

ICNS2025

Plenary II CNS Incentivization How to Accelerate Voluntary Deployment

Manuel García Martín
April 2025





- ❑ CNS Regional Plans aligned with Global Air Navigation Plan (GANP) establishes a number of strategic deployment objectives striving for greater safety and security of future CNS systems, efficiency, increase capacity, sustainability and resilience.
- ❑ Recent technological advancements are driving innovation through a more efficient and flexible CNS service delivery model. They cover functionalities that need to be rolled out between 2025 and 2035.
- ❑ Transition to an enhanced service delivery model for CNS, built on standardized architectures and open interfaces, promoting innovation and interoperability, allowing seamless collaboration among stakeholders.
- ❑ Multiple aeronautical stakeholders involved in CNS evolution: ANSPs, airlines, airports, military, avionics manufacturers, CNS systems manufactures,...
- ❑ Strategies and priorities for CNS evolution could be different for each aeronautical stakeholders.
- ❑ Trend to decouple service and infrastructure layers for greater flexibility in designing and deploying operational functionalities.

IDEAS FOR PROMOTING HOMOGENEOUS CNS EVOLUTION AND ACCELERATING DEPLOYMENT



- ❑ Incentive early implementations with financial fundings and operational benefits.
- ❑ Enhance coordination between aeronautical stakeholders to assure homogeneous implementation of CNS evolution.
- ❑ Support of regional programs with clear responsible in each aeronautical stakeholder to monitor the implementation of the defined CNS evolution strategy, identifying deviations in very initial stages and analyzing potential measures to be implemented to re-conduct the situation.
- ❑ Need to promote more standardization and a practical criterion for certification so as not to generate more administrative time.
- ❑ Analyze how to organize the role of the ATSEP and the training it requires. They cannot be trained in all the new technologies, so we will have to see how to combine external services with the responsibility of the ATSEP.

Manuel García Martín

TF: +34 606619085

Email: mangarcia@enaire.es