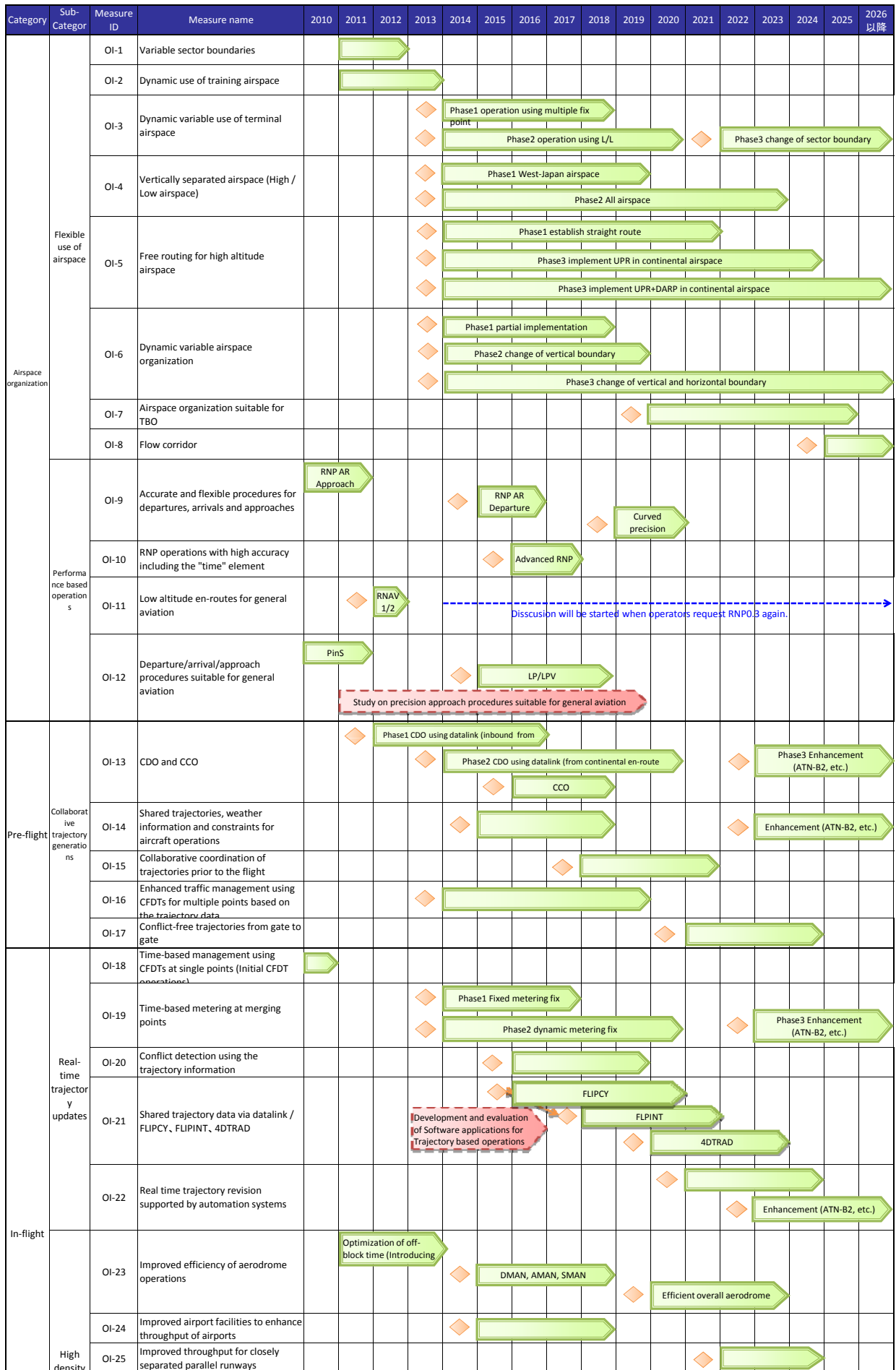


CARATS Roadmap



Category	Sub-Category	Measure ID	Measure name	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026 以降		
	operations	OI-26	Reduced wake turbulence separation minima				◆	Phase 1, 2				◆	Phase 3									
		OI-27	Reduced separation minima for high density airspace (3NM for enroute)										◆									
		OI-28	Reduced separation minima for oceanic airspace																			
In-flight	High density operations	OI-29-1	Improved capacity of ATC using datalink for routine communications / ATC clearance (airport) - DCL, D-TAXI					DCL Trial														
		OI-29-2	Improved capacity of ATC using datalink for routine communications / ATC clearance (enroute) - continental CPDLC																			
		OI-29-3	Improved capacity of ATC using datalink for routine communications / Flight information services - D-ATIS, D-OTIS, D-RVR, D-HZWX																			
		OI-30-1	Air-to-air surveillance (ASAS) / ATSA-ITP operations																			
		OI-30-2	Air-to-air surveillance (ASAS) / ATSA-AIRB operations (1090ES)																			
		OI-30-3	Air-to-air surveillance (ASAS) / ATSA-AIRB Operations (UAT/TIS-B)																			
		OI-30-4	Air-to-air surveillance (ASAS) / ATSA-VSA operations																			
		OI-30-5	Air-to-air surveillance (ASAS) / ASPA-IM operations																			
In-flight	Improved information services	OI-31	Enhanced information in the cockpit																			
		OI-32	Improved information services for aircraft operators																			
Post-flight	Sharing and utilizing safety related information	OI-33	Sharing and utilizing safety related information																			