



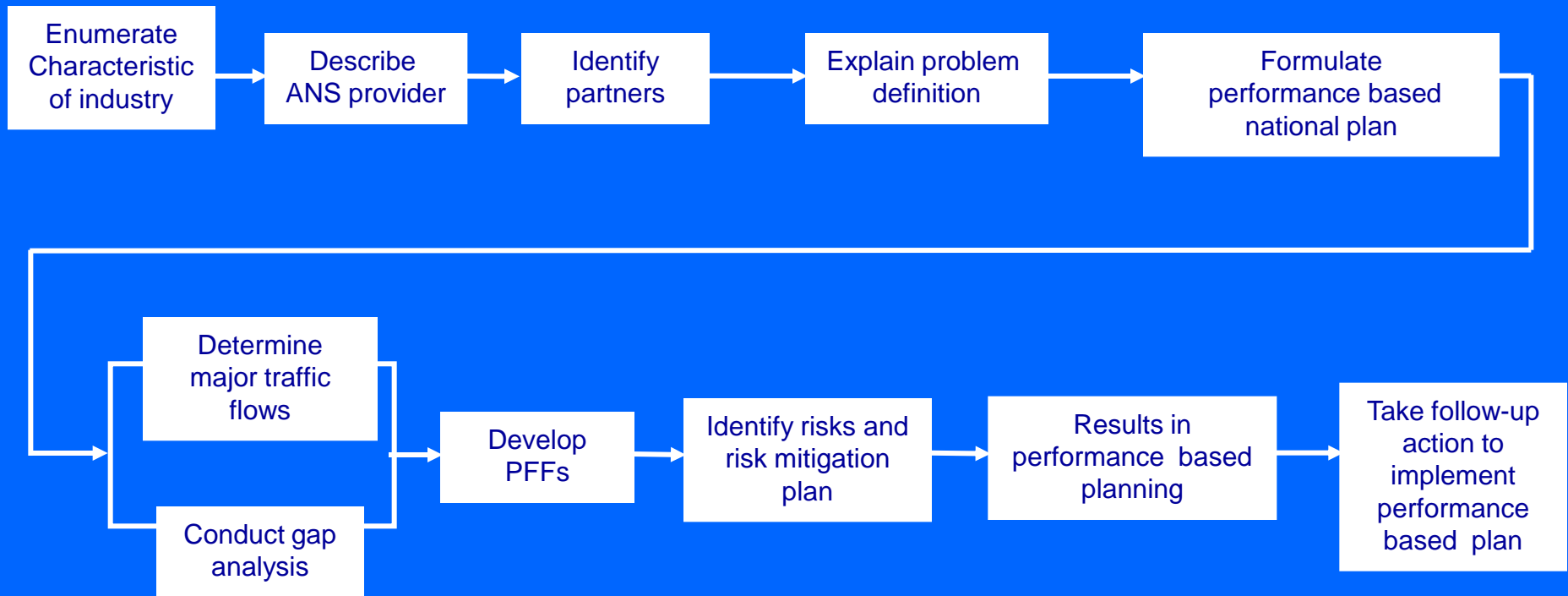
Performance based air navigation planning ~Approach to hands-on exercise ~

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**Workshop on the development of
National Performance Framework for
Air Navigation Systems
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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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