

# Safety Knowledge Management

library

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***“A safety improvement anywhere is a  
improvement of safety everywhere”***

Adopted from International Atomic Energy Agency

# In this presentation in brief

The challenge to manage aviation safety

Safety Knowledge

SKYbrary Development Strategy

# In this presentation in brief

## **The challenge to manage aviation safety**

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### Safety Knowledge

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### SKYbrary Development Strategy

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# Two things you would introduce

**Note them down**

- For the next 5-6 years
- To bring maximum benefit for aviation safety

library

# Accidents in 2008

## Are we learning the lessons?

- 688 total fatalities for commercial jet, commercial turboprops and corporate jets
- 19 major accidents\*
- 6 LoC, 6 RWE, 2 CFIT
- 1 new type of accident – BAW, B777 at EGLL

\* FSF definition of major accident

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# Practical approach

*A survey:*

- Within a global network of 2000 Aviation Safety Professionals - Subscribers to EUROCONTROL Safety Alerts:
  - **What are your job top priorities?**
  - **What takes most of your working time?**

# Practical approach

## *A survey:*

- From the survey:
  - **Information exist, but how to access it?**
  - **Which advice is credible?**
  - **How to make sense from safety data?**
  - **How to comply with the regulations?**

# Friedrich Hayek

## *"The Use of Knowledge in Society"*

- “...the knowledge of the circumstances of which we must make use never exists in concentrated or integrated form but solely as the dispersed bits of incomplete and frequently contradictory knowledge which all the separate individuals possess ”
- “Or, to put it briefly, it is a problem of the utilization of knowledge which is not given to anyone in its totality”

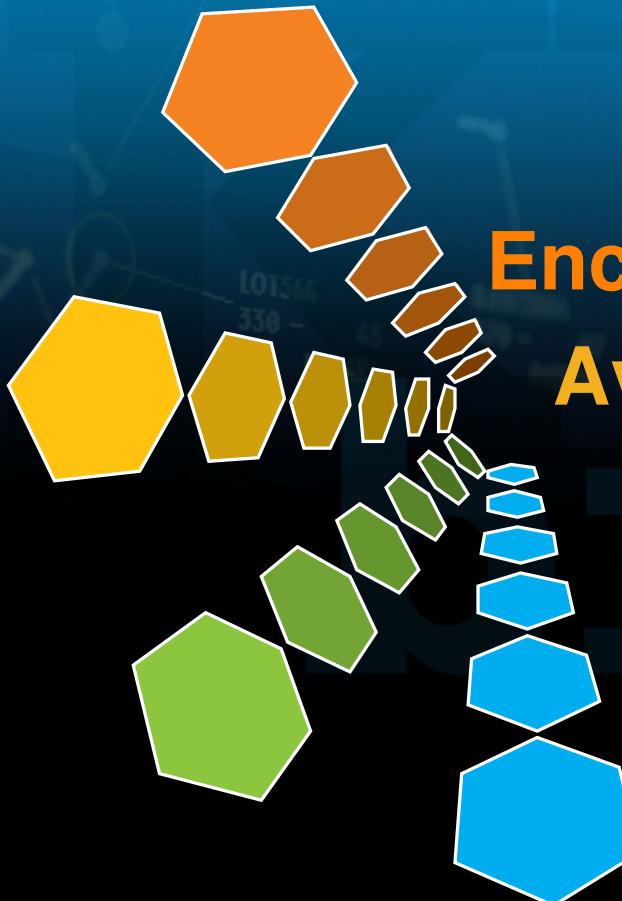
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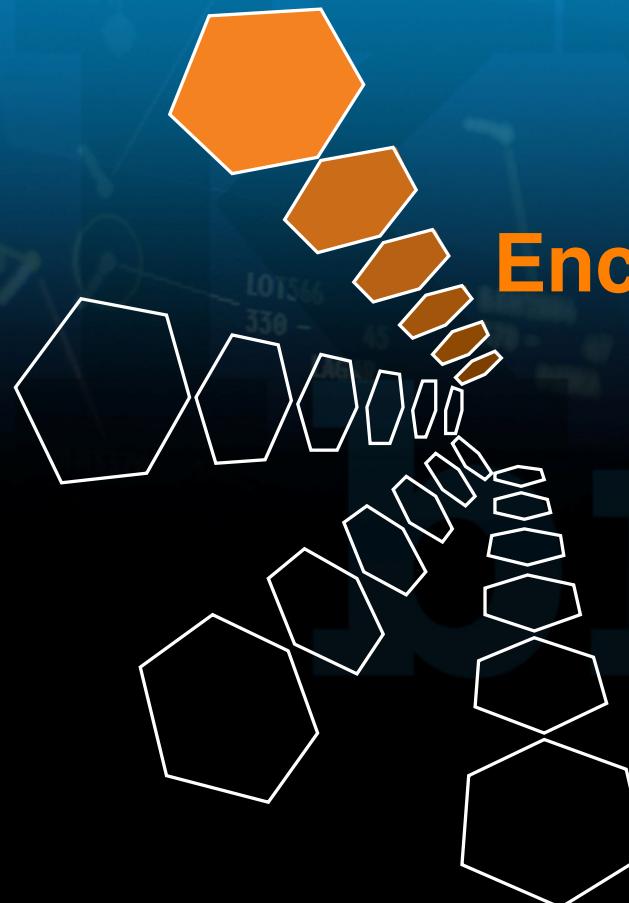
**SKYbrary Development Strategy**

# What **value** SKYbrary brings to you?



Encyclopaedia  
Aviation Wide  
Network  
Portal

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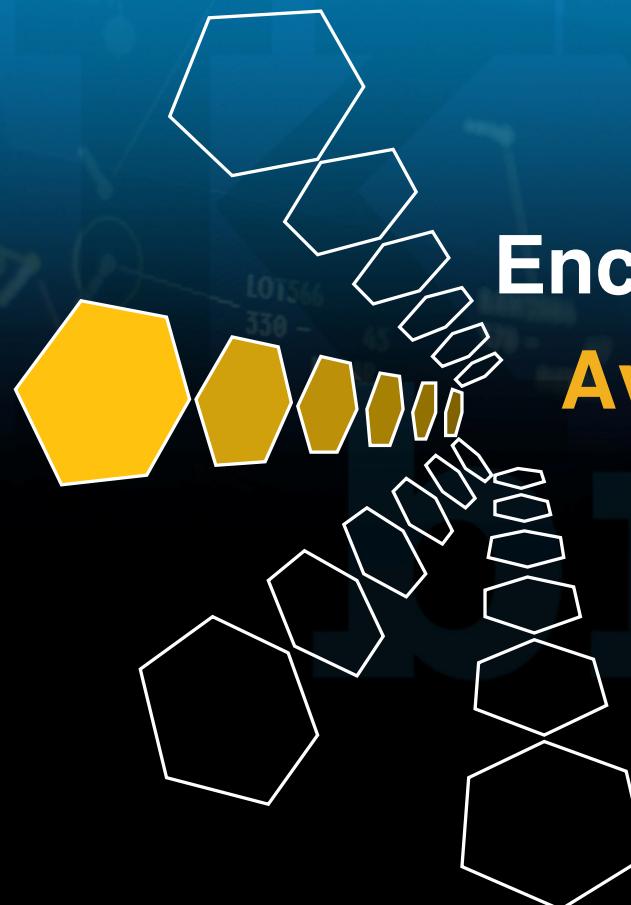
Encyclopaedia

# Aviation Encyclopaedia

*availability vs. accessibility*



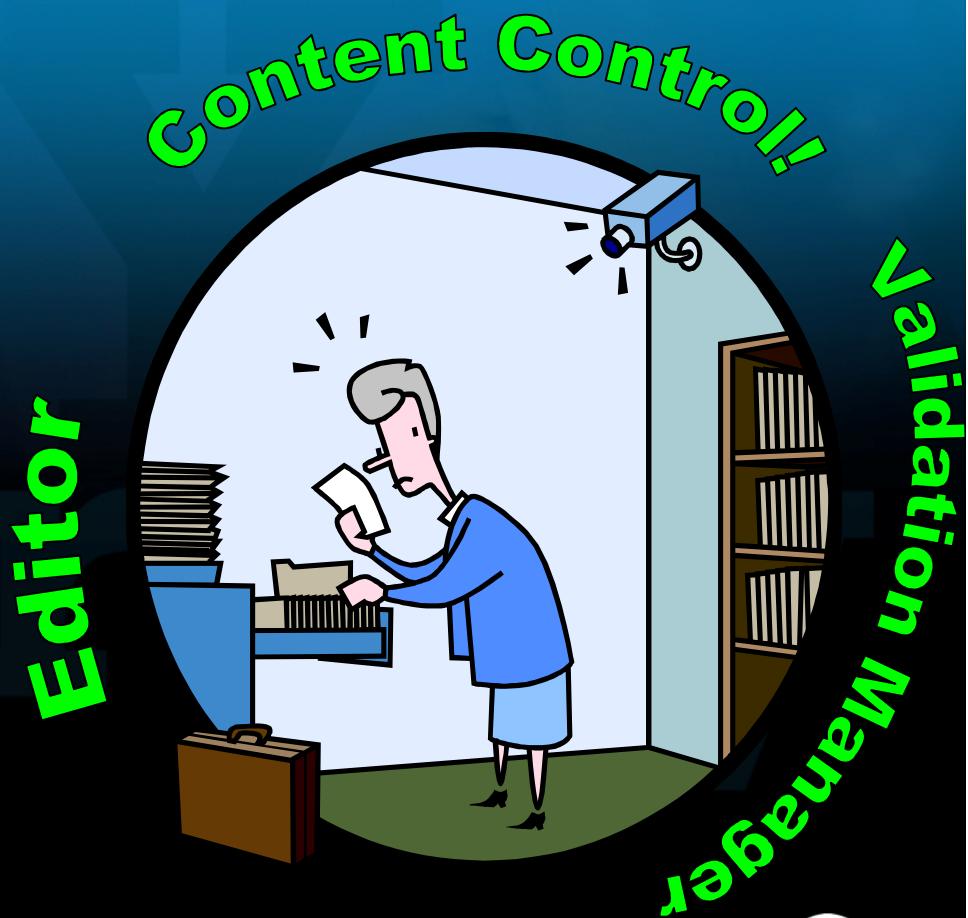
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# Aviation wide *involvement vs. credibility*

- How many “hypothesis” have you heard for Spanair Madrid accident?
- And why the first thing asked by, otherwise wise “experts”, is “what is the cause”?



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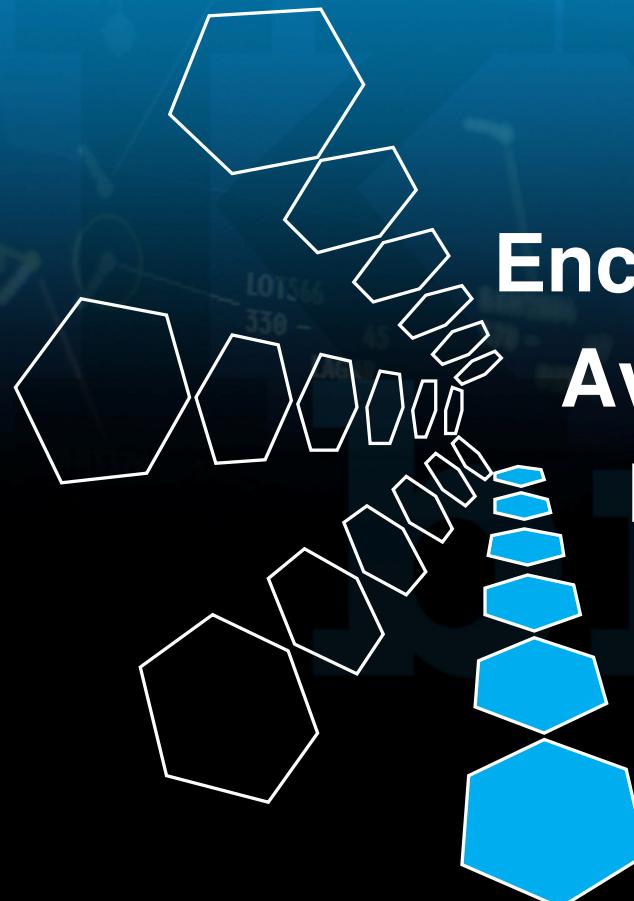
# Network

## *organic growth (ecosystem) vs. neatly organised*

- For example:
- How to find the recent de-icing Hold-over time (HOT) tables?
- Using not current HOT tables may result in outdated Operations Manual!



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# Portal

## *“Good-to-know” vs. “Need-to-do”*

- How to shape behavior: know => learn to do => habit

The image shows a screenshot of the ALL CLEAR? website. The header features the text "ALL CLEAR ?" and "The path to clear communications" with a logo of a stylized airplane and a blue swoosh. The top navigation bar includes "Introduction", "Communications", "Risk of Breakdown", and "Summary & Links". A "Welcome Guest" message is on the right. The main content area is titled "Air Ground Communications" and "Introduction to this module". Below the title is a video player showing a man in a black shirt. To the right of the video player is a large orange speech bubble containing the text "Interactive applications! Video tutorials". The bottom of the page shows a footer with the date "3/23/2009" and the Eurocontrol logo.

ALL CLEAR ?  
The path to clear communications

Welcome Guest

Introduction Communications Risk of Breakdown Summary & Links

Air Ground Communications

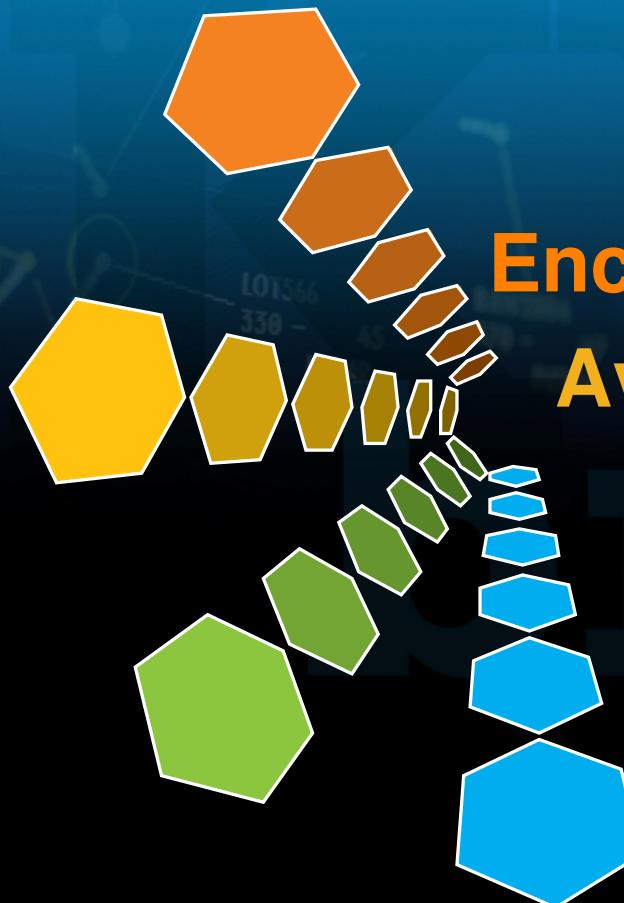
Introduction to this module

Interactive applications!  
Video tutorials

3/23/2009

EUROCONTROL

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# Challenges & *Opportunities*

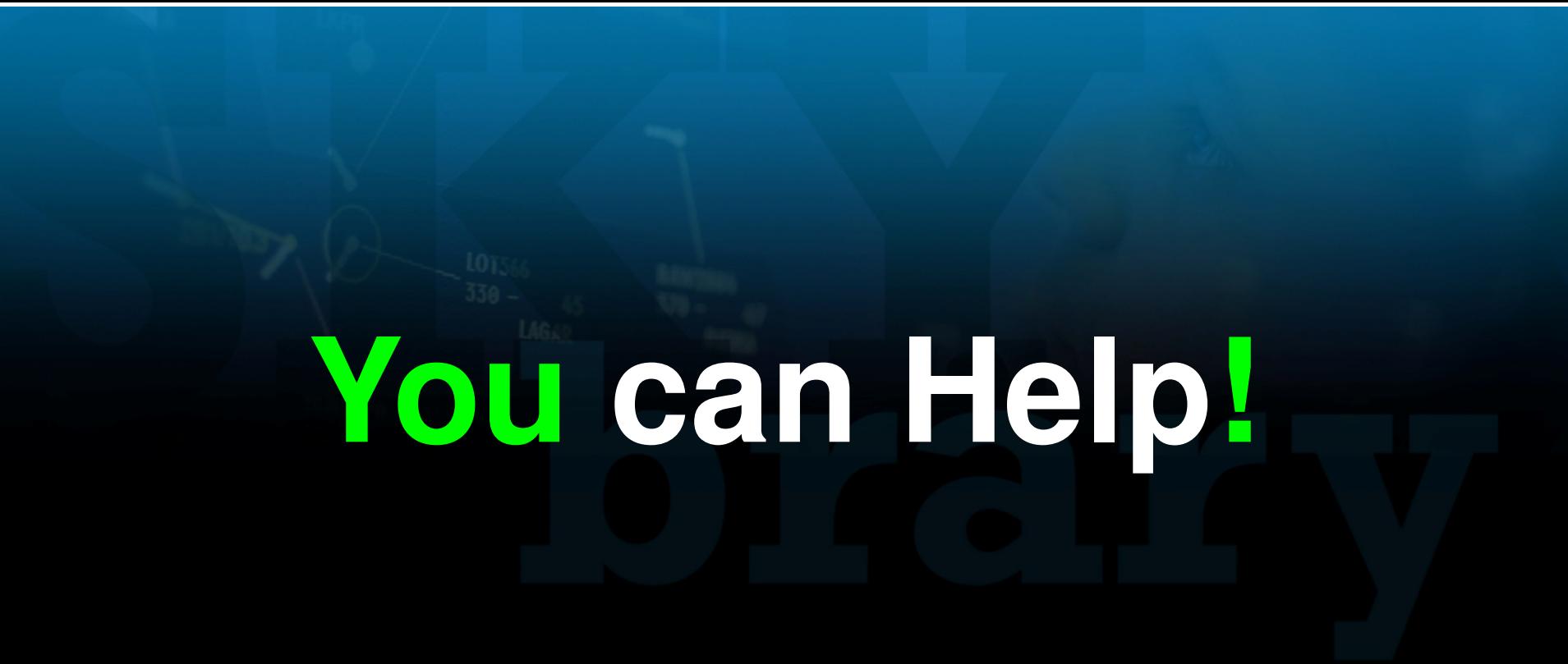
- Aviation-wide demand
- Raising number of “knowledge suppliers”
- Ensuring the effort for content control
- *Aviation-wide platform*
- *European and Global coverage*
- *Reducing the “red tape”- efficient “soft” influence*

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You can Help!

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3/23/2009

