



METEO-08c — Integrated system of 3D scanning Doppler X-Band radar and long range Doppler lidar for all-weather wind monitoring

An integrated system of 3D scanning Doppler X-Band radar and long range Doppler lidar monitors the wind situation around the airport in rainy and dry weather. The novelty here is not in the sensors themselves, but in their mutual integration to perform a common function. A necessary condition is their co-location and synchronized scans.

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil MET Service Provider

V3 End 31-12-2019

V4 Start 31-12-2021

V5 Start 31-12-2023

V4 End 31-12-2023

V5 End 31-12-2026

Air Navigation Service Provider: 31-12-2026

Civil

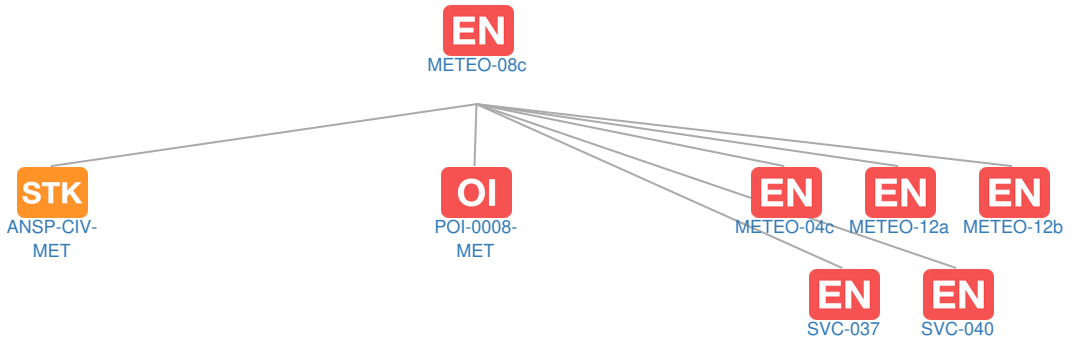
Civil MET Service Provider: 31-12-2026

IOC 31-10-2029

FOC 31-10-2033

Context

Related Elements



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-08c					▲		V4	V5											IOC - FOC									
🔒 POI-0008-MET																												

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Is synchronised with	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	STK OI EN DS ⚙️
Enabling	METEO-12a	Compile data for METForTAM service	STK OI EN DS
Enabling	METEO-12b	Compile data for METForWTS service	STK OI EN DS
Enabling	SVC-037	METForTAM Service	STK OI EN DS
Enabling	SVC-040	METForWTS Service	STK OI EN DS

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-MET	Civil MET Service Provider	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