OBJ

Implementation Objectives

Edition 2022

Agreed set of common actions to be taken by stakeholders to implement OI steps that have reached the appropriate level of maturity. Together they constitute the engineering view of the European ATM Master Plan Level 3 - Implementation Plan.

Display Options

Filter by Related Element ❓

🌐 SOL OI EN PCP ICAO

STK Stakeholders

Aeronautical Information Service Provider

ICAO ICAO Blocks

Block 0

Code	Title	Start Date	Finish Date	Status	Related Elements
AOM13.1	Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling	01-01-2012	31-12-2018	Active	🌐 STK SOL OI EN
AOM19.4	Management of Predefined Airspace Configurations	01-01-2018	31-12-2022	Active	🌐 STK ICAO
AOM19.5	ASM and A-FUA	01-01-2014	31-12-2022	Active	
AOM21.1	Direct Routing	01-01-2015	31-12-2017	Achieved	🌐 STK SOL OI PCP ICAO
AOM21.2	Initial Free Route Airspace	01-01-2015	31-12-2022	Active	🌐 STK SOL OI PCP ICAO
AOM21.3	Enhanced Free Route Airspace Operations	01-01-2021	31-12-2025	Active	
AOP04.1	Advanced Surface Movement Guidance and Control System A-SMGCS Surveillance Service (former ICAO Level 1)	01-01-2007	31-12-2020	Active	🌐 STK SOL OI EN ICAO
AOP04.2	Advanced Surface Movement Guidance and Control System (A-SMGCS) Runway Monitoring and Conflict Alerting (RMCA) (Airport Safety Support Service = former ICAO Level 2)	01-01-2021	31-12-2025	Active	🌐 STK OI EN ICAO
AOP05	Airport Collaborative Decision Making (A-CDM)	01-01-2004	31-12-2020	Active	🌐 STK SOL OI PCP ICAO
AOP10	Time-Based Separation	01-01-2015	31-12-2023	Active	🌐 STK SOL OI PCP ICAO
AOP11	Initial Airport Operations Plan	01-01-2015	01-01-2021	Removed	🌐 STK SOL OI PCP ICAO
AOP11.1	Initial Airport Operations Plan	01-01-2021	31-12-2023	Active	
AOP11.2	Extended Airport Operations Plan	01-01-2021	31-12-2027	Active	
AOP12	Improve Runway and Airfield Safety with Conflicting ATC Clearances (CATC) Detection and Conformance Monitoring Alerts for Controllers (CMAC)	01-01-2015	01-01-2021	Removed	🌐 STK SOL OI EN PCP ICAO
AOP12.1	Airport Safety Nets	01-01-2021	31-12-2025	Active	

Code	Title	Start Date	Finish Date	Status	Related Elements
AOP13	Automated Assistance to Controller for Surface Movement Planning and Routing	01-01-2016	31-12-2025	Active	🌐 STK SOL OI PCP ICAO
AOP14.1	Remote Tower Services	31-05-2019	01-01-2030	Active	🌐 STK SOL OI ICAO
AOP14.2	Multiple Remote Tower Module	01-07-2022	31-12-2030	Initial	
AOP15	Enhanced traffic situational awareness and airport safety nets for the vehicle drivers	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
AOP16	Guidance assistance through airfield ground lighting	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
AOP17	Provision/integration of departure planning information to NMOC	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
AOP18	Runway Status Lights (RWSL)	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
AOP19	Departure Management Synchronised with Pre-departure sequencing	01-01-2021	31-12-2022	Active	
AOP20	Wake Turbulence Separations for Departures based on Static Aircraft Characteristics (S-PWS-D)	01-01-2020	31-12-2030	Initial	
AOP21	Wake Turbulence Separations for Arrivals based on Static Aircraft Characteristics (S-PWS-A)	01-01-2020	31-12-2030	Initial	
AOP22	Minimum pair separations based on RSP	01-01-2020	31-12-2030	Initial	
AOP23	Integrated runway sequence for full traffic optimization on single and multiple runway airports	01-01-2020	31-12-2030	Initial	
AOP24	Optimised use of runway configuration for multiple runway airports	01-01-2020	31-12-2030	Initial	
AOP25	De-icing management tool	01-07-2022	31-12-2030	Active	
AOP26	Reduced separation based on local Runway Occupancy Time (ROT) characterisation	01-07-2022	31-12-2030	Active	
ATC02.8	Ground-Based Safety Nets	01-01-2009	31-12-2021	Active	🌐 STK OI ICAO
ATC02.9	Short Term Conflict Alert (STCA) for TMAs	01-01-2018	31-12-2020	Achieved	🌐 STK SOL OI ICAO
ATC07.1	AMAN Tools and Procedures	01-01-2007	31-12-2019	Active	🌐 STK SOL OI ICAO
ATC12.1	Automated Support for Conflict Detection, Resolution Support Information and Conformance Monitoring	01-01-2015	31-12-2021	Active	🌐 STK SOL OI ICAO
ATC15.1	Information Exchange with En-route in Support of AMAN	01-01-2012	31-12-2019	Active	🌐 STK OI ICAO
ATC15.2	Arrival Management Extended to En-route Airspace	01-01-2021	31-12-2024	Active	🌐 STK SOL OI PCP ICAO
ATC16	Implement ACAS II compliant with TCAS II change 7.1	01-03-2012	31-12-2015	Achieved	STK EN ICAO
ATC18	Multi-Sector Planning En-route - 1P2T	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
ATC19	AMAN/DMAN Integration	01-01-2021	31-12-2027	Active	🌐 STK SOL OI
ATC20	Enhanced STCA with down-linked parameters via Mode S EHS	31-05-2019	01-01-2030	Active	🌐 STK SOL OI
ATC21	Composite surveillance (ADS-B/WAM)	15-09-2020	31-12-2030	Initial	
ATC22	Initial Air-Ground Trajectory Information Sharing (Airborne Domain)	01-01-2024	31-12-2027	Initial	
ATC23	Initial Air-Ground Trajectory Information Sharing (Ground Domain)	01-01-2024	31-12-2027	Initial	
ATC24	Network Manager Trajectory Information Enhancement	01-01-2024	31-12-2027	Initial	
ATC25	Initial Trajectory Information Sharing ground distribution	01-01-2024	31-12-2027	Initial	
ATC26	Point Merge in complex TMA	01-07-2022	31-12-2030	Active	
COM10.1	Migrate from AFTN to AMHS (Basic service)	01-12-2011	31-12-2018	Achieved	

Source: European ATM Portal - **Report produced:** 22-12-2024 - **Date refresh:** 28-09-2023
EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022
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Code	Title	Start Date	Finish Date	Status	Related Elements
COM10.2	Extended AMHS	01-12-2011	31-12-2024	Active	
COM11.1	Voice over Internet Protocol (VoIP) in En-Route	01-01-2013	31-12-2021	Active	🌐 STK EN
COM11.2	Voice over Internet Protocol (VoIP) in Airport/Terminal	01-01-2013	31-12-2023	Active	🌐 STK EN
COM12	New Pan-European Network Service (NewPENS)	01-01-2018	Multiple	Active	🌐 STK EN ICAO
COM13	Air Traffic Services (ATS) datalink using SatCom Class B	01-07-2022	31-12-2030	Active	
ENV01	Continuous Descent Operations (CDO)	01-07-2007	31-12-2023	Active	🌐 STK SOL OI ICAO
ENV02	Airport Collaborative Environmental Management	31-05-2018	01-01-2030	Active	🌐 STK OI
ENV03	Continuous Climb Operations (CCO)	01-01-2013	01-01-2030	Active	🌐 STK OI ICAO
FCM01	Implement enhanced tactical flow management services	01-08-2001	31-12-2006	Achieved	🌐 STK OI ICAO
FCM03	Collaborative Flight Planning	01-01-2000	31-12-2022	Active	🌐 STK OI ICAO
FCM04.2	Enhanced Short Term ATFCM Measures	01-11-2017	31-12-2022	Active	🌐 STK SOL OI EN PCP
FCM06.1	Automated Support for Traffic Complexity Assessment and Flight Planning interfaces	01-01-2021	31-12-2022	Active	
FCM09	Enhanced ATFM Slot Swapping	01-01-2016	31-12-2021	Achieved	🌐 STK SOL OI ICAO
FCM10	Interactive Rolling NOP	01-01-2021	31-12-2023	Active	
FCM11.1	Initial AOP/NOP Information Sharing	01-01-2021	31-12-2023	Active	
FCM11.2	AOP/NOP integration	01-01-2021	31-12-2027	Active	
INF07	Electronic Terrain and Obstacle Data (eTOD)	01-11-2014	31-12-2018	Active	🌐 STK EN
INF09	Digital Integrated Briefing	31-05-2019	-	Removed	🌐 STK SOL OI
INF10.10	Meteorological Information Exchange - Aerodrome Meteorological information Service	01-01-2021	31-12-2025	Active	
INF10.11	Meteorological Information Exchange - En-Route and Approach Meteorological information service	01-01-2021	31-12-2025	Active	
INF10.12	Meteorological Information Exchange - Network Meteorological Information	01-01-2021	31-12-2025	Active	
INF10.13	Cooperative Network Information Exchange - ATFCM Tactical Updates Service (Airport Capacity and Enroute)	01-01-2021	31-12-2025	Active	
INF10.14	Cooperative Network Information Exchange – Flight Management Service (Slots and NOP/AOP integration)	01-01-2021	31-12-2025	Active	
INF10.15	Cooperative Network Information Exchange – Measures Service (Traffic Regulation)	01-01-2021	31-12-2025	Active	
INF10.16	Cooperative Network Information Exchange - Short Term ATFCM Measures services (MCDM, eHelpdesk, STAM measures)	01-01-2021	31-12-2025	Active	
INF10.17	Cooperative Network Information Exchange – Counts service (ATFCM Congestion Points)	01-01-2021	31-12-2025	Active	
INF10.18	Flight Information Exchange (Yellow Profile) - Filing Service	01-01-2021	31-12-2025	Active	
INF10.19	Flight Information Exchange (Yellow Profile) - Flight Data Request Service	01-01-2021	31-12-2025	Active	
INF10.2	Stakeholders' SWIM PKI and cyber security	01-01-2021	31-12-2025	Active	
INF10.20	Flight Information Exchange (Yellow Profile) - Notification Service	01-01-2021	31-12-2025	Active	
INF10.21	Flight Information Exchange (Yellow Profile) - Data Publication Service	01-01-2021	31-12-2025	Active	
INF10.22	Flight Information Exchange (Yellow Profile) - Trial Service	01-01-2021	31-12-2025	Active	
INF10.23	Flight Information Exchange (Yellow Profile) - Extended AMAN SWIM Service	01-01-2021	31-12-2025	Active	
INF10.3	Aeronautical Information Exchange - Airspace structure service	01-01-2021	31-12-2025	Active	
INF10.4	Aeronautical Information Exchange - Airspace Availability Service	01-01-2021	31-12-2025	Active	
INF10.5	Aeronautical Information Exchange - Airspace Reservation (ARES)	01-01-2021	31-12-2025	Active	
INF10.6	Aeronautical Information Exchange – Digital NOTAM service	01-01-2021	31-12-2025	Active	
INF10.7	Aeronautical Information Exchange - Aerodrome mapping service	01-01-2021	31-12-2025	Active	
INF10.8	Aeronautical Information Exchange - Aeronautical Information Features service	01-01-2021	31-12-2025	Active	

Code	Title	Start Date	Finish Date	Status	Related Elements
INF10.9	Meteorological Information Exchange - Volcanic Ash Mass Concentration information service	01-01-2021	31-12-2025	Active	
INF11.1	Enhanced Ground Weather Management System (GWMS) as local 4DWxCube	01-07-2022	31-12-2030	Initial	
INF11.2	Cb-global capability and service	01-07-2022	31-12-2030	Initial	
ITY-ACID	Aircraft Identification	13-12-2011	02-01-2020	Active	`🌐` `STK` `EN`
ITY-AGDL	Initial ATC Air-Ground Data Link Services	06-02-2009	Multiple	Active	`🌐` `STK` `OI` `ICAO`
ITY-AGVCS2	8,33 kHz Air-Ground Voice Channel Spacing below FL195	07-12-2012	Multiple	Active	`🌐` `STK` `EN`
ITY-COTR	Implementation of ground-ground automated co-ordination processes	27-07-2006	Multiple	Achieved	`🌐` `STK` `SOL` `OI` `ICAO`
ITY-FMTP	Common Flight Message Transfer Protocol (FMTP)	28-06-2007	Multiple	Active	`🌐` `STK` `EN` `ICAO`
NAV03.1	RNAV 1 in TMA Operations	01-01-2001	Multiple	Active	`🌐` `STK` `SOL` `OI` `EN` `ICAO`
NAV03.2	RNP 1 in TMA Operations	07-08-2018	Multiple	Active	`🌐` `STK` `SOL` `OI` `PCP` `ICAO`
NAV10	RNP Approach Procedures to instrument RWY	01-06-2011	Multiple	Active	`🌐` `STK` `SOL` `OI` `EN` `ICAO`
NAV11	Implement precision approach procedures using GBAS CAT II/III based on GPS L1	31-05-2019	-	Removed	`🌐` `STK` `SOL` `OI`
NAV11.1	Implement precision approach procedures using GBAS CAT II based on GAST C	01-07-2022	31-12-2030	Active	
NAV11.2	Implement precision approach procedures using GBAS CAT II/III based on GPS L1 and/or GALILEO E1	01-07-2022	31-12-2030	Initial	
NAV12	ATS IFR Routes for Rotorcraft Operations	01-08-2018	Multiple	Active	`🌐` `STK` `SOL` `OI` `ICAO`
SAF10.1	Implement measures to reduce the risk to aircraft operations caused by airspace infringements	01-07-2022	31-12-2030	Active	
SAF11	Improve Runway Safety by Preventing Runway Excursions	01-09-2013	31-01-2018	Removed	`STK` `EN`
SAF11.1	Improve Runway Safety by Preventing Runway Excursions	01-07-2022	31-12-2030	Active	