

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)

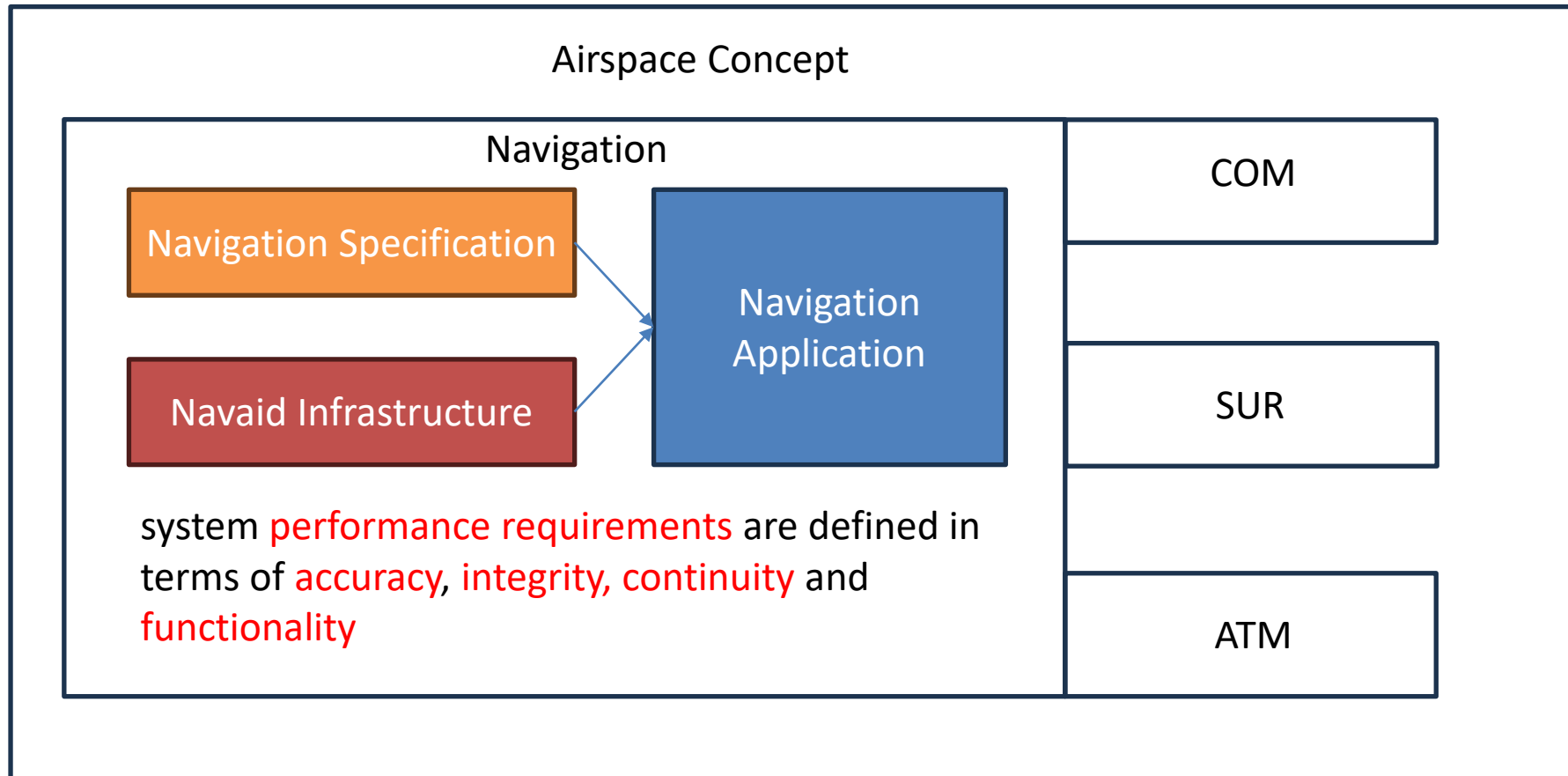
Doha, Qatar

12 – 13 December 2023

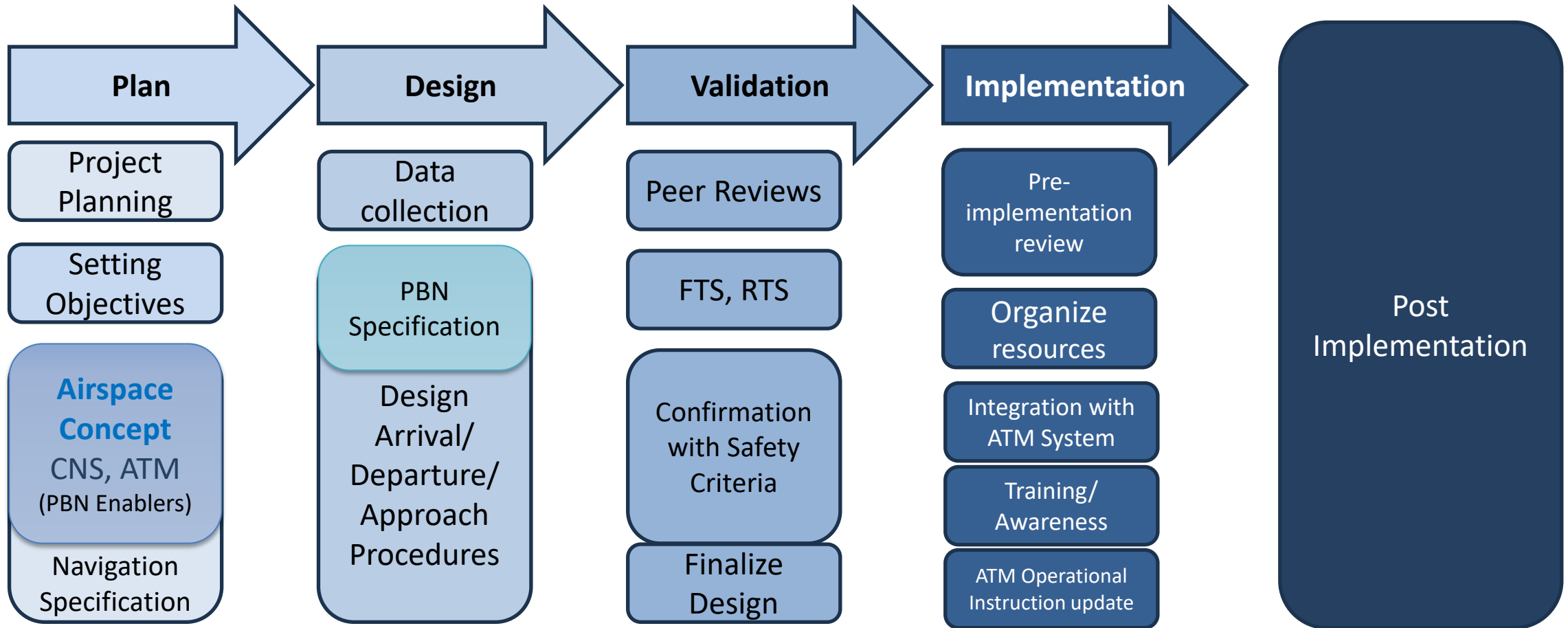
Air Navigation Department



PBN Concept



Journey



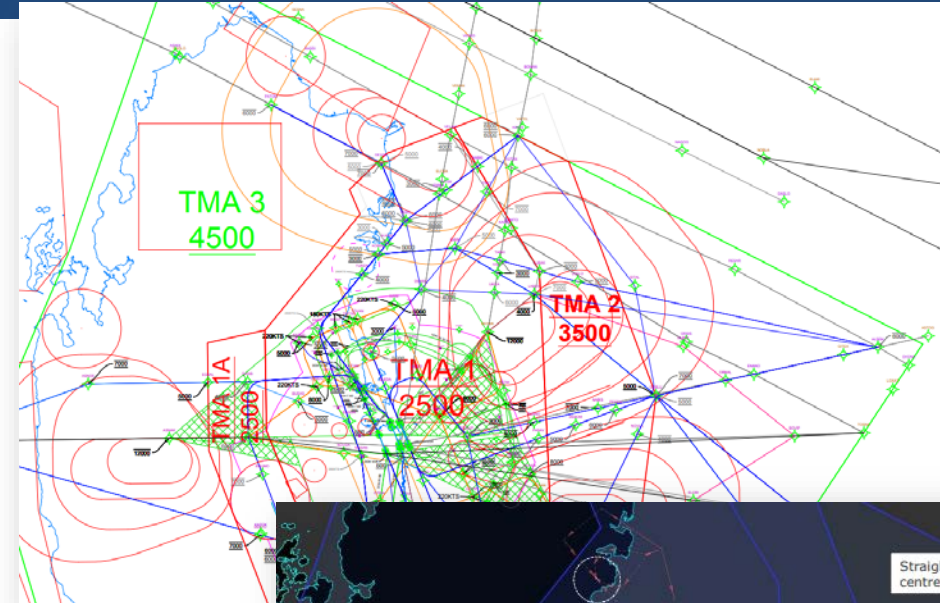
Key Success Factors

1. **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

- Adaptive Design Refinement:** Design options are open for refinement based on Expert and Stakeholders.
- 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 -