



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

European Aviation Safety Programme and Plan.

4th EASA Certification Workshop
Cologne, 30 Jan 2014

John Vincent
Deputy Director for Strategic Safety, EASA

Your safety is our mission.

European Aviation Safety Strategy:

- Policies and objectives from political authorities

EC



European Aviation Safety Programme (EASP):

- Integrated set of regulations and activities aimed at improving safety

EC



European Aviation Safety plan (EASp):

- High level safety issues assessment and related action plan

EASA



Safety Management

Elements in place

Summary



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Safety Management

Your safety is our mission.



ICAO SSP FRAMEWORK

1. State safety policy and objectives

1.1 State safety legislative framework

1.2 State safety responsibilities & accountabilities

1.3 Accident and incident investigation

1.4 Enforcement policy

2. State safety risk management

2.1 Safety requirements for service providers SMS

2.2 Agreement on service providers safety performance

3. State safety assurance

3.1 Safety oversight

3.2 Safety data collection, analysis and exchange

EU holds the competency to establish safety requirements for Service Providers' SMS -

4. Regulation EC n° 216/2008:

- First requirements → Air Crew and Air Operations (established in 2012)

4.2 External training, communication and dissemination of safety information



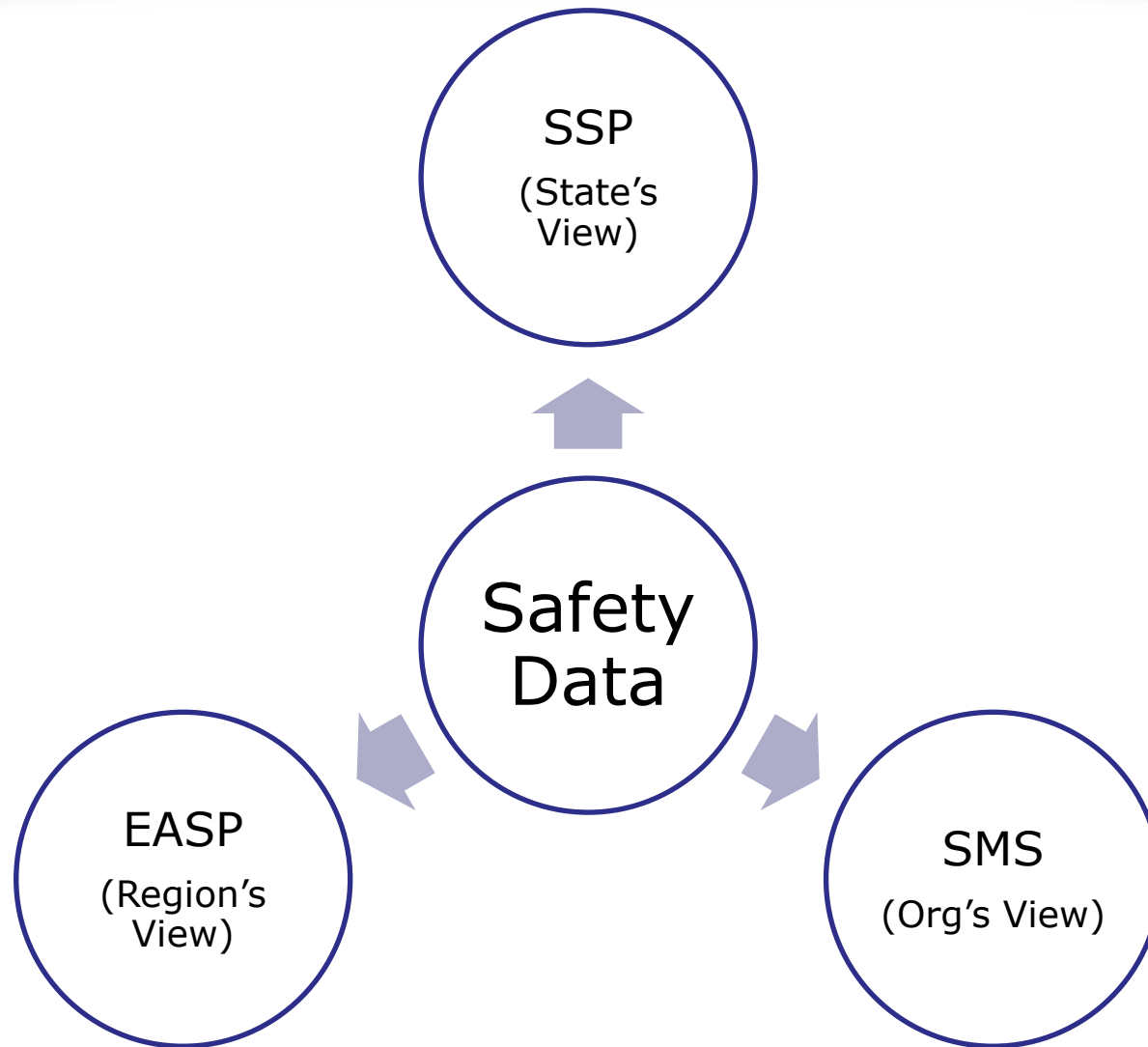
The EU/EASA System



MS and
EASA/EU need
to work
together to
enact an SSP



Big Picture - European Level





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Elements in place

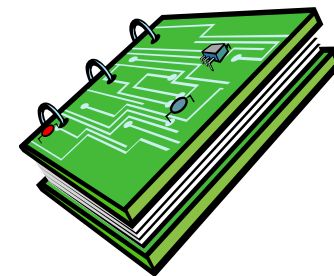
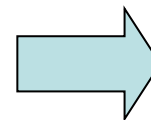
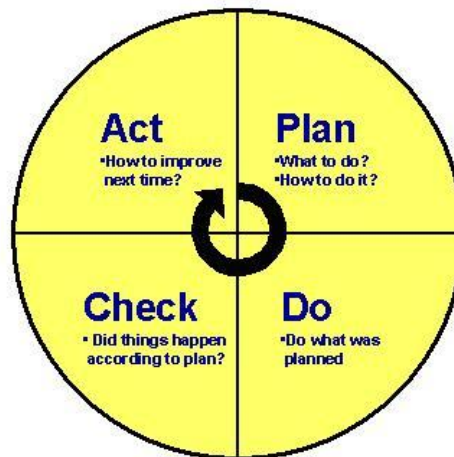
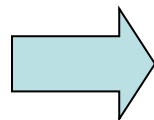
Your safety is our mission.



Overall approach

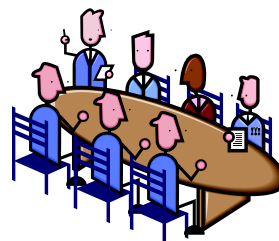


Strategy

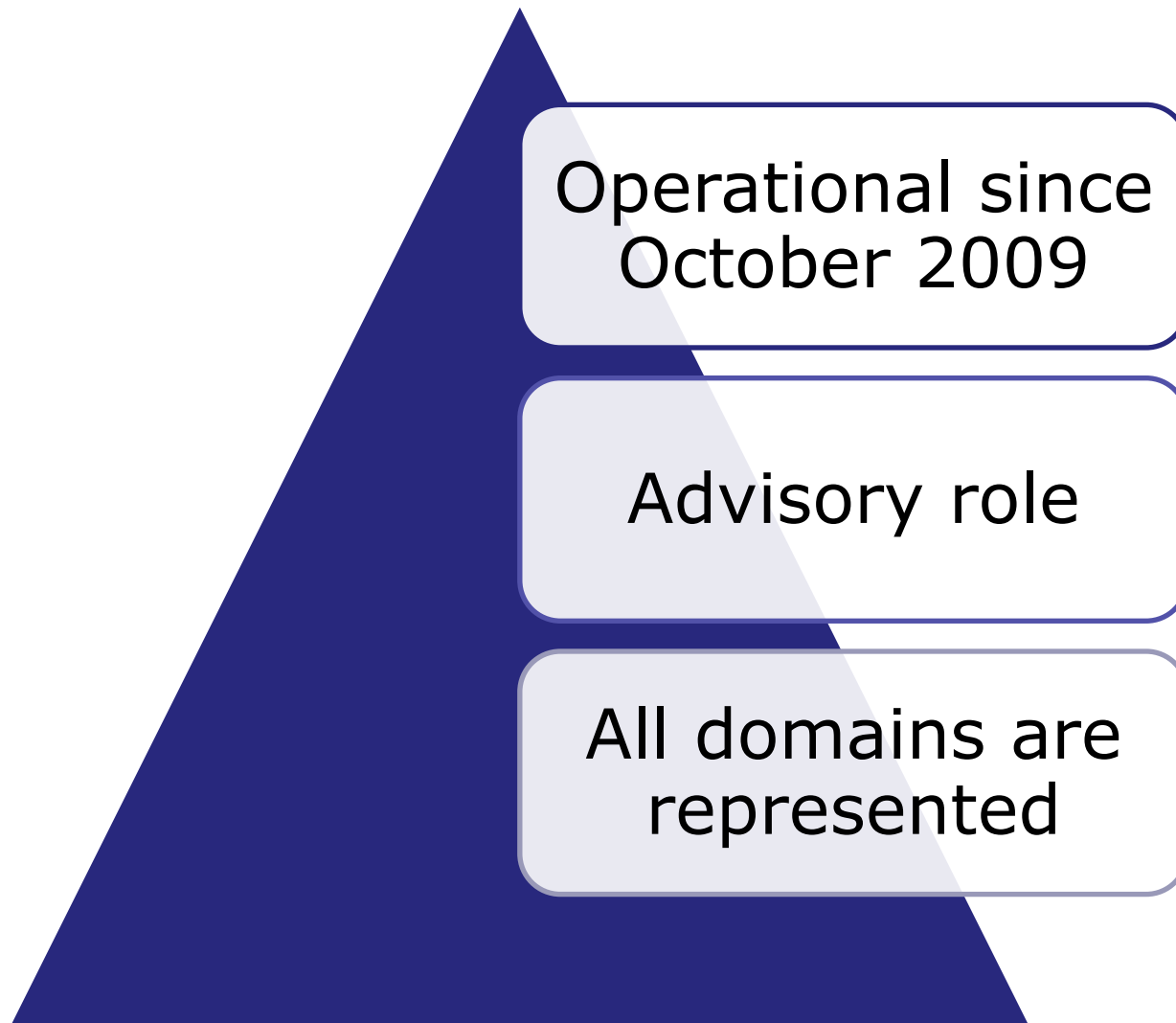


Plan

Programme

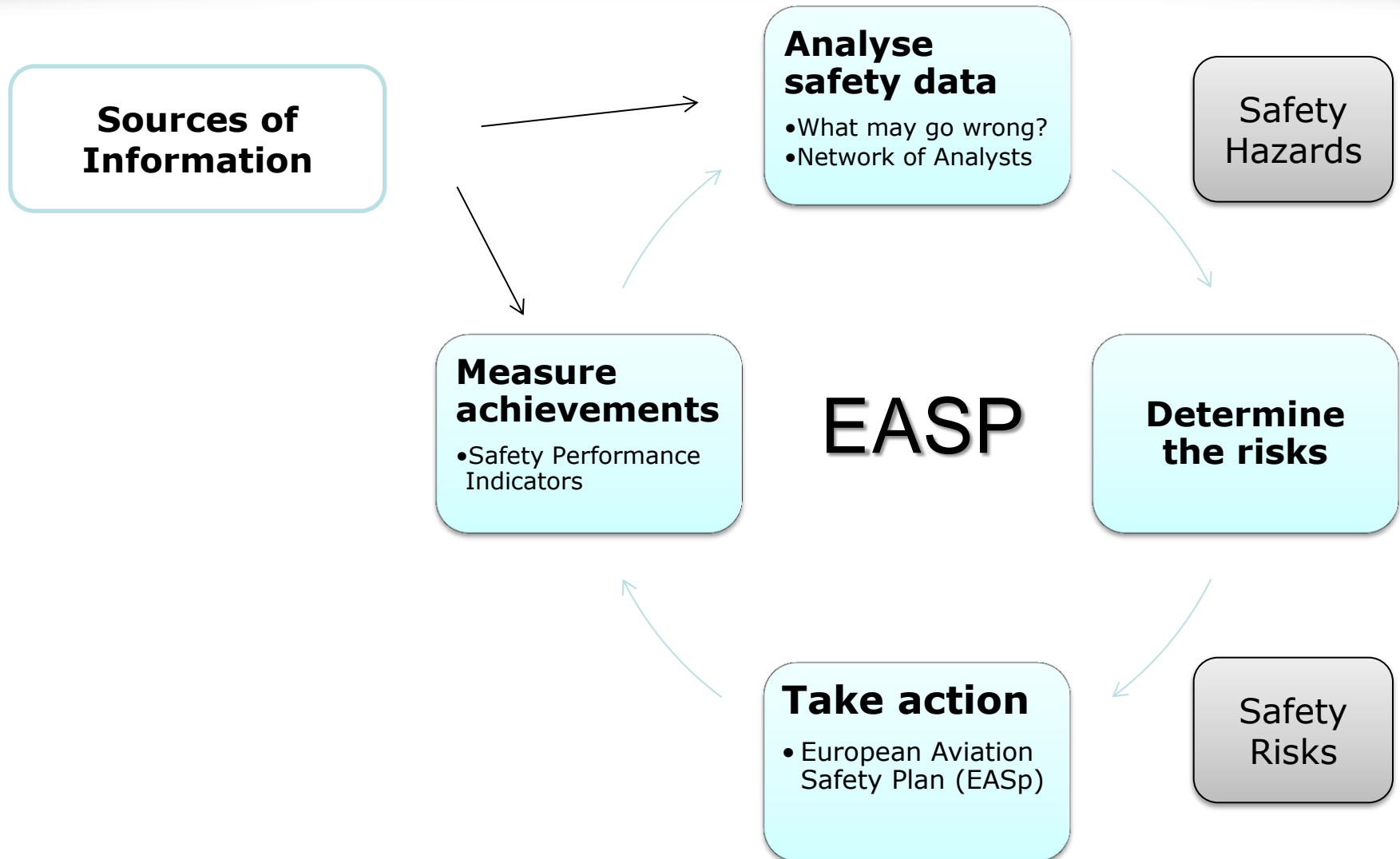


European Aviation
Safety Advisory
Committee





Risk Management at EU level





EUROPEAN COMMISSION

Brussels, 25.10.2011
COM(2011) 670 final

COMMUNICATION FROM THE COMMISSION TO THE COUNCIL AND THE
EUROPEAN PARLIAMENT

Setting up an Aviation Safety Management System for Europe

(Text with EEA relevance)

{SEC(2011) 1261 final}

policies and objectives

Objectives

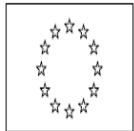
How to achieve
them

Obstacles

Solutions



Programme (EASP)



EUROPEAN COMMISSION

Brussels, 25.10.2011
SEC(2011) 1261 final

COMMISSION STAFF WORKING PAPER

The European Aviation Safety Programme

{COM(2011) 670 final}

regulations and activities

Safety Policies and Objectives

Safety Risk Management

Safety Assurance

Safety Promotion



Plan (EASp)



Safety Risk Portfolio

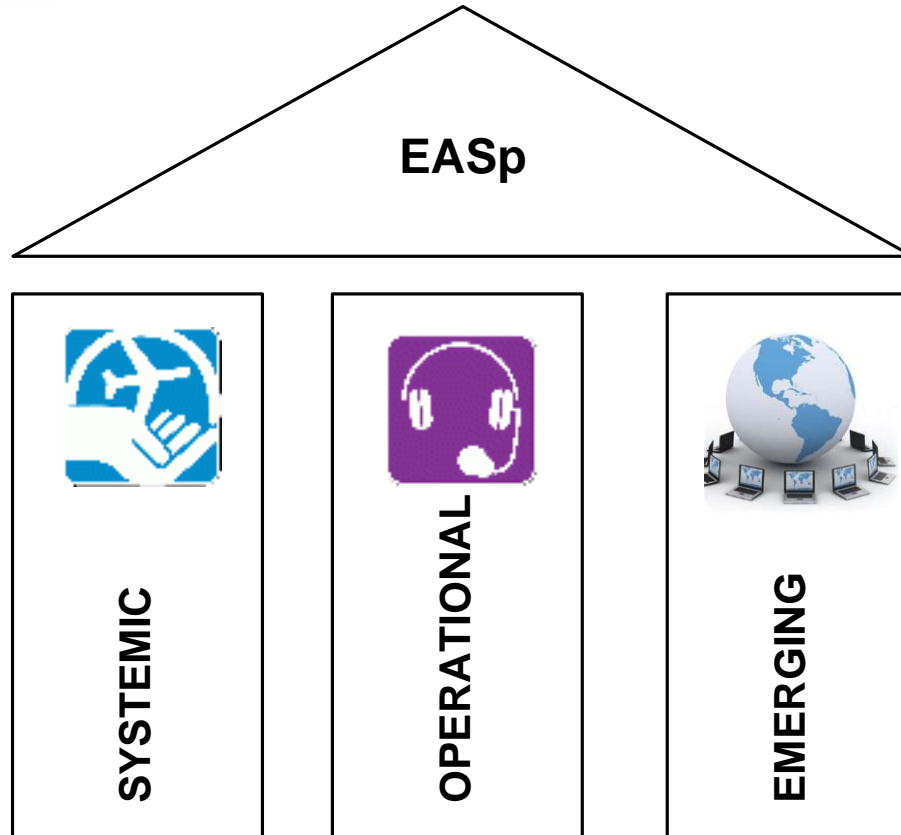
Coordinated with States and Industry

Updated yearly

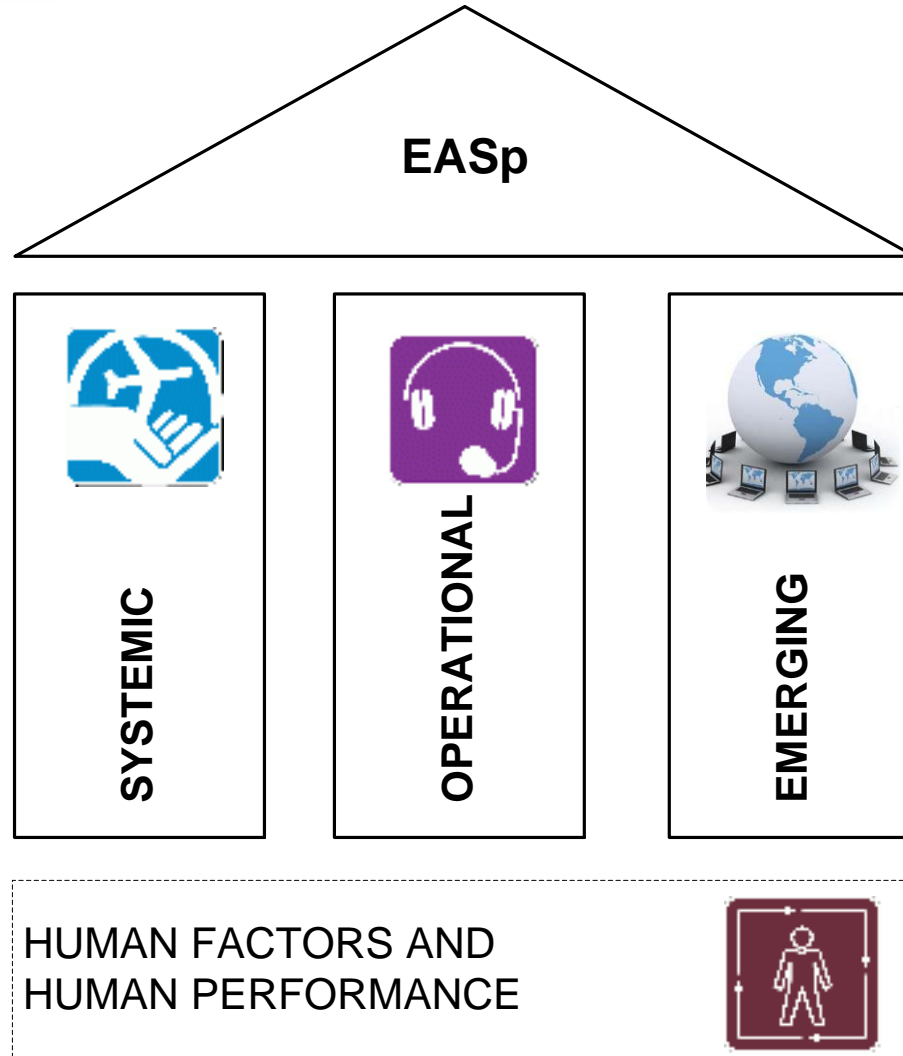
4 editions published

Endorsed by MB

Main areas/issues – Level 1



Main areas/issues – Level 1





Main areas/issues – Level 2

Systemic 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

Competence of personnel

Operational Issues

COMMERCIAL AIR TRANSPORT BY AEROPLANES

- Runway Excursions
- Mid-air collisions
- Controlled Flight Into Terrain
- Loss of Control In Flight
- Runway Incursions
- Fire, smoke and Fumes

OTHER TYPES OF OPERATION

- Helicopters
- General Aviation

Emerging Issues

New products, systems, technologies and operations

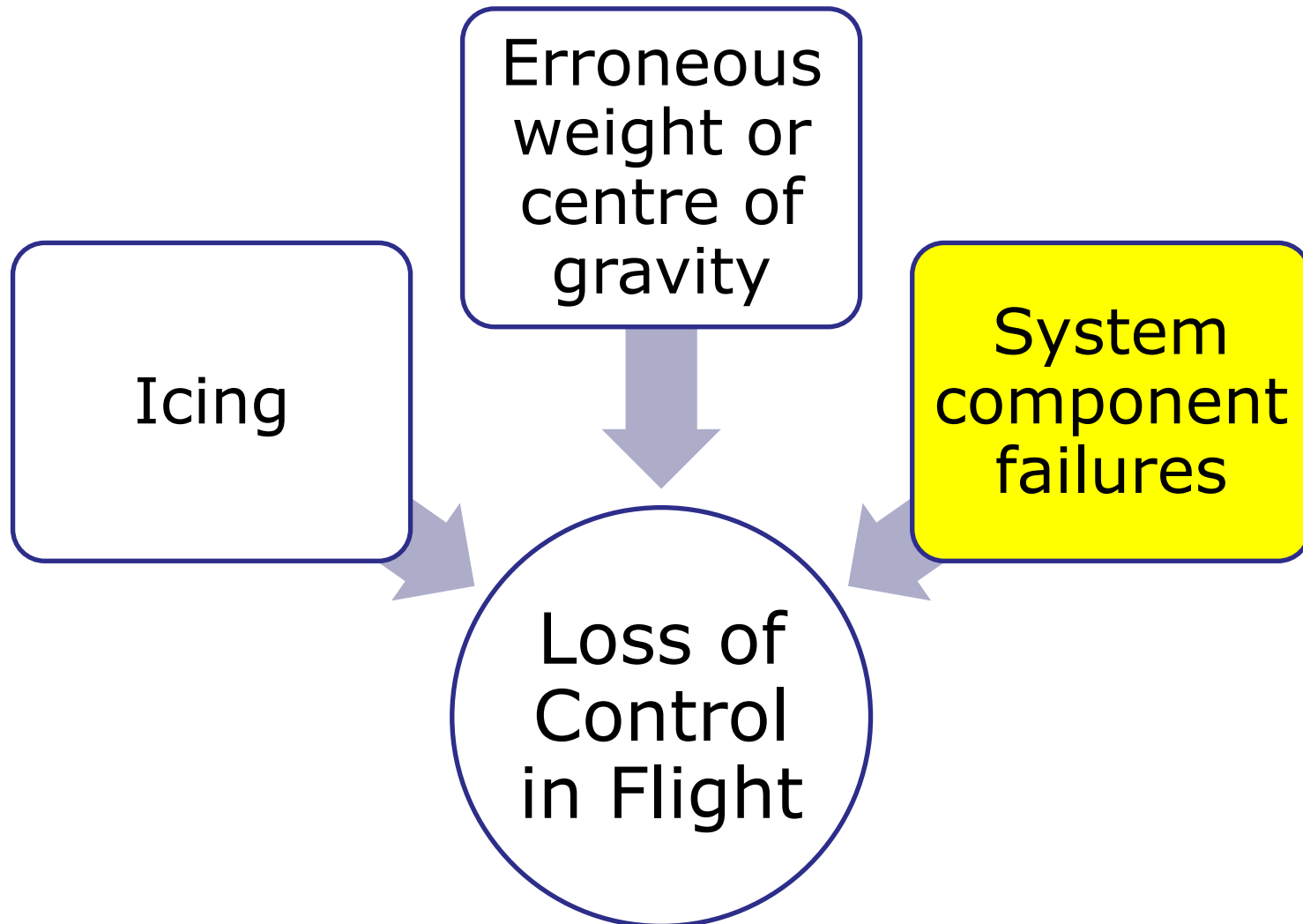
Environmental factors

Regulatory considerations

Human Factors and Human Performance



Example – Level 3





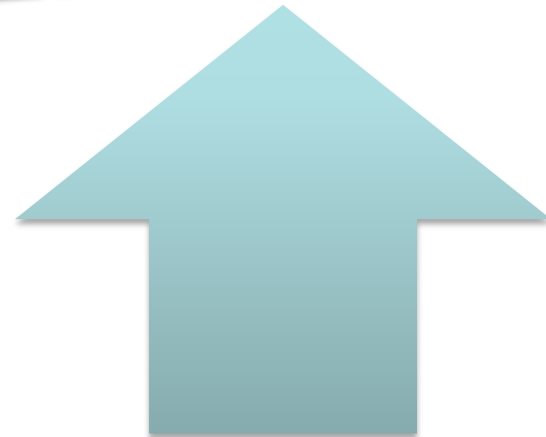
Two approaches



Safety of the
System (EASp) –
Top-down

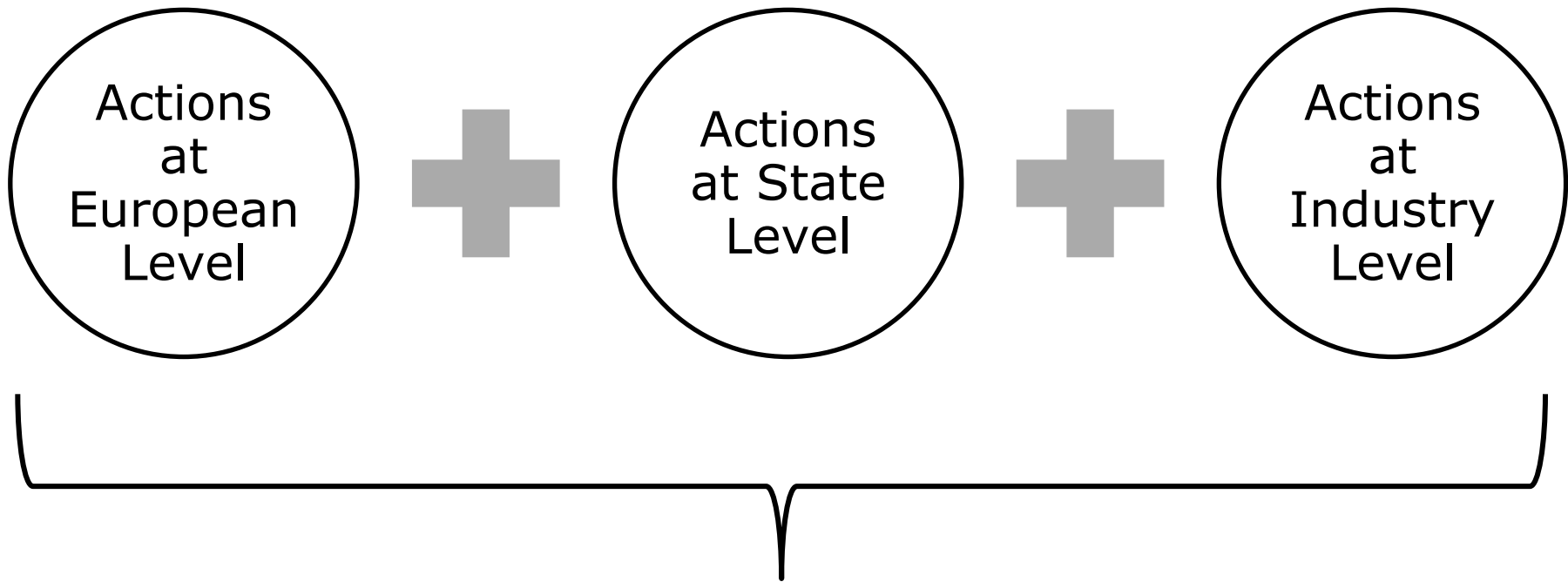
COMPLEMENTARY

Safety of
individual
components and
organisations –
Bottom-up





Coordination of efforts



European Aviation Safety plan (EASp)

Coordination with Industry



<http://www.easa.europa.eu/essi>



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Summary

Your safety is our mission.



In summary

EASP

Comprehensive Safety
Programme for the Region

Goals

EC spells out the Strategy

EASp

EASA facilitates risk
mitigation and monitoring



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Thank you for your attention

EASp 4th edition now available at
www.easa.europa.eu/sms

www.easa.europa.eu

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