



International Civil Aviation Organization


ASBU/SIP/Lima/2012-WP/7

Global Air Navigation Plan (GANP) – Framework for global planning


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Workshop on preparations for ANConf/12 – ASBU methodology
(Lima, 16-20 April 2012)

Outline





- Planning mechanisms
- Development of revised GANP
- What is new in the revised GANP
- What are the policy changes
- International agreement at the ANConf/12

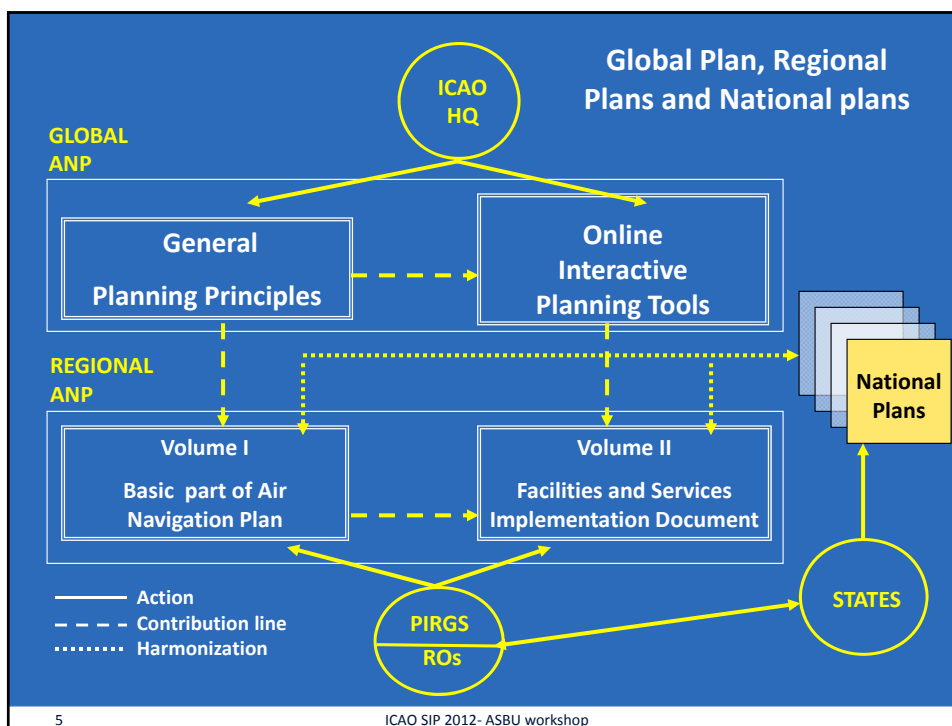


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2

Planning Mechanisms...			
			
Partners	Planning Levels	Deliverables	Guidance
ICAO	Global	Global plan	ICAO policy
Regional planning groups	Regional	Regional plan	Global plan
Subregional/ or Multinational groups	Subregional or Multinational	Subregional plan or Multinational	Regional plan
States	National	National plan	Regional plan
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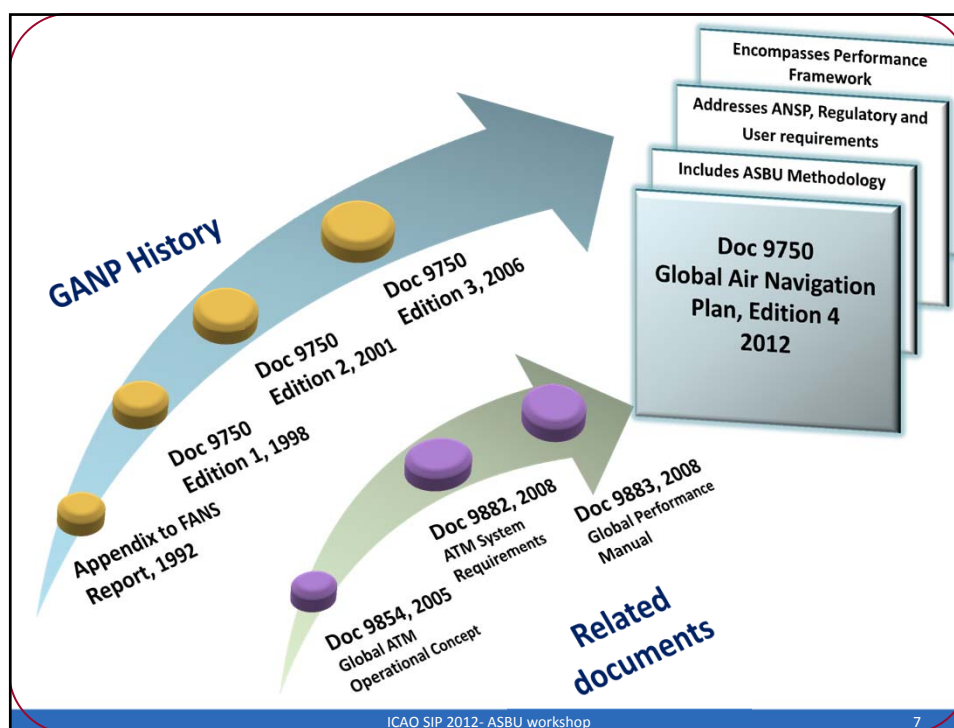
Planning Mechanisms			
			
Partners	Planning Levels	Deliverables	Guidance
Airspace users	Regional, national	User-driven plan	Regional and national plans
Service providers	Global, regional, national	Service-provider plan	Global, regional and national plans
Industry	Global, regional, national	Manufacturer plan	Global, regional and national plans
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What is Global Plan?



- Strategic Document for regional and national planning for air navigation infrastructure
- Serves as global guidance for PIRGs
- Maturity process
 - First developed as global coordinated plan for CNS/ATM Systems in 1992
 - In 1998 the Global Plan for CNS/ATM systems released
 - In 2006, the Global Plan for Air Navigation Systems was developed
 - In 2012, revised Global Plan will be presented during 12 ANConf that will contain ASBU methodology
- Refers to five major disciplines
 - ATM, CNS, MET, AIM and AGA



GANP- Contents

Global Air Navigation Plan
(Under development)
Outline

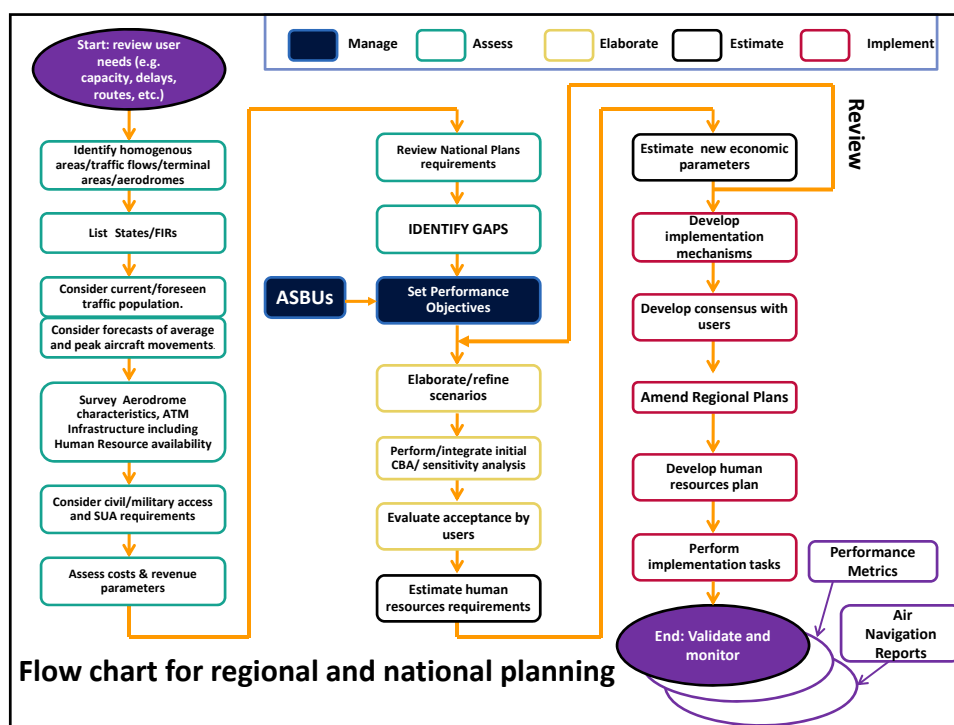
Chapter 1: Introduction
Chapter 2: Global Air Navigation Policy
Chapter 3: Standardization
Chapter 4. Continued R and D
Chapter 5: Implementation
Chapter 6: Aviation System Performance


All related appendices and guidance material for regional planning will be available online linked to Global Plan

- Examples: List of Homogenous ATM areas and Major traffic flows, Guidance on Economic, Financial, Organizational and International cooperative aspects, guidance on environmental benefits.


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 What is new in the revised Global Plan? International Civil Aviation Organization		
No	Current version (Nov 2006)	Upcoming revised version (Nov 2012)
1	Scope covers only ground equipment for ANSPs	Scope extends to airspace users and regulators involving Airlines and CAAs
2	P (paper)–based	E (electronic)–based

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What is new in the revised Global Plan?

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No	Current version (Nov 2006)	Upcoming revised version (Nov 2012)
3	Does not support planning tools for its implementation	Detailed guidance available online on the related website
4	Addresses individual improvements through GPIs	Addresses a package of improvements through ASBU Modules encompassing all GPIs

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What is new in the revised Global Plan?

International Civil Aviation Organization

No	Current version (Nov 2006)	Upcoming revised version (Nov 2012)
5	No individual roadmap for enablers	Separate technology roadmaps for C, N, S and IM
6	Aircraft equipage not specified	Avionics roadmap included

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What is new in the revised Global Plan?

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No	Current version (Nov 2006)	Upcoming revised version (Nov 2012)
9	Global plan was not presented to Industry forum	Global Plan reviewed by GANIS
10	Implementation was based on near term and medium terms	Implementation is based on near, medium and long terms through Blocks 0, 1, 2 and 3 timeframes

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What is new in the revised Global Plan?

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No	Current version (Nov 2006)	Upcoming revised version (Nov 2012)
11	Supported by paper based Regional ANPs	Supported by web based Regional ANPs, called eANPs
12	Quantification of fuel savings and corresponding environmental benefits are not available	ICAO Fuel Savings Estimation Tool (IFSET) will be a part of the revised global plan

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What are the policy changes for States?



- Regulators will now be part of regional and national air navigation planning process by supporting required regulatory needs for ASBU modules
- Regulator role will be both oversight and support for implementation
- Regional agreement for the implementation of ASBUs will be reflected in the respective regional air navigation plans through PIRG process
- Nation planning will also follow ASBU methodology thus deriving all benefits for all the entities including regulators

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15

Revised GANP -International Agreement at AN-Conf/12



- Montréal, 19-30 November 2012
- Global Air Navigation Plan (Global ANP) revision – 2012
 - First Infrastructure Report planned for 2014
- Regional Air Navigation Plan (online format known as eANP) revision – 2012
 - ICAO is progressing towards development of online version of Regional Plans, called e-ANPs for all the regions and will include ASBU methodology. The Regional e-ANPs will be an online interactive plan with access rights to States, International organizations and Regional offices and will be made available at the AN-Conf/12.



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16

Synergies between GANP and GASP



➤ Combined Synergies between GANP and Global Aviation Safety Plan (GASP)



- A 4 page document describes System of systems
- Explains development of Safety and Air Navigation Reports
- Informs update process for both GANP and GASP

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17

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Uniting Aviation on

Safety | Security | Environment

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