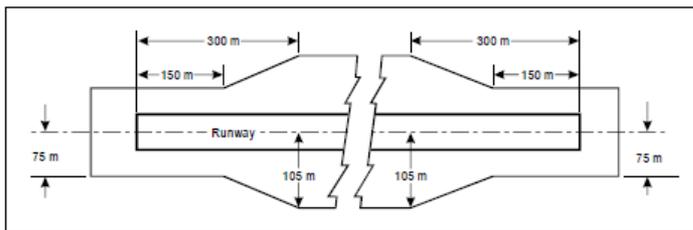
## How to best ensure future runway safety:

### Aspects of regulations and oversight (3)

#### ➤ Continuity:

#### ➤ Base on ICAO SARPS

#### ➤ Maintain existing and proven individual technical concepts and solutions



Example RESA: Fix figures vs. options of arresting systems; others



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## **How to best ensure future runway safety:**

### **Aspects of regulations and oversight (4)**

- ▶ Individuality and proportionality:
  - ▶ Local solutions to local problems
  - ▶ Mindful of regional and operational differences
  - ▶ Respond to new technologies and allow for their swift integration





# Therefore: The EU Way Forward

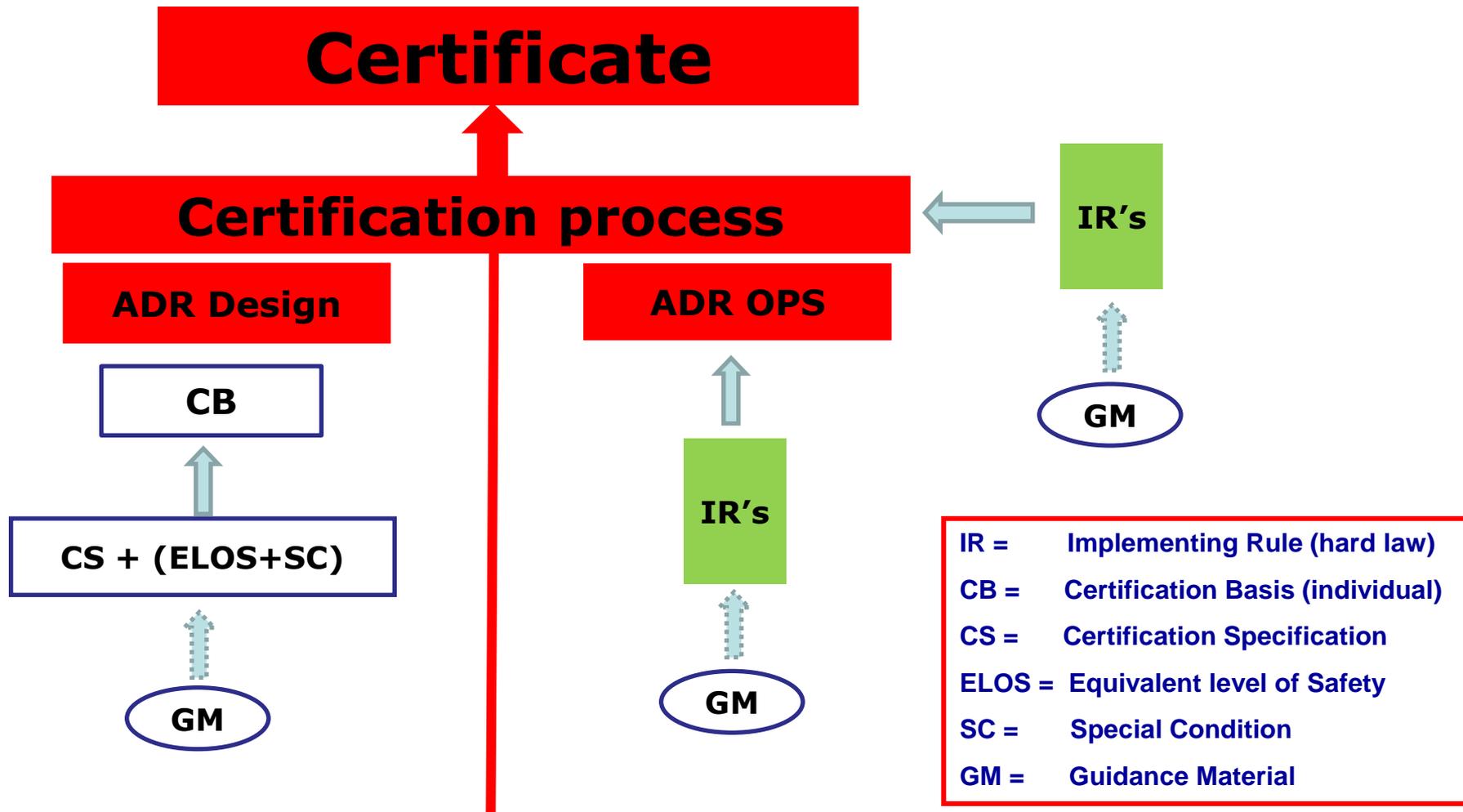
## **Subsidiarity and proportionality:**

- Certification to be performed by local authority
- Hard binding EU level law for aerodrome OPS, as OPS are more open to adjustment
- Room for more discretion and individual approach towards aerodrome Design
- Supports the intent of PANS-Aerodrome



# Therefore: The EU Way Forward (2)

**To visualize:**





## Conclusions:

- ▶ Best practice to implement pro-active, multidimensional and performance based approach
- ▶ Enables full scale harmonisation, yet allows for specific and individual solutions



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# Thank you!

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Your safety is our mission.  
**[easa.europa.eu](http://easa.europa.eu)**