



## Solution PJ.01-W2-01 — Next generation AMAN for 4D environment

*This key R&D activity will provide enhancements to the arrival management systems and procedures in the context of digitalization in ATM: uplink of AMAN constraints, uplink of a STAR or custom arrival route to the aircraft via ATN B2 from the ATSU, potential use of maximum descent speeds, etc. It investigates strategies to increase the use of managed/automatic mode for flights handled by TTL/TTG during sequencing, improved consideration of downlinked aircraft data by AMAN algorithms, use of machine learning for the refinement of AMAN algorithms, etc.*

**Program** SESAR 2020 Wave 2

**Need for coordination** -

**Related to** -

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** 31-12-2022

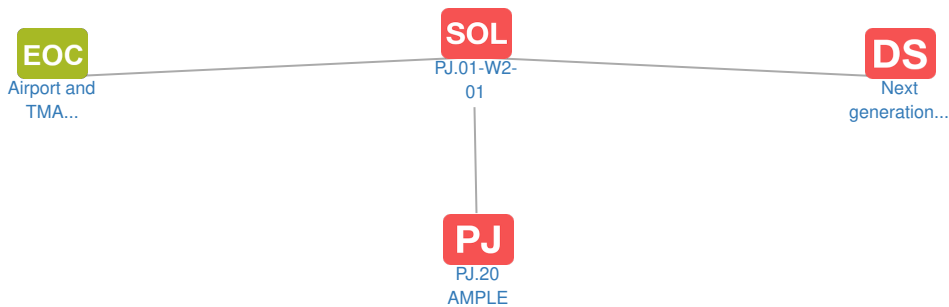
**Deployment Start Date** -

**Benefits Start Date (IOC)** -

**Full Benefit Date (FOC)** -

### Context

#### Related Elements





Operating Environments: No associated data



Phases: No associated data



### SESAR Projects

Code	Title	Related Elements
PJ.20 AMPLE	ATM Master Plan Maintenance	SOL



Operational Improvement Steps / Enablers: No associated data



PCP Elements: No associated data



Implementation Objectives: No associated data



ICAO Block Modules: No associated data