



# METEO-03 — Provision and monitoring of real-time airport weather information (PCP)

ATM-MET ground based sub-system dedicated to acquire, collect, combine, provide and monitor Meteorological (MET) information from real time sensors (in situ and remote sensing) relevant for the Airport/TMA operational environment including wake turbulence applications and other operations that are more sensitive for wind such as time-based separation and curved approaches. This ATM-MET ground based sub-system enables ATM-MET systems or ATM systems directly by providing real time MET sensor information in a SWIM compliant manner or via direct provision of the legacy / native sensor data feed(s).

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil MET Service Provider

*Military*

Military MET Service Provider

**Airport Operator**

*Civil*

Civil APT operator

*Military*

Military APT operator

**Airspace User**

*Civil*

Civil Scheduled Aviation

**V3 End** 31-12-2016

**V4 Start** 31-12-2016

**V5 Start** 31-12-2018

**V4 End** 31-12-2018

**V5 End** 31-12-2020

**Air Navigation Service Provider: 31-12-2020**

*Civil*

Civil MET Service Provider: 31-12-2020

*Military*

Military MET Service Provider: 31-12-2020

**Airport Operator: 31-12-2020**

*Civil*

Civil APT operator: 31-12-2020

*Military*

Military APT operator: 31-12-2020

**Airspace User: 31-12-2020**

*Civil*

Civil Scheduled Aviation: 31-12-2020

**IOC** 01-07-2022

**FOC** 01-07-2026

## Context

### Related Elements



  
Enhanced  
MET  
Sensors

  
Standard  
MET  
Sensors

  
AP-OPR-  
CIV

  
AP-OPR-  
MIL

  
AU-CIV-SA

## OI Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																										
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
METEO-03																											
🔒 AO-0304																											
🔒 AO-0309																											
🔒 AO-0310																											
🔒 AO-0328																											
🔒 AO-0329																											
🔒 AO-0803																											
🔒 MET-0101																											
➔ AO-0801-A																											
➔ TS-0302																											

## EN Dependent Enablers

Relationship	Code	Title	Related Elements
Enabling	APP ATC 99	ATC System to use Real-Time Meteo Information Received From Met Systems	STK OI EN DS
Enabled by	METEO-08b	All-weather remote sensing of high resolution 3D aerodrome wind field	STK OI EN DS PCP ⚙️

## PCP PCP Elements

Code	Title	Related Elements
S-AF5.4	Meteorological information exchange	SOL OI EN OBJ ICAO

## STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-MET	Civil MET Service Provider	EN 👤 ⚙️
ANSP-MIL-MET	Military MET Service Provider	EN 👤 ⚙️
AO	Airport Operator	EN
AP-OPR-CIV	Civil APT operator	EN 👤 ⚙️
AP-OPR-MIL	Military APT operator	EN 👤 ⚙️
AU	Airspace User	EN
AU-CIV-SA	Civil Scheduled Aviation	EN 👤 ⚙️



Standards: No associated data



Implementation Objectives: No associated data



Stakeholder Lines of Action (SLoAs): No associated data



SESAR Workpackages: No associated data