



International Civil Aviation Organization

Safety Data Collection and Analysis at ICAO

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WSD 2010



Overview

Welcome

Our “Flight Plan”

- Safety level and accident causation model
- Data analysis and visualisation
- i-STARS





Safety as a goal

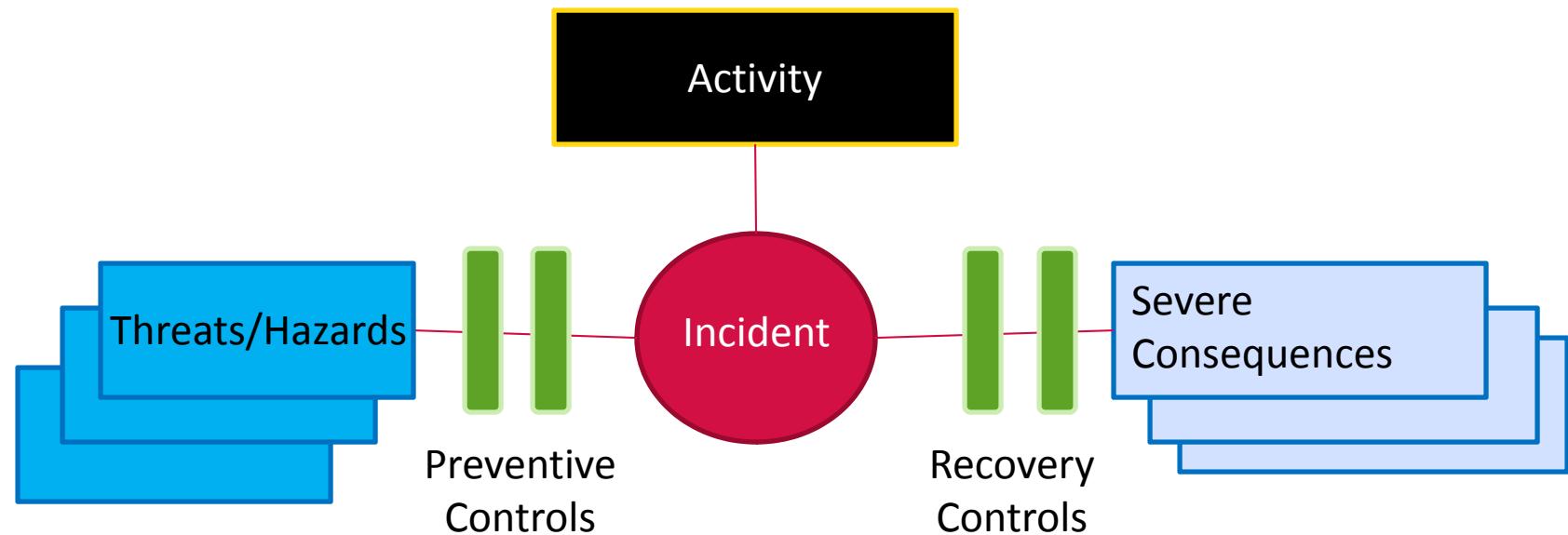
ICAO Global Level of Safety

The Global Aviation Safety Plan (GASP) includes three safety targets to be achieved by 2011:

- 1. Reduce the number of fatal accidents and related fatalities worldwide**
- 2. Achieve significant reductions in the global accident rate**
- 3. Ensure that no ICAO region has an accident rate more than double the world average**

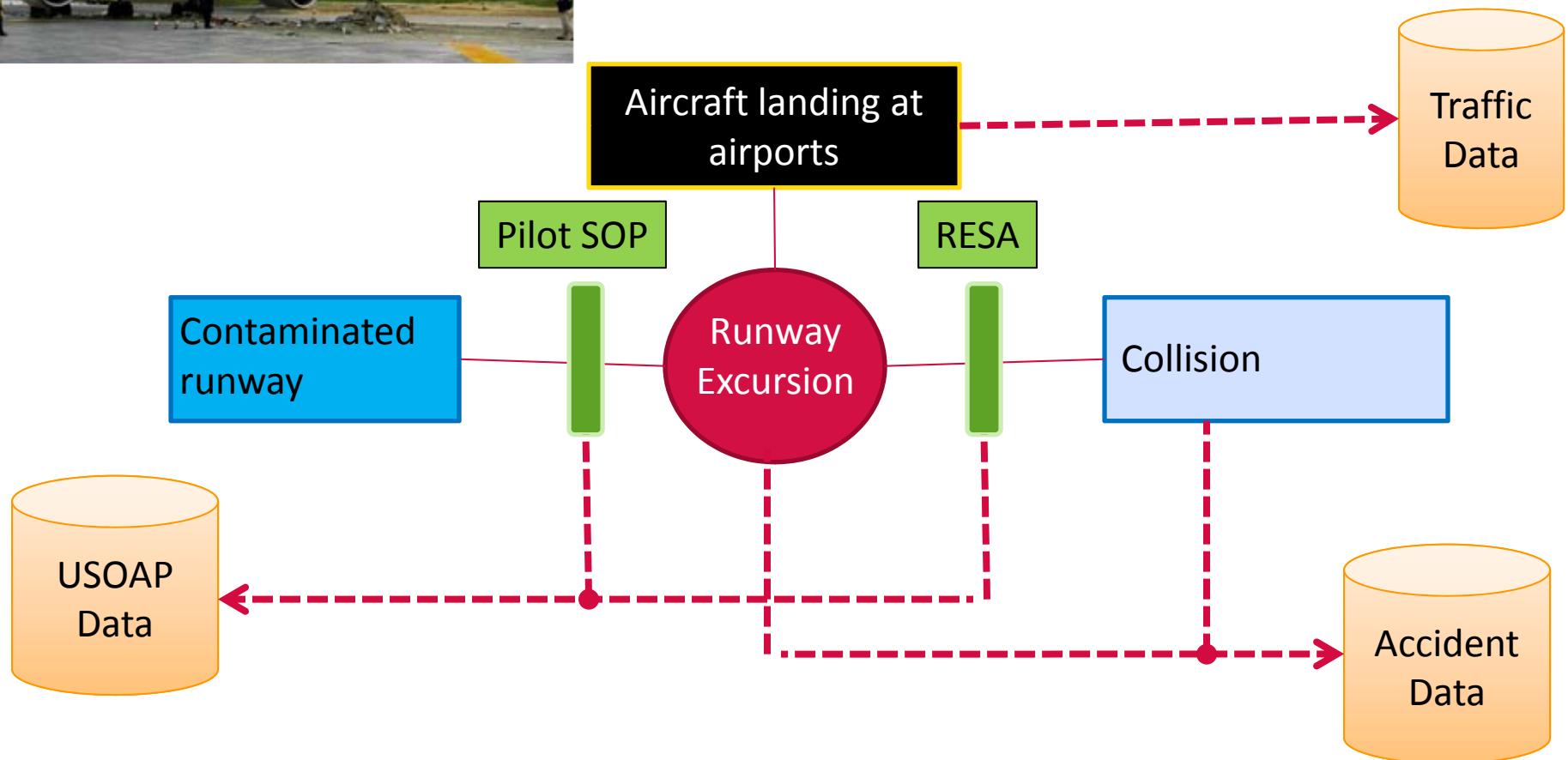


Risk management model (Bowtie)





Simple Runway excursion risk model

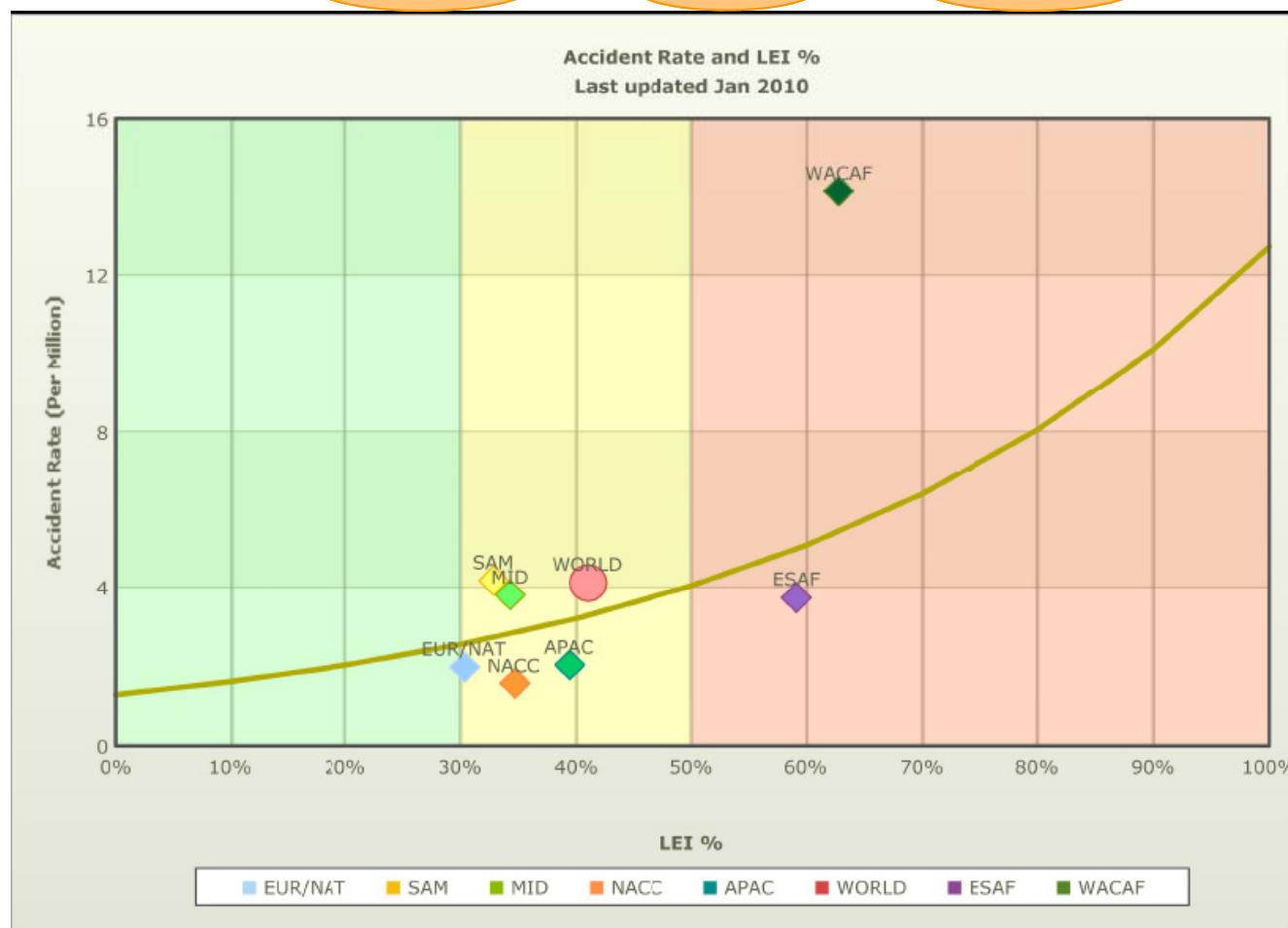




Global accident rate

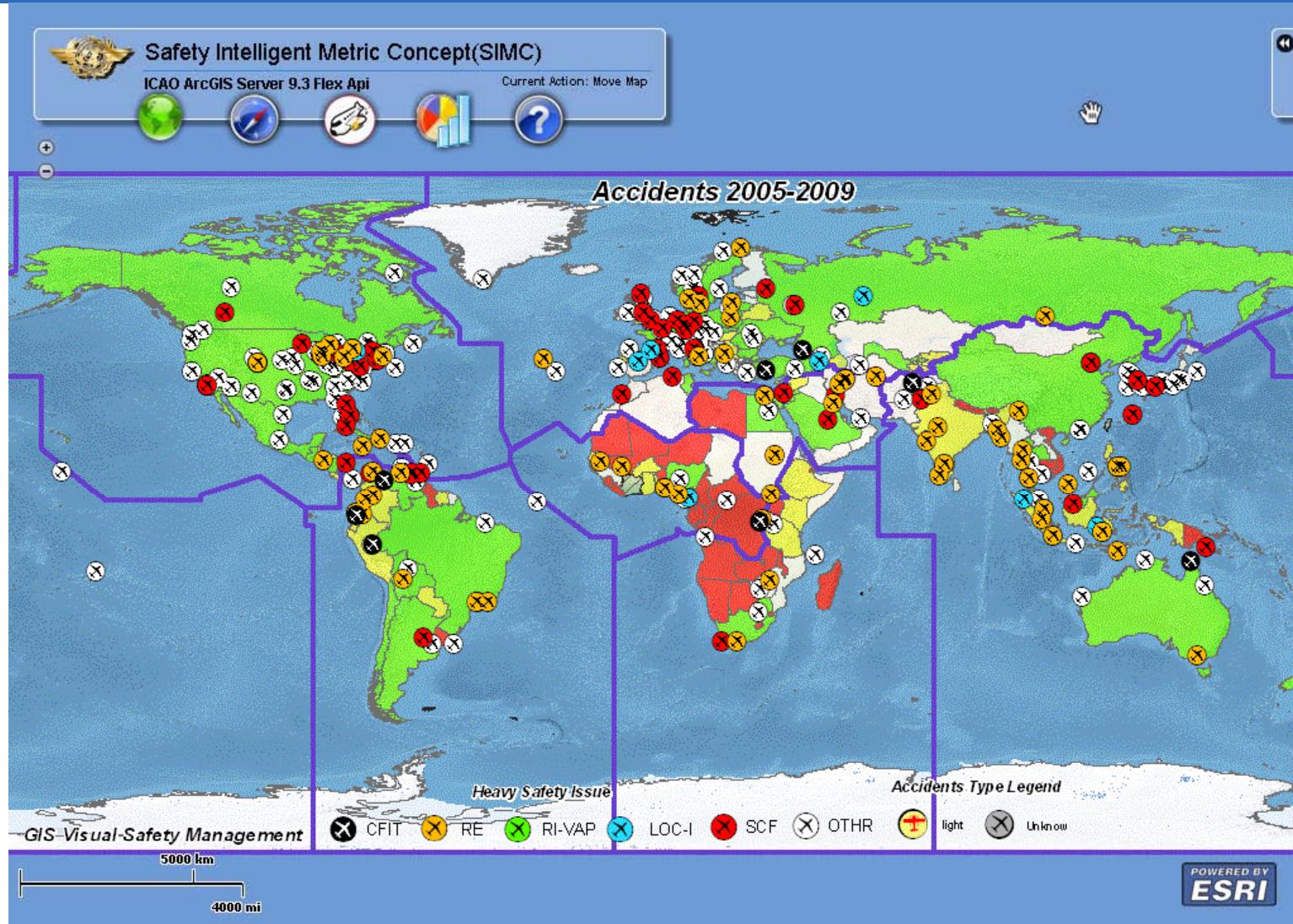


USOAP Audits and Accident rate correlation





Spatial safety data analysis





iSTARS

iSTARS

Secretariat > ANB > ISM > iSTARS



Version: alpha
Released: September 28, 2010

Want to see how it works?

Name

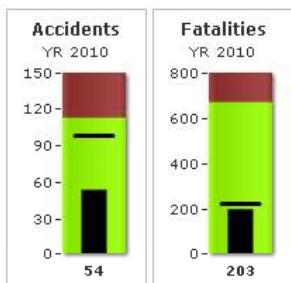
How to filter and sort iSTARS lists

Introduction to iSTARS

How to navigate through iSTARS

Take a world tour on GIS

2010 Accident Status (as per 1/8/10)



iSTARS

integrated Safety Trend Analysis and Reporting System



Introducing