

Airspace Infringement Workshop

A KEY RISK DEMANDING DEDICATED ACTION

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Radu CIOPONEA
Senior Safety Expert
NMD/NOM/Safety Unit
EUROCONTROL

Objective and agenda of the workshop

Introduce the European Action Plan for Airspace Infringement Risk Reduction
and
Set up a local implementation plan

- Present the Airspace Infringement issue:
 - Definition;
 - The European perspective: EUROCONTROL
 - A real-life experience: Belgocontrol and the Belgian CAA;
 - Local experience: INAC, NAV, FAP.
- Implementation of Action Plan in Portugal:
 - Components;
 - Various responsibilities;
 - Follow-up.

Airspace Infringement

DEFINITION

A flight into notified airspace without previously requesting and obtaining approval from the designated controlling authority of that airspace in accordance with international and national regulations .

Notified airspace includes controlled airspace (ICAO airspace classes A to E), as well as restricted airspace (such as Danger and Prohibited Areas, Temporary Segregated Areas)

Airspace Infringement

THE THREATS

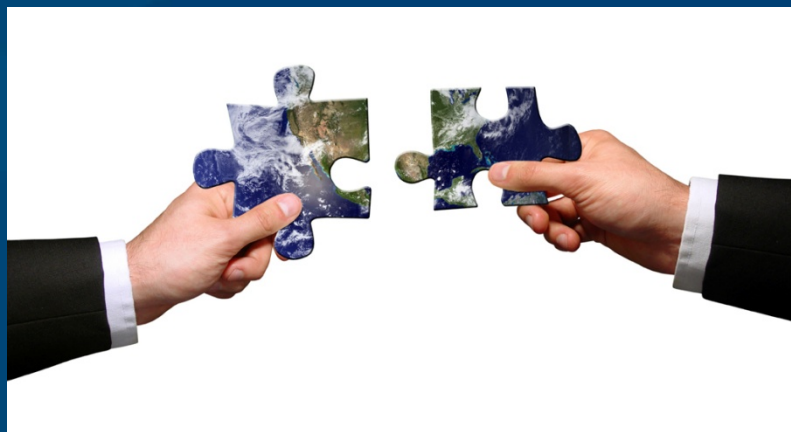
- Disruption to operations
- *Loss of separation and risk of collision*
- Mid-air collision



Airspace Infringement Initiative

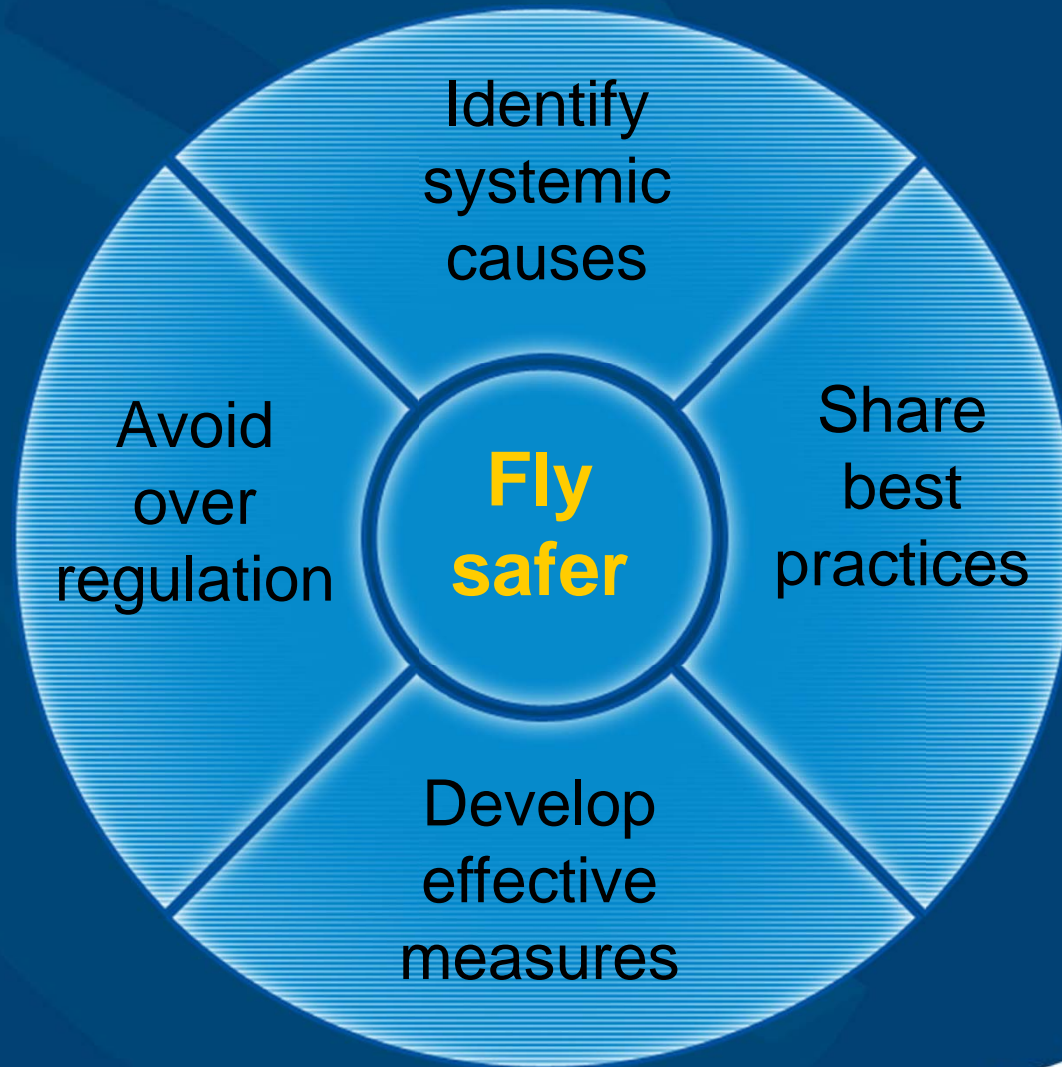
Launched beginning of 2006 with the objective to:

Develop an efficient *European wide risk reduction action plan* and assist airspace users, ANS providers and regulators in *implementing it.*



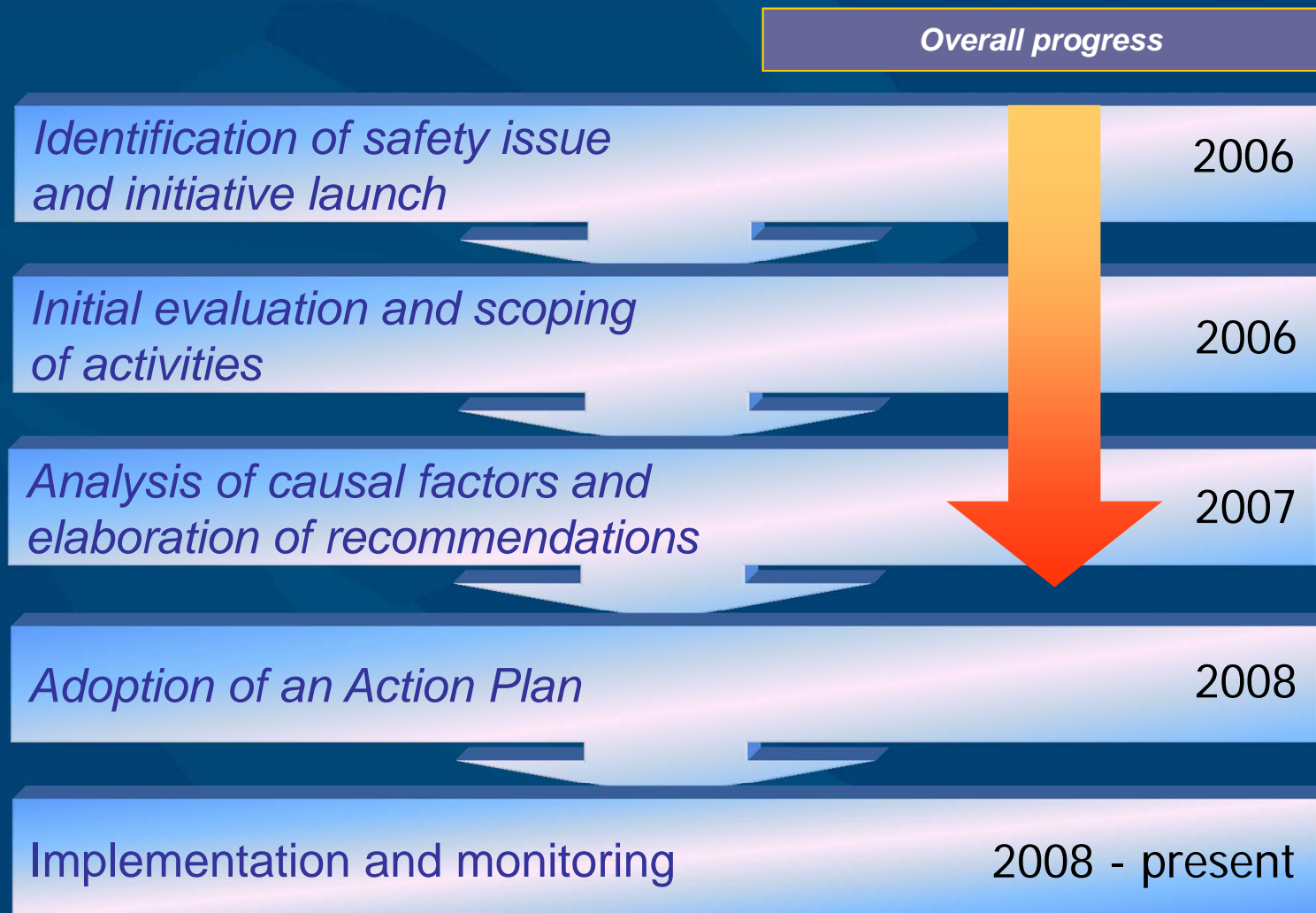
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BENEFITS



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LIFECYCLE



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APPROACH TO RISK ANALYSIS

FIS survey



Occurrence
reports
analysis



GA airspace
infringement survey

Top 10 causal factors

- Inadequate training and navigation skills
- Honest mistake
- High workload (overload)
- NOTAMs difficult to understand
- Airspace structure difficult to identify in flight
- Use of out-of-date chart
- Complex or unclear airspace procedures
- Bad weather
- Unfavourable attitude towards VFR flights
- Inadequate knowledge of airspace and procedures



European Action Plan

European Action Plan for Airspace Infringement Risk Reduction



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Safety Regulations Portal



Air Ground Communication



Airspace Infringement



Bird Strike



Controlled Flight into Terrain



Fire Smoke & Fumes



Ground operations



Human Factors



Level Bust



Loss of Control



Loss of Separation



Runway Excursion



Runway Incursion



Wake Vortex



Weather



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New features coming to SKYbrary in 2010

(posted 17 Jan 10) The SKYbrary team wishes you a safe and prosperous new year. In 2009, visitor numbers to SKYbrary doubled and over 10,000 aviation professionals now receive our weekly email. In 2010 we will continue to expand the knowledgebase, adding several significant new areas of knowledge and a new initiative to provide information on routes and airports which may not be found in AIPs "before you fly there"...

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SKYbrary Solutions

- [ALLCLEAR? Toolkit](#)
- [Level Bust Toolkit](#)
- [TCAS Awareness Toolkit](#)
- [Airspace Infringement Early Action Package](#)
- [Safety Culture in ATM Toolkit](#)
- [Operators Guide to Human Factors in Aviation](#)
- [EUROCONTROL Training Zone](#)

Safety Alerts

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Category:Airspace Infringement


Category: [Operational Issues](#)

AI

Description

Airspace infringement occurs when an aircraft penetrates an area into which special clearance is required without having such clearance.

The full article can be read [here](#).



Pages in category "Airspace Infringement"

The following 15 pages are in this category, out of 15 total.

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<ul style="list-style-type: none">Airspace Infringement and BriefingAirspace Infringement and CommunicationAirspace Infringement and Navigation	C	T
	<ul style="list-style-type: none">Conditional Route	<ul style="list-style-type: none">Temporary Reserved AreaTemporary Segregated Area
	E	V
	<ul style="list-style-type: none">Entering Controlled AirspaceEuropean Airspace Infringement Action Plan	<ul style="list-style-type: none">Visual Navigation
	F	

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Start 13:19 Tuesday

Airspace Infringement Initiative

SOME FINDINGS

Need to:

- Focus efforts on GA as needed, improving navigation and communication performance;
- Improve coordination between ATS units;
- Analyse in-depth the contributory factors;
- Improve reporting of infringement occurrences.

What are your specific issues?

Thank you for the attention



Questions?