



SIP/2009-WP/15  
Performance  
Framework

# **Performance based air navigation planning**

**~Approach to hands-on exercise ~**

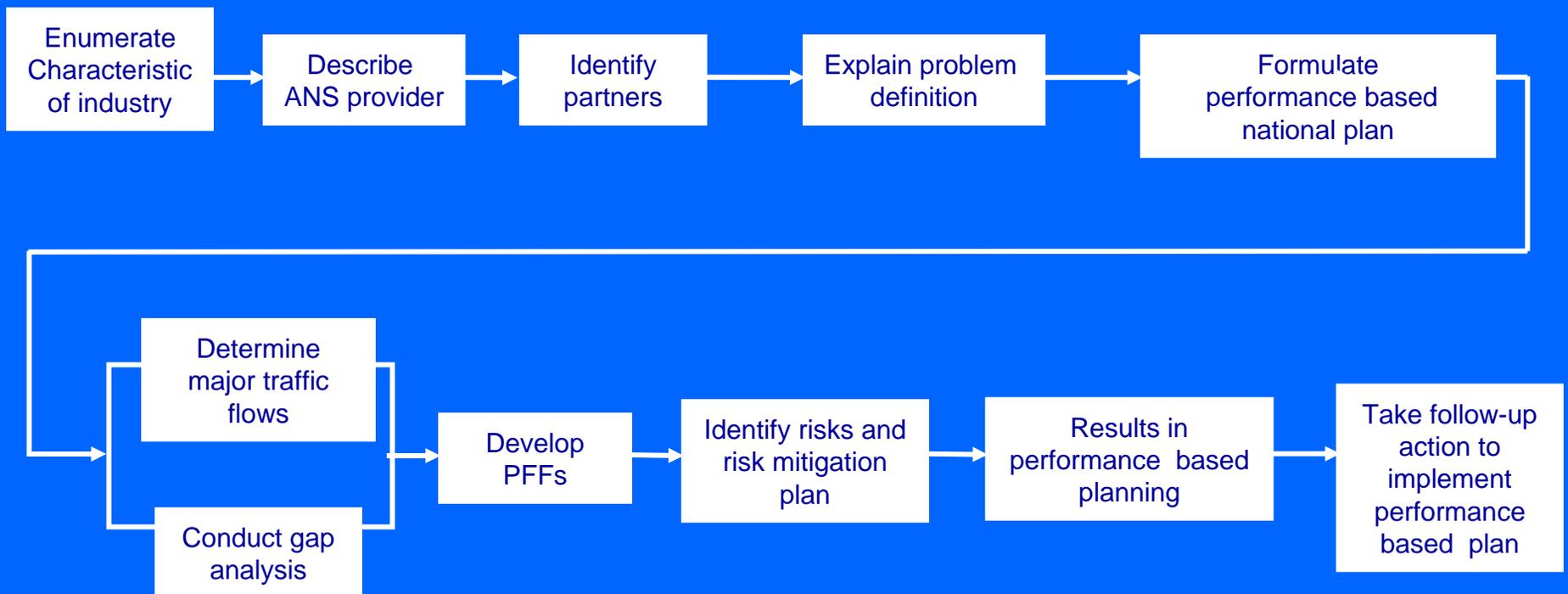
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**Workshop on the Development of  
National Performance Framework to achieve a  
Global ATM System  
(Mexico City, 6-10 July 2009)**

# Approach to developing performance based air navigation planning

## HANDS-ON EXERCISE



# Characteristics of the industry

- **Enumerate the current and projected growth of Air Traffic in your state and also identify, if any, the efficiency challenges in your State.**



# **Air navigation service provider**

- **Describe briefly the organization providing the air navigation services in your State including its institutional format, capital structure, principal shareholders and the management**



## **Major stakeholders/partners**

➤ **Identify the major stakeholders/partners such as the air navigation service providers, the airspace users (the commercial airlines using the airspace, business aviation, general aviation, military, etc.) and the potential funding sources.**



## **Problem definition**

- **The current conventional air navigation systems might have several limitations, which would depend on the State or the region concerned. List such limitations in your State.**



# **Performance based National Plan**

- **Develop performance based national plan on the basis of Global performance manual and global air navigation plan**



# Gap analysis

- **Establish national performance objectives for the air navigation infrastructure, list current air navigation systems and through gap analysis define near and medium term operational improvements.**



# **Determine the major traffic flows**

- **Define the geographical scope of the National Plan and determine the major traffic flows. Explain briefly the vision of your State for transition to Global ATM system**



# Performance framework forms (PFFs)

Using the standard approach, develop PFFs for different national performance objectives by determining relevant projects/tasks and ensuring the linkage to KPAs and GPIs.



# Risk Management

- **What are the risks identified for this National Plan and if any, briefly describe the risk mitigation plans.**



# Performance based planning

## Benefits

Seamlessness  
Cost-effectiveness  
Easy migration path  
Enhanced safety

**Resulting in an integrated  
global air traffic management system**



# Follow-up tasks

- Present the national ANP to the respective PIRG meeting
- Incorporate the relevant changes of the national plan in the regional air navigation plan



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