



Implementation Objectives

Edition 2019

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



Stakeholders

Aeronautical Information Service Provider — Aeronautics Industry — Air Navigation Service Provider — Airport Operator — Airspace Users — EUROCONTROL Agency (non Network Manager) — International Organisations and Regional Bodies — Meteorological Service Provider — Military — Network Manager — Regulator
















ICAO Blocks

Block 0 — Block 1 — Block 2 — Block 3

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	
AOM19.1	ASM Support Tools to Support Advanced FUA (AFUA)	01-01-2011	31-12-2018	Active	
AOM19.2	ASM Management of Real-Time Airspace Data	01-01-2017	31-12-2021	Active	
AOM19.3	Full Rolling ASM/ATFCM Process and ASM Information Sharing	01-01-2014	31-12-2021	Active	
AOM19.4	Management of Pre-defined Airspace Configurations	01-01-2018	31-12-2021	Active	
AOM21.1	Direct Routing	01-01-2015	31-12-2017	Achieved	
AOM21.2	Free Route Airspace	01-01-2015	31-12-2021	Active	
AOP04.1	Advanced Surface Movement Guidance and Control System A-SMGCS Surveillance (former Level 1)	01-01-2007	31-12-2011	Active	
AOP04.2	Advanced Surface Movement Guidance and Control System (A-SMGCS) Runway Monitoring and Conflict Alerting (RMCA) (former Level 2)	01-01-2007	31-12-2017	Active	
AOP05	Airport Collaborative Decision Making (A-CDM)	01-01-2004	31-12-2016	Active	
AOP10	Time-Based Separation	01-01-2015	31-12-2023	Active	
AOP11	Initial Airport Operations Plan	01-01-2015	31-12-2021	Active	

Code	Title	Start Date	Finish Date	Status	Related Elements
AOP12	Improve Runway and Airfield Safety with Conflicting ATC Clearances (CATC) Detection and Conformance Monitoring Alerts for Controllers (CMAC)	01-01-2015	31-12-2020	Active	      
AOP13	Automated Assistance to Controller for Surface Movement Planning and Routing	01-01-2016	31-12-2023	Active	     
AOP14	Remote Tower Services	31-05-2019	01-01-2030	Active	    
AOP15	Enhanced traffic situational awareness and airport safety nets for the vehicle drivers	31-05-2019	01-01-2030	Active	   
AOP16	Guidance assistance through airfield ground lighting	31-05-2019	01-01-2030	Active	   
AOP17	Provision/integration of departure planning information to NMOC	31-05-2019	-	Active	   
AOP18	Runway Status Lights (RWSL)	31-05-2019	01-01-2030	Active	   
ATC02.8	Ground-Based Safety Nets	01-01-2009	31-12-2016	Active	   
ATC02.9	Short Term Conflict Alert (STCA) for TMAs	01-01-2018	31-12-2020	Active	    
ATC07.1	AMAN Tools and Procedures	01-01-2007	31-12-2019	Active	    
ATC12.1	Automated Support for Conflict Detection, Resolution Support Information and Conformance Monitoring	01-01-2015	31-12-2021	Active	    
ATC15.1	Information Exchange with En-route in Support of AMAN	01-01-2012	31-12-2019	Active	   
ATC15.2	Arrival Management Extended to En-route Airspace	01-01-2015	31-12-2023	Active	     
ATC16	Implement ACAS II compliant with TCAS II change 7.1	01-03-2012	31-12-2015	Achieved	  
ATC17	Electronic Dialogue as Automated Assistance to Controller during Coordination and Transfer	01-01-2013	31-12-2018	Active	   
ATC18	Multi-Sector Planning En-route - 1P2T	31-05-2019	01-01-2030	Active	   
ATC19	Enhanced AMAN-DMAN integration	31-05-2019	01-01-2030	Active	   
ATC20	Enhanced STCA with down-linked parameters via Mode S EHS	31-05-2019	01-01-2030	Active	   
COM10	Migrate from AFTN to AMHS	01-12-2011	31-12-2018	Active	  
COM11.1	Voice over Internet Protocol (VoIP) in En-Route	01-01-2013	31-12-2021	Active	  
COM11.2	Voice over Internet Protocol (VoIP) in Airport/Terminal	01-01-2013	31-12-2023	Active	  
COM12	New Pan-European Network Service (NewPENS)	01-01-2018	Multiple	Active	   
ENV01	Continuous Descent Operations (CDO)	01-07-2007	31-12-2023	Active	    

Code	Title	Start Date	Finish Date	Status	Related Elements
ENV02	Airport Collaborative Environmental Management	31-05-2018	01-01-2030	Active	
ENV03	Continuous Climb Operations (CCO)	01-01-2013	01-01-2030	Active	
FCM01	Implement enhanced tactical flow management services	01-08-2001	31-12-2006	Achieved	
FCM03	Collaborative Flight Planning	01-01-2000	31-12-2017	Active	
FCM04.2	Short Term ATFCM Measures (STAM) - Phase 2	01-11-2017	31-12-2021	Active	
FCM05	Interactive Rolling NOP	01-09-2013	31-12-2021	Active	
FCM06	Traffic Complexity Assessment	01-01-2015	31-12-2021	Active	
FCM07	Calculated Take-off Time (CTOT) to Target Times for ATFCM Purposes	01-01-2017	31-12-2021	Initial	
FCM08	Extended Flight Plan	01-01-2016	31-12-2021	Active	
FCM09	Enhanced ATFM Slot Swapping	01-01-2016	31-12-2021	Active	
INF07	Electronic Terrain and Obstacle Data (eTOD)	01-11-2014	31-05-2018	Active	
INF08.1	Information Exchanges using the SWIM Yellow TI Profile	01-01-2018	31-12-2024	Active	
INF08.2	Information Exchanges using the SWIM Blue TI Profile	01-06-2018	31-12-2024	Initial	
INF09	Digital Integrated Briefing	31-05-2019	-	Initial	
ITY-ACID	Aircraft Identification	13-12-2011	02-01-2020	Active	
ITY-ADQ	Ensure Quality of Aeronautical Data and Aeronautical Information	16-02-2010	Multiple	Active	
ITY-AGDL	Initial ATC Air-Ground Data Link Services	06-02-2009	Multiple	Active	
ITY-AGVCS2	8,33 kHz Air-Ground Voice Channel Spacing below FL195	07-12-2012	Multiple	Active	
ITY-COTR	Implementation of ground-ground automated co-ordination processes	27-07-2006	Multiple	Achieved	
ITY-FMTP	Common Flight Message Transfer Protocol (FMTP)	28-06-2007	Multiple	Active	
ITY-SPI	Surveillance Performance and Interoperability	13-12-2011	Multiple	Active	
NAV03.1	RNAV 1 in TMA Operations	01-01-2001	Multiple	Active	
NAV03.2	RNP 1 in TMA Operations	07-08-2018	Multiple	Active	

Code	Title	Start Date	Finish Date	Status	Related Elements
NAV10	RNP Approach Procedures to instrument RWY	01-06-2011	Multiple	Active	     
NAV11	Implement precision approach procedures using GBAS CAT II/III based on GPS L1	31-05-2019	-	Initial	   
NAV12	ATS IFR Routes for Rotorcraft Operations	01-08-2018	Multiple	Active	    
SAF11	Improve Runway Safety by Preventing Runway Excursions	01-09-2013	31-01-2018	Active	