AOP01.2 — Implement airside capacity enhancement method and best practices based on Eurocontrol capacity and efficiency implementation manual

Implement a collaborative capacity enhancement method that releases possible airside capacity improvement areas, to enable the implementation of suitable European best practices to unlock latent airside capacity.

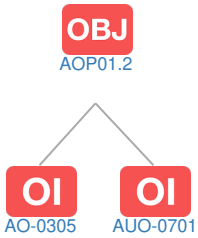
(1). This objective cancels and replaces the previous AOP01 on the basis of new developments in this area.

Note: (2). The actions described in this objective are due to be renewed annually after the first implementation, planned for deployment at listed airports on 12/2007.

Edition	2022
Stakeholders	Air Navigation Service Provider / Airport Operator / Airspace Users
Type	SESAR
Scope	Airport
Status	Achieved

Context

Related Elements



Applicability Area(s) and Timescales

Applicability Area: See list of airports in MP Level 3 Implementation Plan - Annexes

Timescales	From	By	Applicable to
Initial operational capability	01-01-2007	-	Applicability Area
Full operational capability	-	31-12-2013	Applicability Area

Links to ATM Master Plan Level 2

OI Operational Improvment Steps

Code	Title	IOC	FOC	Related Elements
AO-0305	Additional Rapid Exit Taxiways (RET) and Entries	-	-	OBJ
AUO-0701	Use of Runway Occupancy Time (ROT) Reduction Techniques	-	-	OBJ

SOL Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

PCP Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO Block Modules: No associated data

References

Applicable legislation
None
Applicable ICAO Annexes and other references
ICAO Annex 11 - Air Traffic Services

ICAO Annex 14 - Aerodromes
Deployment Programme 2022
-
Operating Environments
Airport
Terminal Airspace

Expected Performance Benefits

Safety	Safer operations following harmonised and more predictable aircraft operations on the movement area.
Capacity	Increase in overall airside capacity due to higher efficiency of aircraft operations.
Operational efficiency	-
Cost efficiency	Savings on costs through more efficient surface operations.
Environment	Direct benefit from less taxi and ground and airborne holding time for individual aircraft, thus reducing noise and emissions. Better use of existing infrastructure minimising the need for additional development.
Security	N/A

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Participate in the local ACE Steering Group	01-01-2007	31-12-2011	
ASP02	Facilitate the involvement of operational ATCOs in the Forums	01-05-2007	31-08-2011	
ASP03	Approve and Implement the locally defined action plan	01-05-2007	31-08-2011	
APO01	Establish an Airside Capacity Enhancement (ACE) Steering Group	01-01-2007	31-12-2011	
APO02	Conduct annual capacity assessment	01-03-2007	31-08-2011	
APO03	Collect and analyse capacity and performance data	01-05-2007	31-08-2011	
APO04	Facilitate forums with pilots and ATCOs	01-05-2007	31-08-2011	
APO05	Develop and Implement a commonly agreed local action plan	01-05-2007	31-08-2011	
APO06	Develop and widely distribute yearly a capacity enhancement awareness leaflet in accordance with the action plan	01-05-2007	31-08-2011	
APO07	Airports to provide the Agency with accurate updated airport data sheet to be used in the EUROCONTROL Network Capacity Planning function.	01-05-2007	31-12-2011	
USE01	Participate in the local ACE Steering Group	01-01-2007	31-12-2011	
USE02	Facilitate the involvement of operational pilots in the Forums	01-05-2007	31-08-2011	
USE03	Approve and Implement the locally defined action plan	01-05-2007	31-12-2013	
AGY01	Develop and make available the PIATA Plus tool	FINALISED		
AGY02	Maintain models as required	FINALISED		

Supporting Material

Title	Related SLoAs
EUROCONTROL - Airside Capacity Enhancement (ACE) Implementation Manual - Edition 1.0 / 10/2003 -	APO01, APO02, APO03, APO04, APO05, APO06, APO07, ASP01, ASP02, ASP03, USE01, USE02, USE03

Consultation & Approval

Working Arrangement in charge	Airport Operations Team (AOT)
Outline description approved in	-
Latest objective review at expert level	04/2012
Commitment Decision Body	Provisional Council (PC)
Objective approved/endorsed in	07/2010
Latest change to objective approved/endorsed in	07/2013