



METEO-04c — Generate and provide MET information relevant for Airport and approach related operations at short notice ('time to decision' between 3 minutes and 7days) including rotorcraft and RPAS

The ATM-MET system is acquiring, generating, assembling and providing Meteorological (MET) information to the SWIM network in a SWIM compliant manner to support all actors in Airport- and approach-related-operations, including rotorcraft-(simultaneous independent approaches to airports FATOs) and RPAS-operations. The provided information for these types of operations is made consistent with information relevant for other operational user environments such as En-route and Network operations. The system capability mainly targets a 'time to decision' horizon between 3 minutes and 7 days.

The additional ATM-MET system outputs, is:

- MET information supporting weather dependent optimisation of aircraft separations at airports.

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

- Civil ATS Aerodrome Service Provider
- Civil ATS Approach Service Provider
- Civil MET Service Provider

Military

- Military ATS Aerodrome Service Provider
- Military ATS Approach Service Provider
- Military MET Service Provider

Airport Operator

Civil

- Civil APT operator

Military

- Military APT operator

Airspace User

Civil

- Civil Scheduled Aviation
- Civil Business Aviation-Fixed Wing
- Civil General Aviation
- Civil Flight Operations Centre

Military

- Military Transport
- Military Light Aircraft
- Military Wing Operations Centre
- Military Unmanned Aircraft System

V3 End 31-12-2019

V4 Start 31-12-2021

V5 Start 31-12-2024

V4 End 31-12-2024

V5 End 31-12-2026

Air Navigation Service Provider: 31-12-2026

Civil

Civil ATS Aerodrome Service Provider: 31-12-2026

Civil ATS Approach Service Provider: 31-12-2026

Civil MET Service Provider: 31-12-2026

Military

Military ATS Aerodrome Service Provider: 31-12-2026

Military ATS Approach Service Provider: 31-12-2026

Military MET Service Provider: 31-12-2026

Airport Operator: 31-12-2026

Civil

Civil APT operator: 31-12-2026

Military

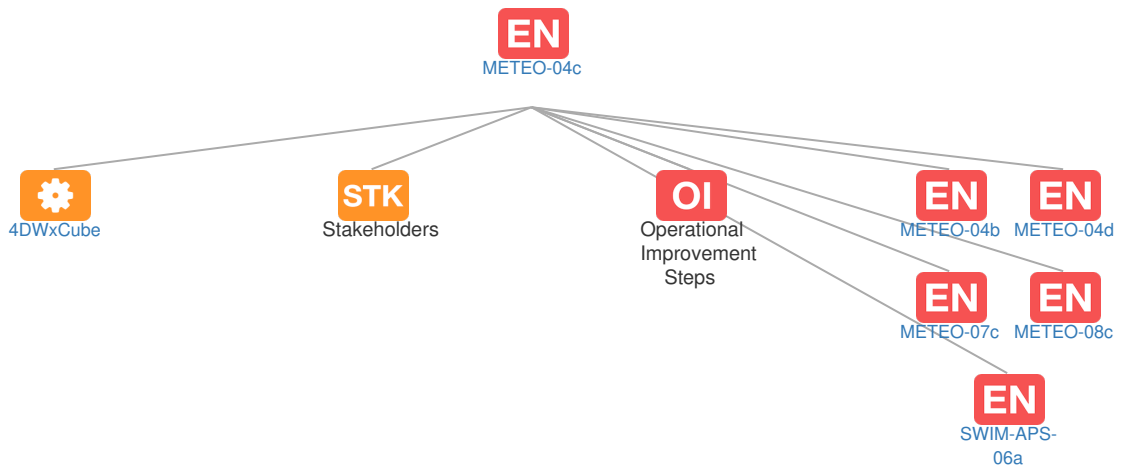
Military APT operator: 31-12-2026
Airspace User: 31-12-2026
Civil
 Civil Scheduled Aviation: 31-12-2026
 Civil Business Aviation-Fixed Wing: 31-12-2026
 Civil General Aviation: 31-12-2026
 Civil Flight Operations Centre: 31-12-2026
Military
 Military Transport: 31-12-2026
 Military Light Aircraft: 31-12-2026
 Military Wing Operations Centre: 31-12-2026
 Military Unmanned Aircraft System: 31-12-2026

IOC 31-12-2026

FOC 31-12-2030

Context

Related Elements



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-04c					▲			V4	V5	IOC - FOC																	
🔒 AO-0107																											
🔒 AO-0311																											
🔒 AO-0505-B																											
🔒 AO-0825																											
🔒 AO-0826																											
🔒 AOM-0702-B																											
🔒 AOM-0705-B																											
🔒 AOM-0806																											
🔒 AOM-0807																											
🔒 AUO-0309																											
🔒 AUO-0404																											
🔒 IS-0207																											
🔒 MET-0201																											
🔒 POI-0008-MET																											
🔒 SDM-0206																											
🔒 SDM-0211																											
🔒 SDM-0212																											
➔ AO-0308																											
➔ AO-0316																											
➔ AO-0319																											
➔ AO-0320																											
➔ AO-0321																											
➔ AO-0322																											
➔ AO-0331																											
➔ AUO-0405																											
➔ AUO-0406																											
➔ AUO-0407																											
➔ AUO-0603-B																											
➔ IS-0205																											
➔ IS-0206																											
➔ TS-0301																											
➔ TS-0302																											
➔ TS-0307																											
➔ TS-0313																											

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	STK OI EN DS PCP
Has successor	METEO-04d	Generate and provide MET information relevant for Airport and final approach for at shortest notice (less than 3 minutes 'time to decision' horizon)	STK OI EN ⚙️
Is synchronised with	METEO-07c	Integrated system of infrared and visual cameras to enable automatic detection of LVC	STK OI EN DS
Is synchronised with	METEO-08c	Integrated system of 3D scanning Doppler X-Band radar and long range Doppler lidar for all-weather wind monitoring	STK OI EN DS
Deployed with	SWIM-APS-06a	Provision of Airport Ground Sensor Meteorological Information Services	STK OI EN DS PCP S

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN ⚙️
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN ⚙️
ANSP-CIV-MET	Civil MET Service Provider	EN ⚙️
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	EN ⚙️
ANSP-MIL-APP	Military ATS Approach 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-BA-F	Civil Business Aviation-Fixed Wing	EN
AU-CIV-FOC	Civil Flight Operations Centre	EN
AU-CIV-GA	Civil General Aviation	EN
AU-CIV-SA	Civil Scheduled Aviation	EN ⚙️
AU-MIL-L	Military Light Aircraft	EN ⚙️
AU-MIL-T	Military Transport	EN ⚙️
AU-MIL-RPAS	Military Unmanned Aircraft System	EN ⚙️
AU-MIL-W	Military Wing Operations Centre	EN ⚙️

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data