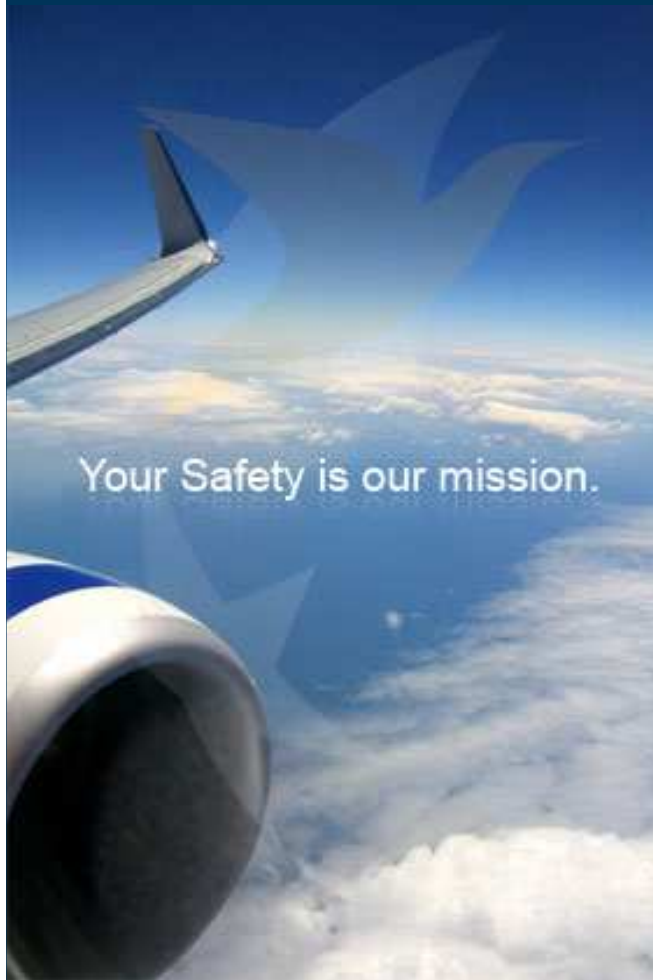




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# **Runway Friction Workshop**

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## **Airport Rulemaking Initiatives**

*Velis Eleftheriou – Airports Rulemaking*

*11-12 March 2010, Paris*

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# **Today**

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- **EU airports are safe – always room for improvement**
  - **ICAO Framework & Documentation available (Annex 14, its Manuals, other relevant SARPS)**
  - **Transposition of ICAO airport rules into binding legislation differs in EU Member States**
-



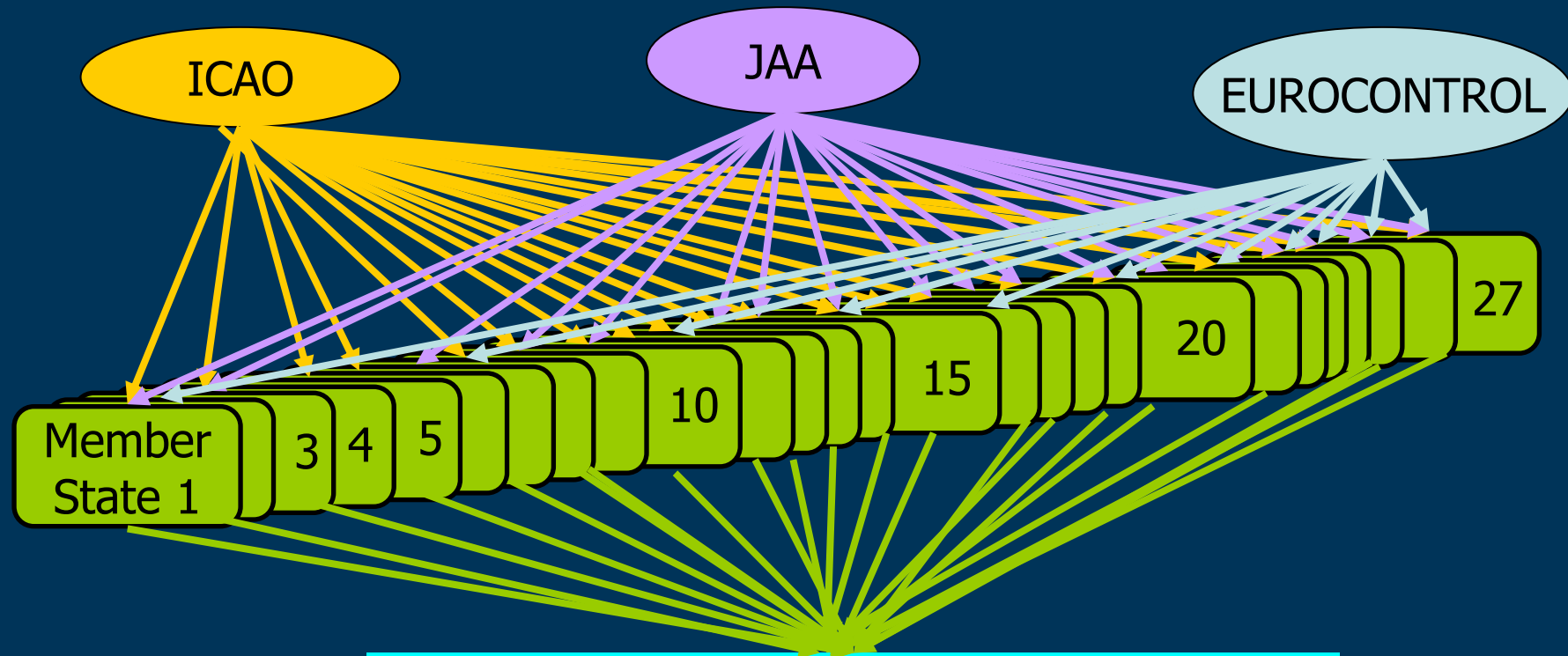
# **Today**

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- **Different concepts for transposing ICAO Annex 14 into national regulations**
  - **Transpositions processes can be very slow due to national legal procedures ...**
  - **... when Rulemaking is a task for Member States**
-



# The past



**27 different legal procedures for  
transposition**



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# **Unique opportunity in EU**

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- **Harmonisation of requirements for CAAs**
  - **Updated and adequate regulatory framework**
  - **Guidelines and measures for handling of deviations**
  - **Training for oversight activities and treatment of deviations**
-



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# **Basic Regulation covers**

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- ✧ **Design, maintenance, operation of aerodromes**
  - ✧ **Personnel and organisations involved therein**
  - ✧ **Safeguarding of aerodrome surroundings**
  - ✧ **Design, production and maintenance of aerodrome equipment (plus personnel & organisations involved therein)**
-



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# **Basic Regulation applies**

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- **To “public” aerodromes with commercial traffic & instrument approach and / or departure procedures**
  - **With 1 paved runway over 800m long**
  - or**
  - **exclusively serving helicopters**
-



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# Implementing Rules

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- Transpose **ICAO Annex 14**
  - Reflect **state of the art** and **best practices**
  - Are **proportionate** to size, traffic, category and complexity of aerodrome and nature & volumes of operations
  - Take into account **scientific** & **technical** progress
  - Allow **for immediate reaction** to established causes of accidents and serious incidents
  - Provide **flexibility for customized compliance**
-





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# Rulemaking Principles

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- Rules based on **total system approach**
    - ✧ horizontal rule structure
  - Clear balance between “**hard law**” & “**soft law**”
    - ✧ majority of ICAO Annex 14 into “soft law” (CS)
  - Build on existing rules and expertise
    - ✧ **ICAO** compliance is a must
  - **No** recommendations
  - Certification responsibility remains **with** CAA
-



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# Rulemaking Priorities

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## FIRST SET:

- Requirements for CAAs & Airport Operators
- Requirements for aerodrome operations (**including in winter and on contaminated RWYs**)
- Requirements for aerodrome design (technical design standards)

## LATER:

- Requirements for (specific) aerodrome equipment
  - Requirements for heliports
-



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# Rulemaking Planning

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- Launch of formal RM processes within Q2 / 2010
    - ★ **Extensive Consultation (e.g. CAAs, airports, GASR)**
  - Q2 / 2010 – Q3 / 2011 estimated 8 meetings
  - Notice of Proposed Amendment (NPA) in Q4/ 2011
-



# **Current Status**

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- **EASA Study concluded**
- **FAA TALPA ARC**
- **ICAO FTF Draft Material**

- 
- **Is it the right moment to launch an EASA Rulemaking action??**
-



# Currently

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- **ICAO Annex 14 SARP 2.9.5 mixes**
    - ★ **Runway operations**
    - ★ **Runway maintenance**
  - **Friction measuring devices (present state of the art) – when used stand alone – are not sufficient for operational purposes**
-



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# Future

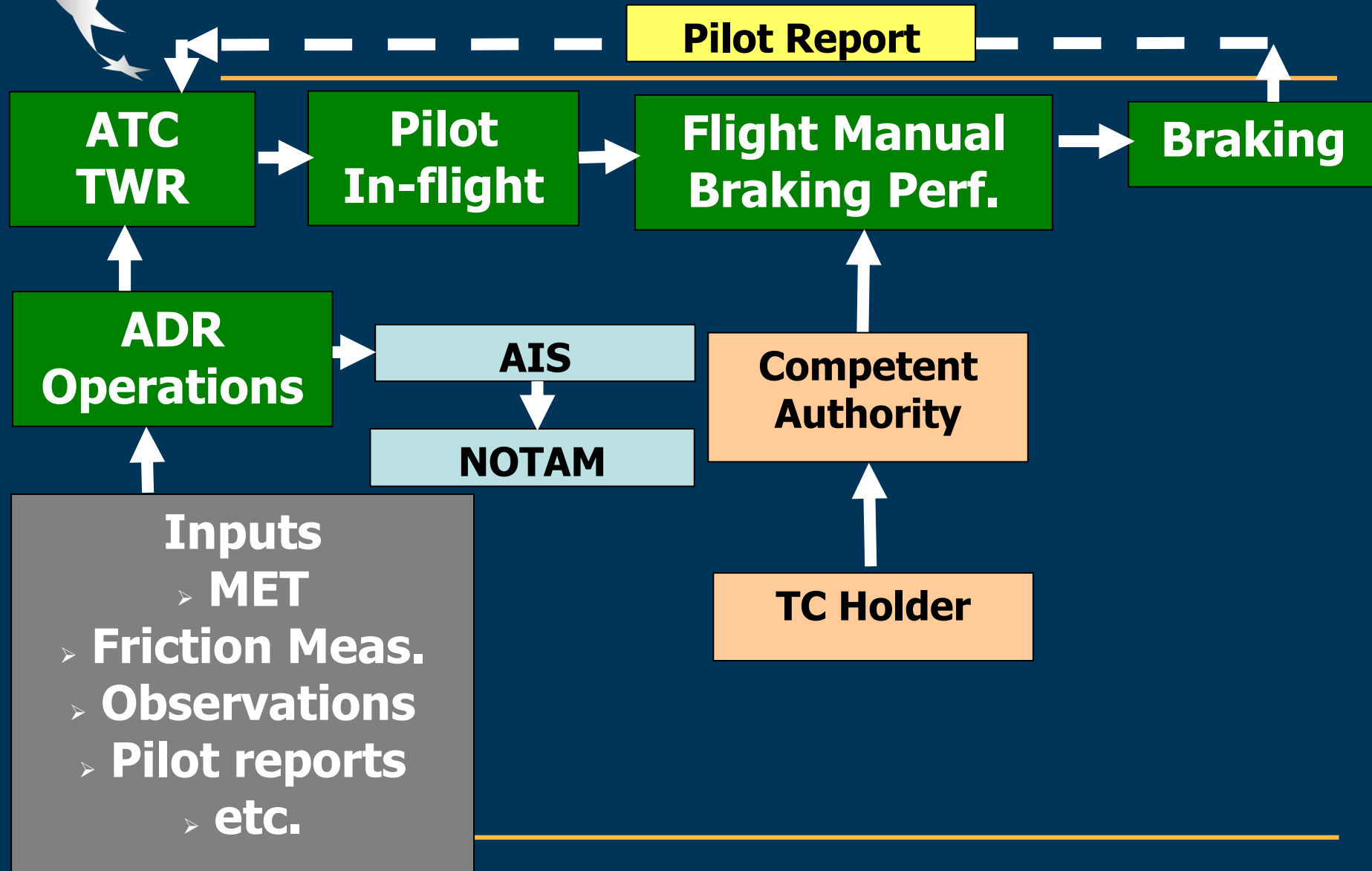
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- **Need for common semantics when reporting (and interpreting) RWY conditions**
    - ★ **Pilots**
    - ★ **Airport Ops**
    - ★ **Aircraft designers (AFM)**
-



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# Future





# Future

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- **Pilot reports via Datalink**
    - ★ **VDL Mode 2 in SES Rules**
  - **EASA Rules – if necessary – could be considered after industry develops concept (e.g. SESAR JU)**
-





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# Future

	<b>ICAO</b>	<b>EASA</b>
<b>MAR 2010</b>	<b>AP/WG-WHL/6 Revise Circular &amp; endorse Annex 14 Amendment</b>	<b>ToRs for first set of ADR rules</b>
<b>OCT 2010</b>	<b>AP/2 recommends to ANC to amend Annex 14</b>	
<b>NOV 2010</b>	<b>ICAO publishes Circular on RWY Friction</b>	
<b>Q2 2011</b>	<b>State Letter for consultation</b>	<b>MDM task possible</b>
<b>MAR 2012</b>	<b>Annex 14 Amendment adoption by Council</b>	
<b>NOV 2012</b>	<b>Applicability</b>	<b>Adoption of first set of ADR rules</b>



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**QUESTIONS ?**

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