Qatar PBN Implementation – A Journey of Success

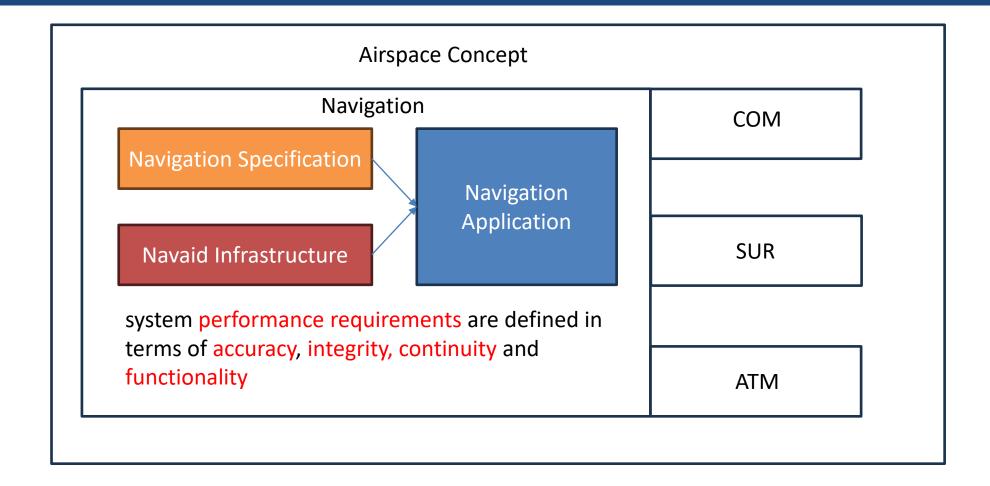
Enhancing Safety and Efficiency in Airspace

(Eight Meeting of the Performance Based Navigation Sub-group - PBN SG/8)

Doha, Qatar 12 – 13 December 2023 Air Navigation Department



PBN Concept



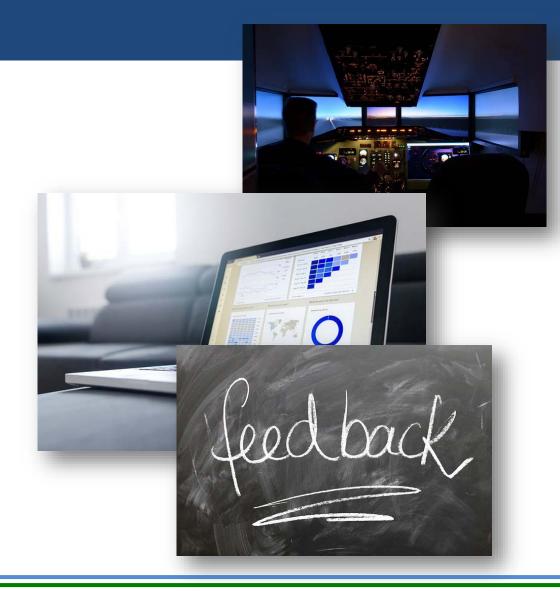


Journey

Implementation Plan **Validation** Design **Project** Data Pre-Peer Reviews Planning collection implementation review Setting FTS, RTS **PBN** Objectives Post Organize Specification **Implementation** resources **Airspace** Design Integration with Confirmation Concept Arrival/ **ATM System** with Safety CNS, ATM Departure/ Criteria Training/ (PBN Enablers) Approach **Awareness** Procedures **Finalize** Navigation **ATM Operational** Specification Design Instruction update

Key Success Factors

- Validation: Peer Reviews,
 FTS, RTS
- 2. **Planning:** Detailed Project document, well-structured project plan.
- 3. Stakeholder Engagement: in depth discussions, open to stakeholder insights



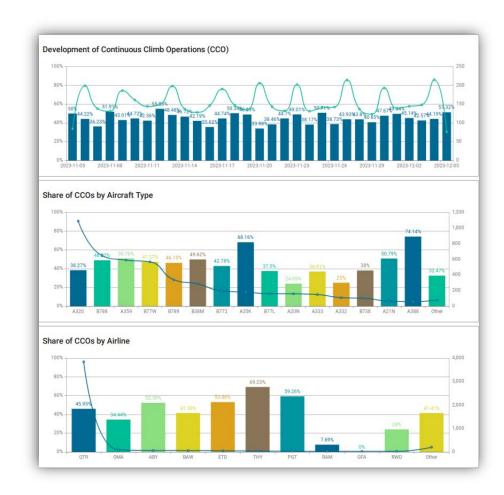
Key Success Factors

- 4. Adaptive Design Refinement:
 Design options are open for refinement based on Expert and Stakeholders.
- 5. Seamless Implementation: After pre-implementation review, forward move through organizing resources, ATM system integration, Training and Operational instructions update.



Key Success Factors

- 6. Post-Implementation Improvement:
 After implementation, carry out data collection and receive stakeholder feedback for planning changes for the improvements.
- 7. Strategic Flexibility: Overall adaptation of flexibility for evolving needs, which ensure implemented airspace design viability.



- THANK YOU -

