



UK State Safety Programme

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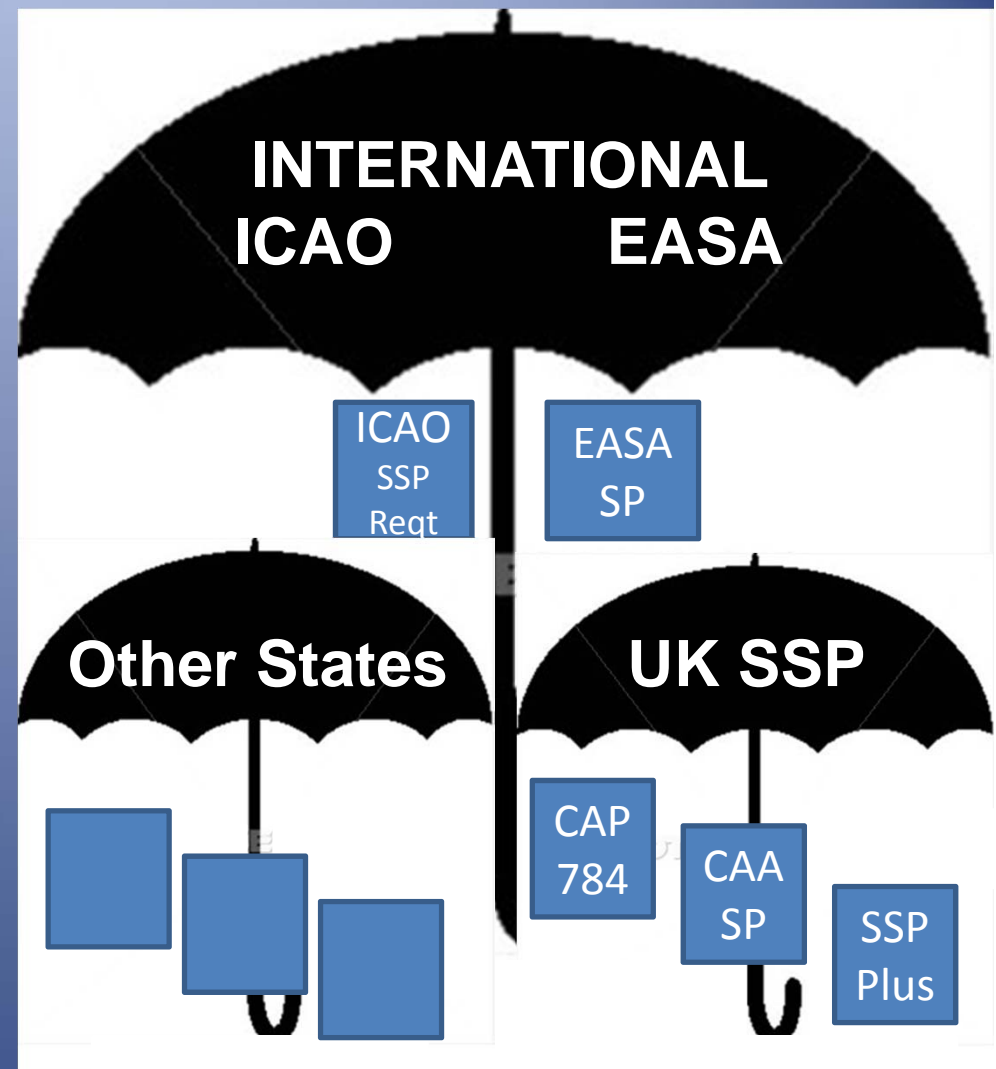
UK CAA



How Many Safety Plans?

How do all the Safety Plans fit together?

- International direction for UK context
- Co-ordinated with / participating in international safety actions



Implementation of EASp in UK

- Alignment with EASp actions stated in UK CAA Safety Plan and EASp Focal Point nominated
- UK CAA Safety Plan actions to mitigate high level issues identified for continuous improvement
- Participate in EASp activity
- Implement EASp solutions in UK

Implementation of EASp in UK

UK CAA Safety Plan Framework

EASp Framework

SAFETY PLAN FRAMEWORK		
SYSTEMIC ISSUES	OPERATIONAL ISSUES	EMERGING ISSUES
Working with States to implement and develop SSPs Working with States to foster the implementation of SMS in the industry Safety Management enablers Complexity of the system	COMMERCIAL AIR TRANSPORT BY AEROPLANES Runway Excursions Mid-air collisions Controlled Flight Into Terrain Loss of Control In Flight Ground Collisions OTHER TYPES OF OPERATION Helicopters General Aviation	New products, systems, technologies and operations Environmental factors Regulatory considerations Next Generation of Aviation Professionals
HUMAN FACTORS AND PERFORMANCE		

'Significant Seven' Safety Issues (in priority order)

1. Loss of Control
2. Runway Excursion
3. Controlled Flight into Terrain
4. Runway Incursion
5. Airborne Conflict
6. Ground Handling
7. Airborne and Post-Crash Fire

Key Capabilities Required for the Total Aviation System

- Integrated Safety Risk Management Process
- Continuing Airworthiness
- SMS
- Just Culture
- Human Factors
- Performance-Based Oversight
- Fatigue Risk Management Systems
- Total System Threats

Plus...

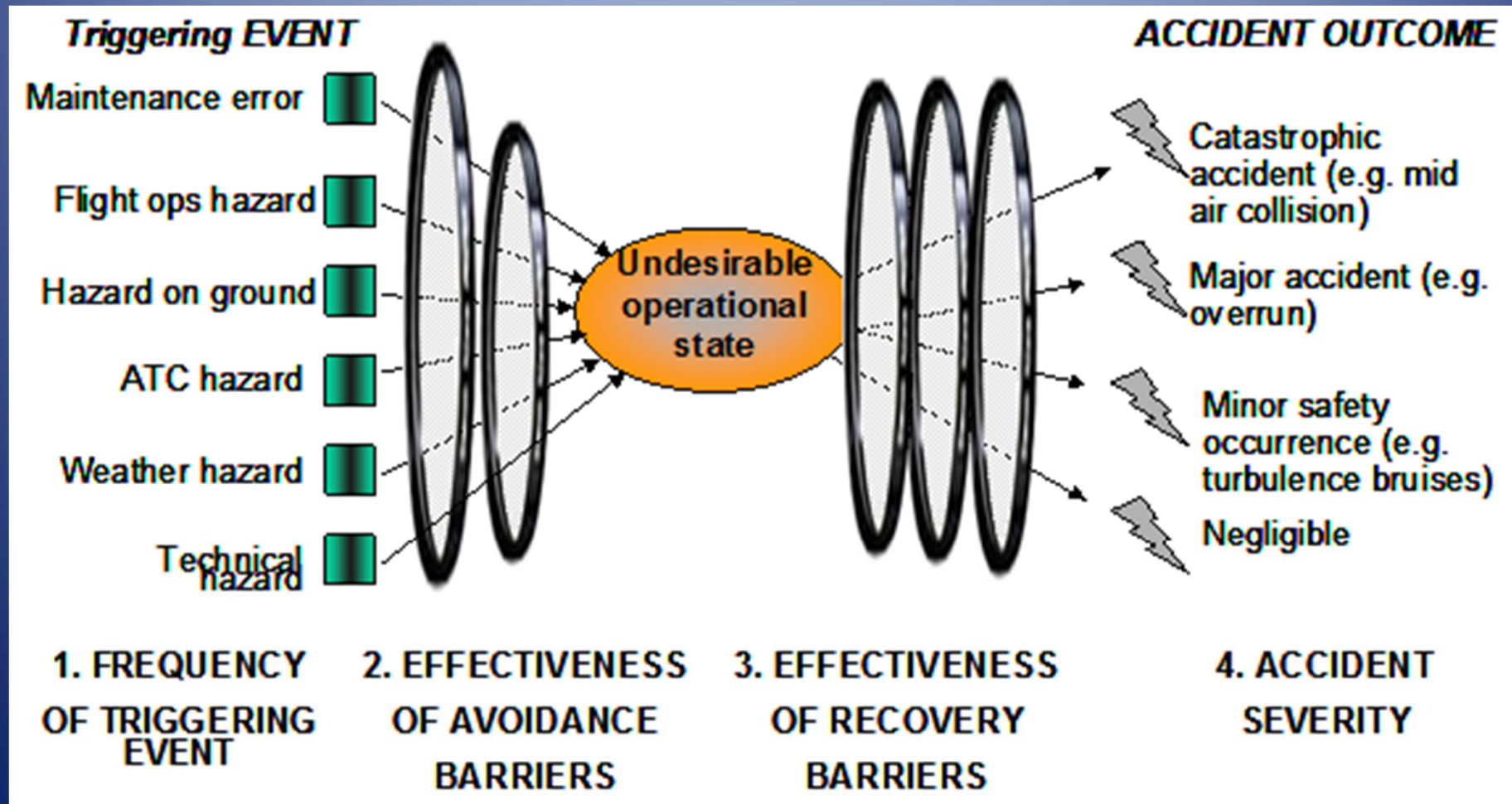
- Business Aviation
- Helicopters
- General Aviation

Implementation of EASp in UK

Particular benefit in implementing actions with a Europe-wide scope

- Co-ordination of safety analysis at European level through European Network of Analysts
- Development of a common methodology for measuring safety performance
- Development of common framework for risk classification of safety events across whole aviation system

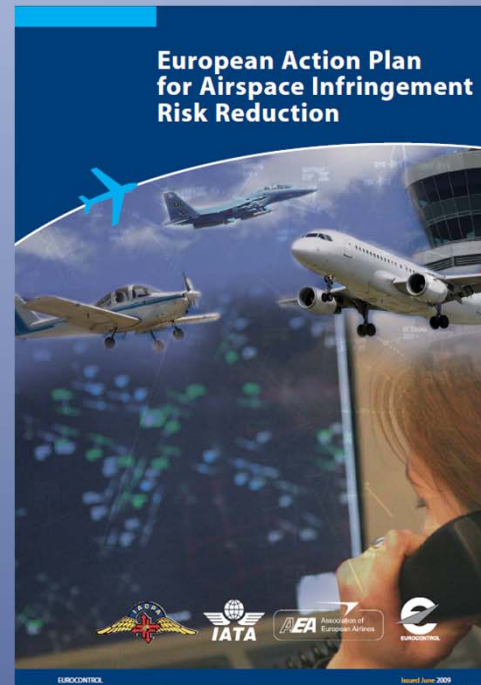
Common Risk Classification



Implementation of EASp in UK

Particular benefit in implementing actions with a Europe-wide scope

- Implementation of actions from European Action Plan for the Prevention of Runway Incursions (EAPPRI) version 2
- Implementation of actions from European Action Plan for Airspace Infringement Risk Reduction



European Action Plan for the Prevention of Runway Incursions

Edition 2.0

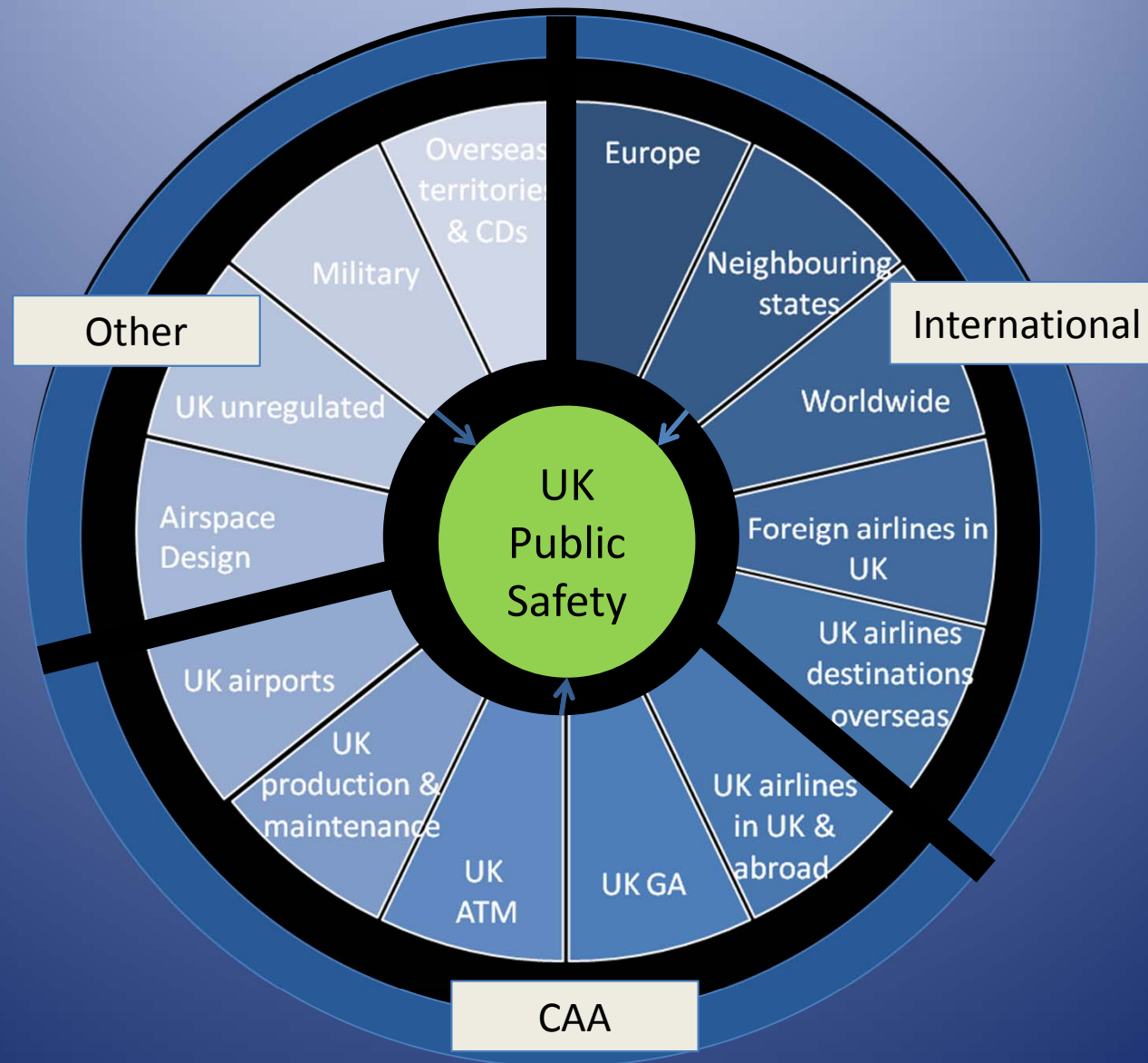


Implementation of EASp in UK

Benefit of common formats

- Citizen safety depends on each other
- Standardised formats assist safety
- Implementation of EASp actions in the UK helps to deliver citizen safety in UK airspace and where UK aircraft operate worldwide

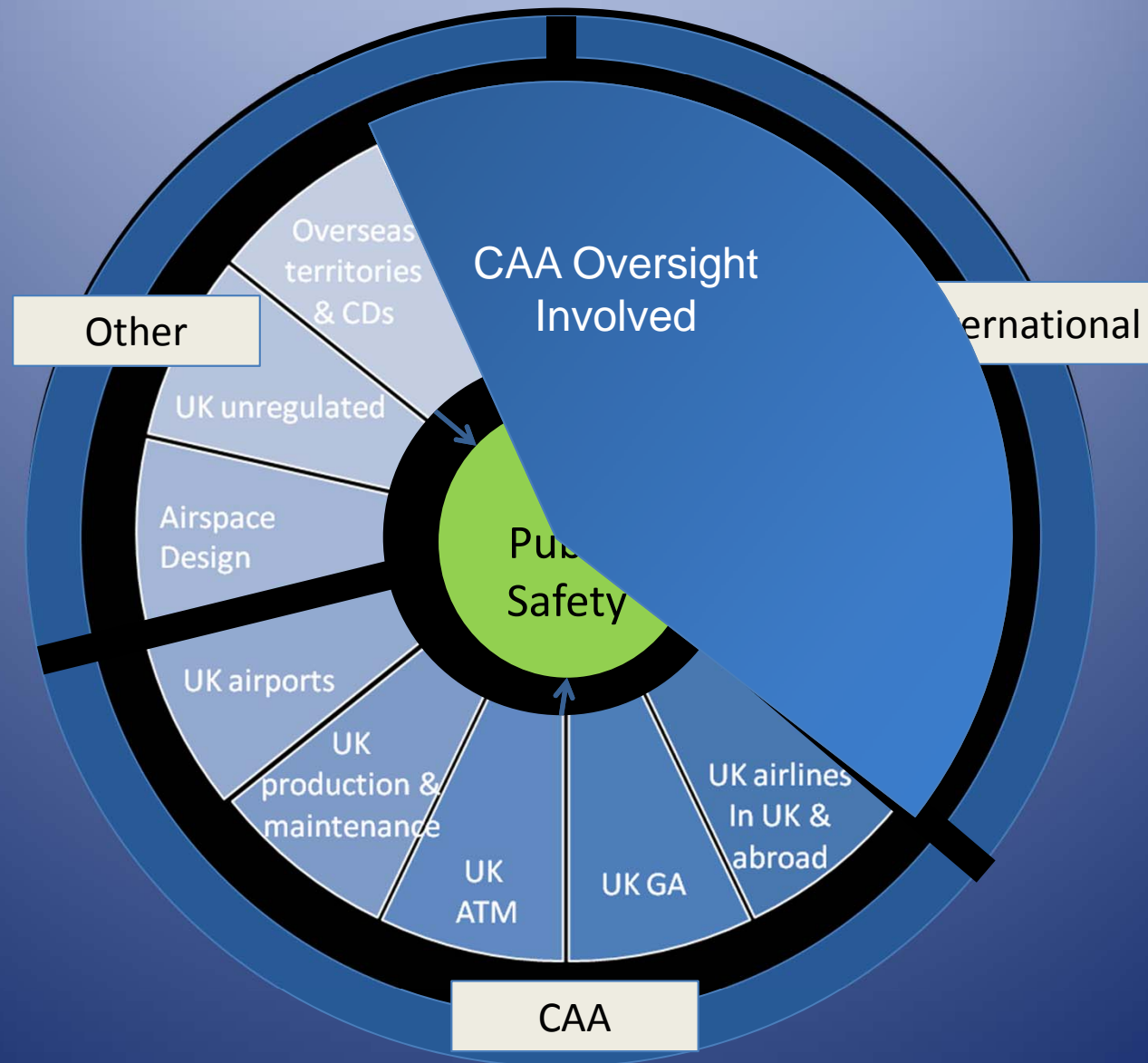
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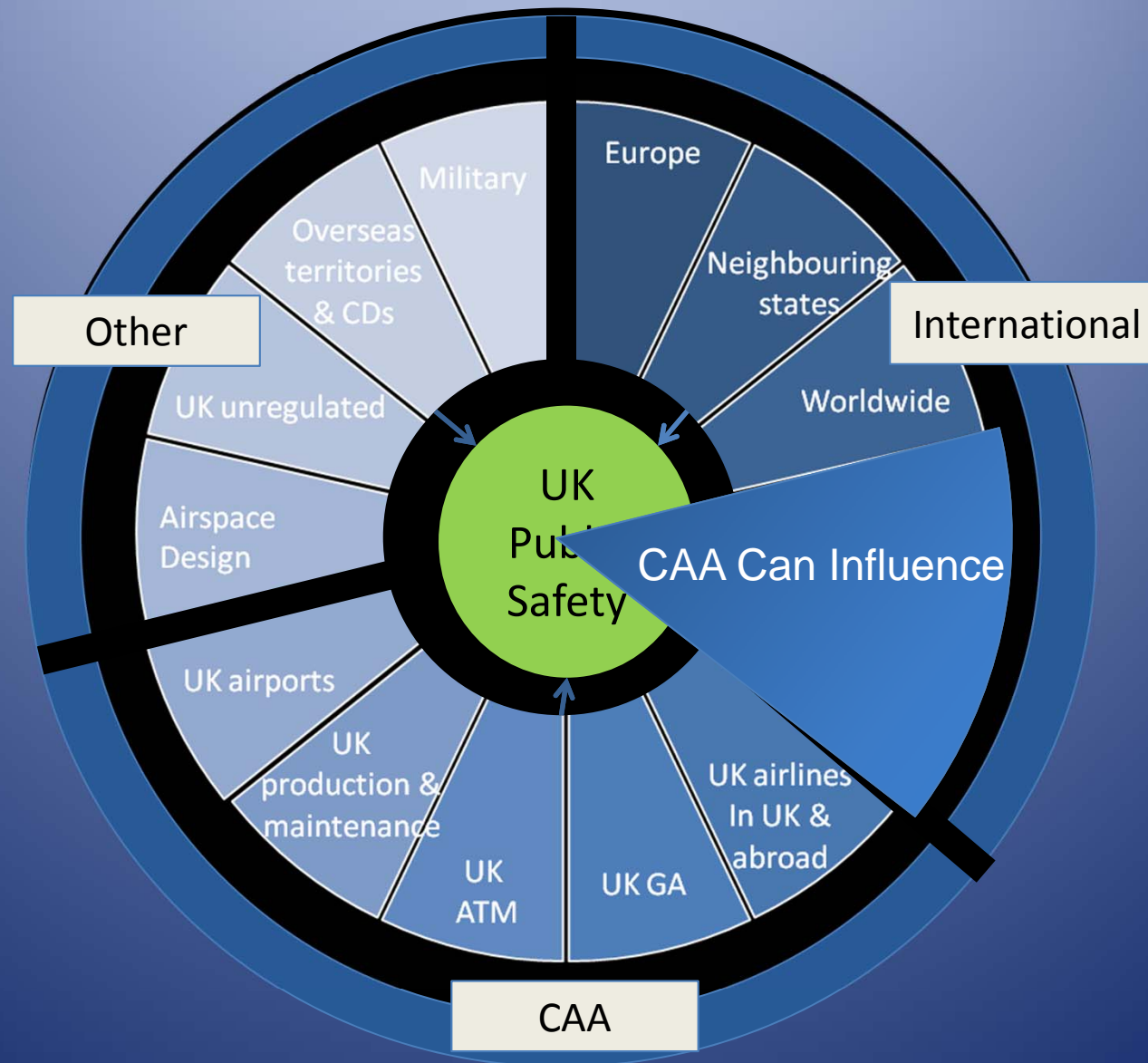
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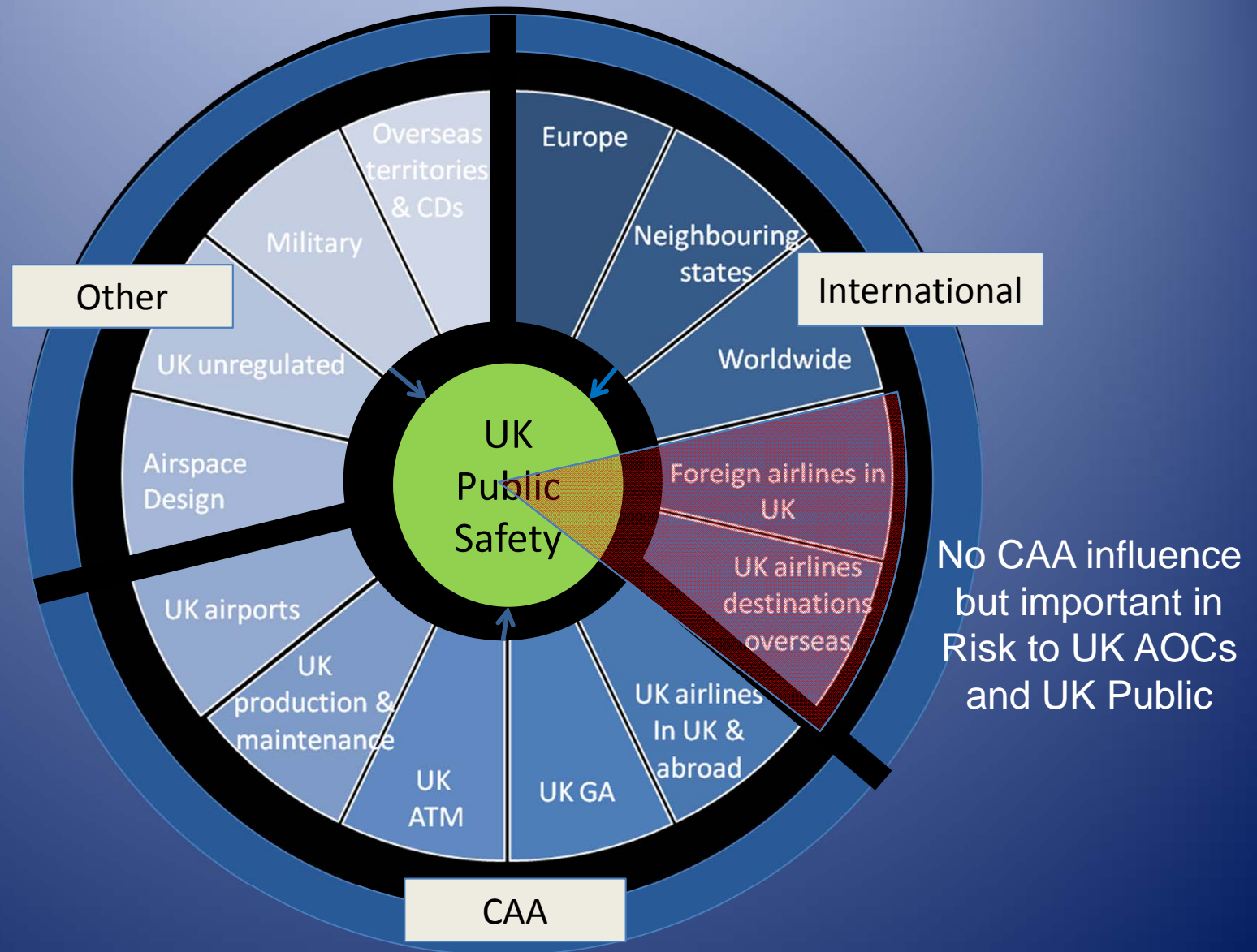
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The Future

- Fully supportive of Commission Communication and ambition for EU to be the safest region for aviation
- Will continue to assist EASA to develop future safety plans to help fulfil this ambition
- Essential given future regulatory challenges (e.g. integration of UAS)
- Looking forward to the challenges



**Thank you for your
Attention
Any Questions?**