



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

*A United Nations Specialized Agency*

ASBU/SIP/LIMA/2013-WP/16

# **Global Reporting**

## **Annual Global Air Navigation Report**

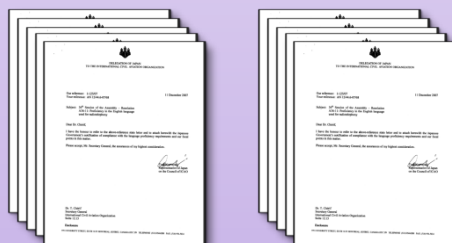
**Vince Galotti**

Deputy Director

Air Navigation Bureau

## The logo of the International Civil Aviation Organization (ICAO) is a circular emblem. It features a globe with latitude and longitude lines, centered on the North Pole. The globe is flanked by two olive branches. Above the globe, the text "ICAO · OACI · ИКАО" is written in a semi-circle. Below the globe, the Chinese text "国际民航组织" is written in a semi-circle. The entire emblem is set against a white background.

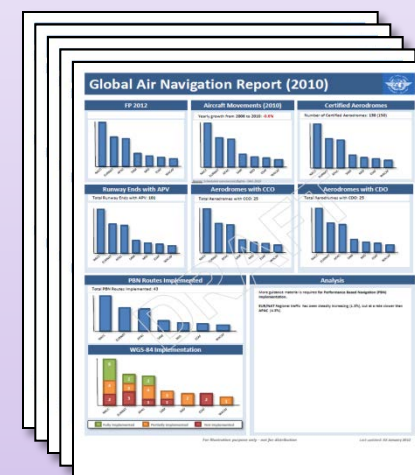
## ANALYSIS



The screenshot shows the Microsoft Excel 2010 application window. The title bar reads "Microsoft Excel - [Book1.xlsx] - Microsoft Office". The ribbon is set to the "Formulas" tab, with the "Calculation Tools" group active. The status bar at the bottom indicates "Formulas" and "Calculation Status: Done".

The spreadsheet contains the following data:

| NO | GLESE                        | GLESE2   | GLESE3   | GLESE4   | GLESE5                 |
|----|------------------------------|----------|----------|----------|------------------------|
| 1  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
| 2  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
| 3  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
| 4  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
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| 6  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
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| 9  | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |
| 10 | Samuel, C. and A. Allen, Sam | all over | 1.170000 | 1.170000 | 2nd column information |



ELECTRONIC / PAPER

# Air Navigation Reporting Future



## REPORTS

Attributes

ACTIVITY: AIR, ANS, LEG, OPS, PEL

1) STATE: Sample State

2) CITIES: Sample City

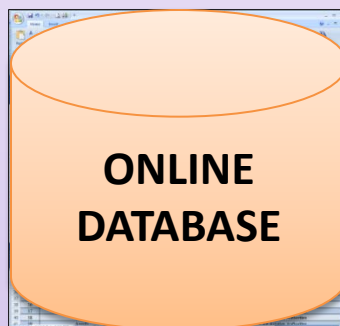
4) PROVIDER: Sample Provider

5) FUNDING: Sample Funding

Delete OK

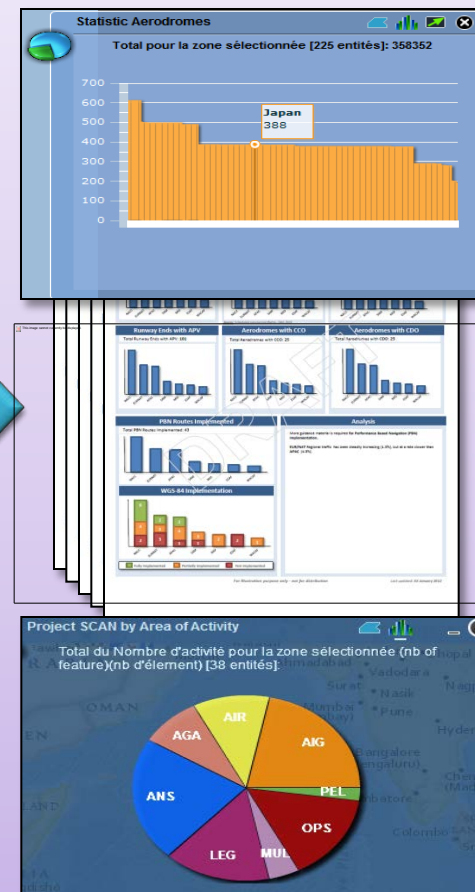
ONLINE

## DATA



ONLINE

## ANALYSIS



ONLINE

# Measuring Against the Global Plans *Reporting Mechanism and Tools*



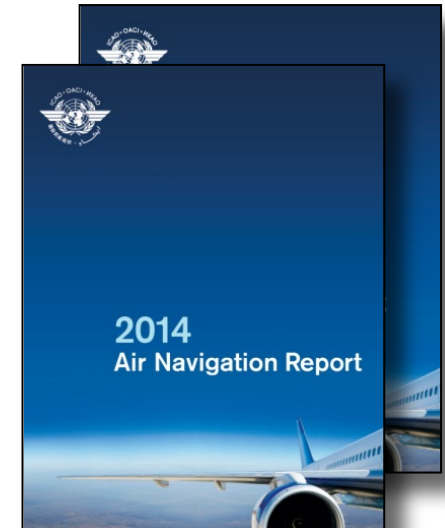
## Regional Bodies



## Web Portal



## Report



- **Visualize** the status of implementation through dynamic and interactive charts
- Provide **feedback** on the data (qualification of the data)
- Perform **self-assessments**, generate ad-hoc **reports** and **export** data
- Provide a venue for data collection towards the **Annual Reports**

# Annual Global Air Navigation Report

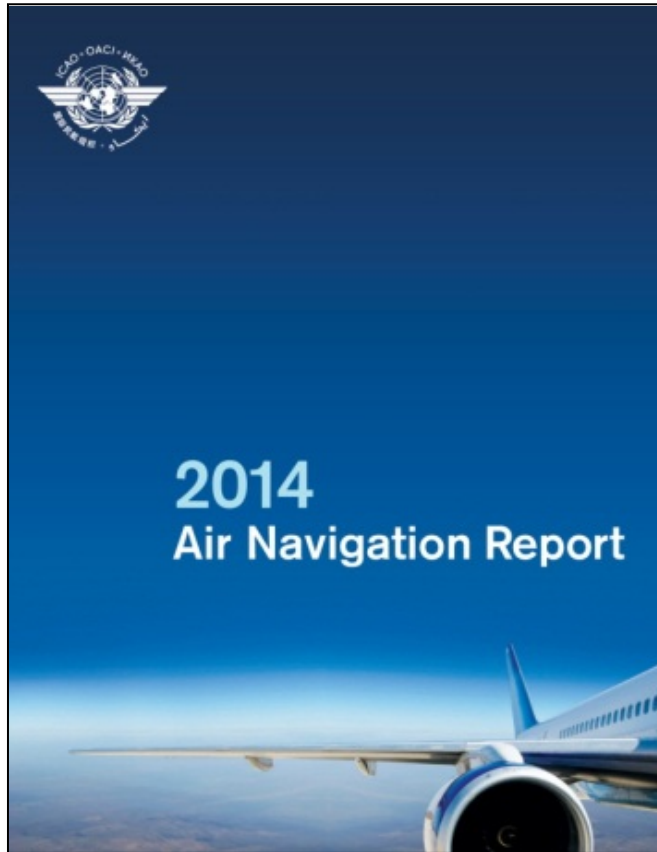
## Purpose



- Transparency and sharing of information are fundamental to a safe and efficient global air transportation system.
- Consistent with this principle and much like the existing annual Safety Report, the proposed annual Global Air Navigation Report will assist PIRGs and States in understanding which areas require special attention to effectively improve air navigation performance worldwide . **First Report in March 2014**
- Help propagate information on implementation success stories.
- Provide an opportunity for the civil aviation community to evaluate progress across different ICAO regions.
- Facilitate more effective interregional harmonization planning
- The outcomes of the Report could also help to identify annual tactical adjustment priorities for regional work programmes, as well as informing longer-term policy adjustments.

# Annual Global Air Navigation Report

## Proposed contents



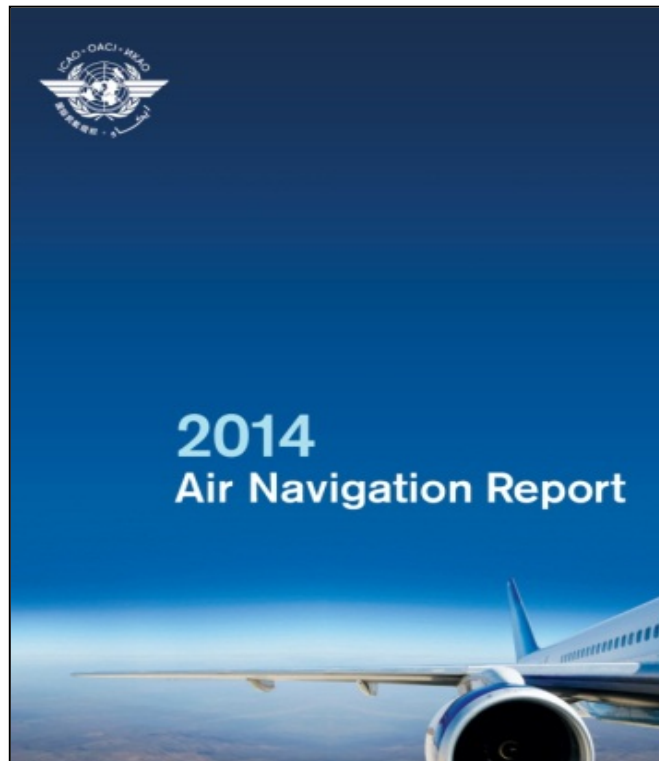
- global air navigation challenges;
- measuring against those challenges;
- status of operational measures for performance improvement;
- implementation progress of selected priority ASBU Block 0 Modules.
- sharing of successful initiatives and key demonstrations

# Annual Global Air Navigation Report

## An initial dataset



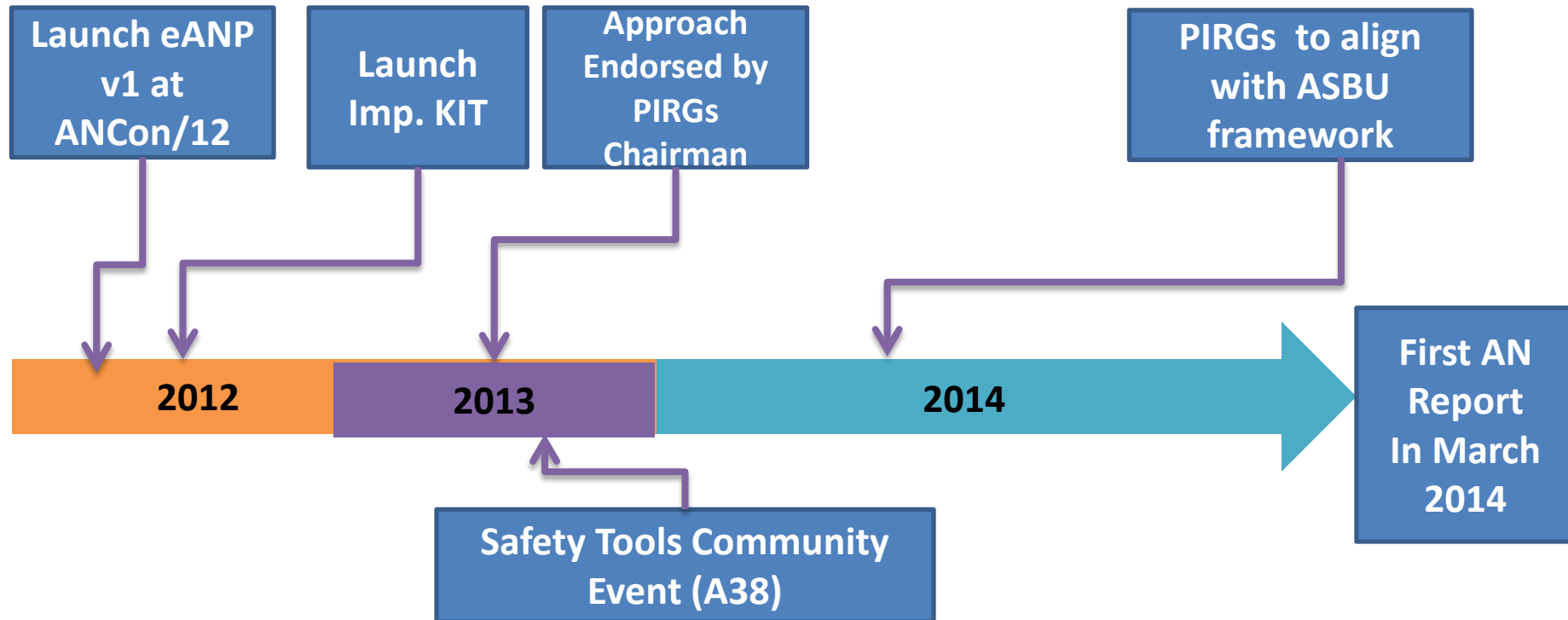
This initial dataset for both Regional Performance Dashboard and the Global Air Navigation Report was recently agreed by the PIRG Chairs in a coordination meeting held on 19 March 2013



- 1. Performance Based Navigation (PBN) - Terminal**  
*% of international aerodromes with APV*
- 2. Performance Based Navigation (PBN) - Enroute**  
*% of PBN routes/airspace*
- 3. Continuous Descent Operations (CDO)**  
*% of international aerodromes/TMAs with CDO*
- 4. Continuous Climb Operations (CCO)**  
*% of international aerodromes/TMAs with CCO*
- 5. Estimated Fuel Savings/ CO2 Emissions Reduction Based on IFSET**
- 6. Air Traffic Flow Management (ATFM)**  
*% of ATS Units/international aerodromes providing ATFM service*
- 7. Aeronautical Information Management (AIM)**  
*% of needed elements (from AIS to AIM Roadmap) facilitating the transition from AIS to AIM that have been implemented – PHASE I*

# Annual Global Air Navigation Report

## Initial tasks and Roll Out



# PIRG-RASG Global Coordination Meeting

## Objective



- A Planning and Implementation Regional Groups (PIRGs) and Regional Aviation Safety Groups (RASGs) Global Coordination Meeting (GCM) was held in Montreal on 19 March 2013 under the Chairmanship of the President of the ICAO Council.
- The main objective of the meeting was to exchange views on the readiness and ability of the PIRGs and RASGs to set priorities and targets in line with the new versions of the GANP and the Global Aviation Safety Plan (GASP).
- A secondary objective was to share successful initiatives of each of the PIRGs and RASGs to ensure the best possible synergy. The outcome of the meeting includes

# PIRG-RASG Global Coordination Meeting Outcome



- Establishing regional priorities and targets for air navigation by May 2014 consistent with the GANP/ASBU framework;
- Need to measure performance improvements to help demonstrate their positive impact on the environment;
- Endorsed regional performance dashboard prototype and determination of an initial set of indicators and metrics for air navigation;
- Confirmation of the need for a coordination mechanism in each region between the RASG and
- PIRG to ensure consistency of action and avoid overlap;
- Encouragement of the sharing of successful initiatives among each other;
- Identification of the need for training to determine priorities for the aviation system block upgrades; and
- agreement on utilizing specific interface groups where required for addressing the harmonization of air navigation plans in adjacent areas of PIRGs.

It was decided to convene the PIRG-RASG global coordination meeting in this format once every two years with the next one planned for spring 2015.



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Southern African  
(ESAF) Office  
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(APAC) Office  
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**Thank You**