



International Civil Aviation Organization
ICAO Special Implementation Project (SIP) - Workshop on the development of a business case for the implementation of CNS/ATM systems
 Lima, Peru, 10 to 14 November 2008

AGENDA

Agenda Item 1:	Global ATM System: Framework	<ul style="list-style-type: none"> ▪ CNS/ATM systems ▪ Air Traffic Management ▪ Communications ▪ Navigation ▪ Surveillance
Agenda Item 2:	Global ATM System Implementation	<ul style="list-style-type: none"> ▪ Planning mechanism ▪ Performance based Planning and implementation ▪ Interoperability and Harmonization
Agenda Item 3:	Economics of air navigation services	<ul style="list-style-type: none"> ▪ Air navigation services charges and their collection ▪ ICAO policy on air navigation services charges ▪ Cost basis for air navigation services charges ▪ Performance management and results of (CEANS) ▪ International cooperation
Agenda Item 4:	Business case development	<ul style="list-style-type: none"> ▪ Definition ▪ Traffic forecast ▪ Economic assessment ▪ Cost/benefit analysis ▪ Organizational issues ▪ Financial analysis and funding ▪ Risk management
Agenda Item 5:	Hands-on exercises for the development of business case	<ul style="list-style-type: none"> ▪ Participation in practicum for the development of business case for the implementation of CNS/ATM Systems ▪ Group discussion ▪ Formulation of Recommendations
<p>The exercises will be conducted using the DFACS model which is an interactive and analytical tool that enables air navigation service providers (ANSPs) and airspace users to build, evaluate and compare the economics of alternative options or scenarios for the implementation of CNS/ATM Systems leading to a seamless global ATM system..</p>		
Agenda Item 6:	Future developments	<ul style="list-style-type: none"> ▪ Work programme of ICAO Panels. ▪ CAEP work programme – Environmental benefits of CNS/ATM systems ▪ Overview of emerging technologies

Reference Documents:

1. Development of business case for the implementation of CNS/ATM Systems – Guidance Material (available on the ICAO CAFEFA website).
2. CNS/ATM Data Database and Financial Analysis Computer System (DFACS) user’s manual (available on the ICAO CAFEFA website).
3. DFACS illustrative application (available on the ICAO CAFEFA website).
4. Global Air Traffic Management Operational Concept (ICAO Document 9854, available on ICAONET).
5. Global Air Navigation Plan (ICAO Document 9750, available on ICAONET).
6. Manual on Global Performance of the Air Navigation System (ICAO Document 9883, available on ICAONET).
7. Air Navigation Plan - Caribbean and South American Regions, Volume I - Basic ANP and Volume II — *FASID* (ICAO Document 8733, available on ICAONET).
8. National Plan for CNS/ATM System – Guidance Material (ICAO Circular 278).
9. Economics of Satellite-based Air Navigation Services (ICAO Circular 257).
10. ICAO’s Policies on Charges for Airports and Air Navigation Services (ICAO Document 9082, seventh edition).
11. Manual on Air Navigation Services (ANS) Economics (ICAO Document 9161, fourth edition).
12. Documentation of the Conference on the Economics of Airports and Air Navigation Services (CEANS): <http://www.icao.int/ceans/Docs.htm>.