

ICAO EUR/MID Radio Navigation Symposium

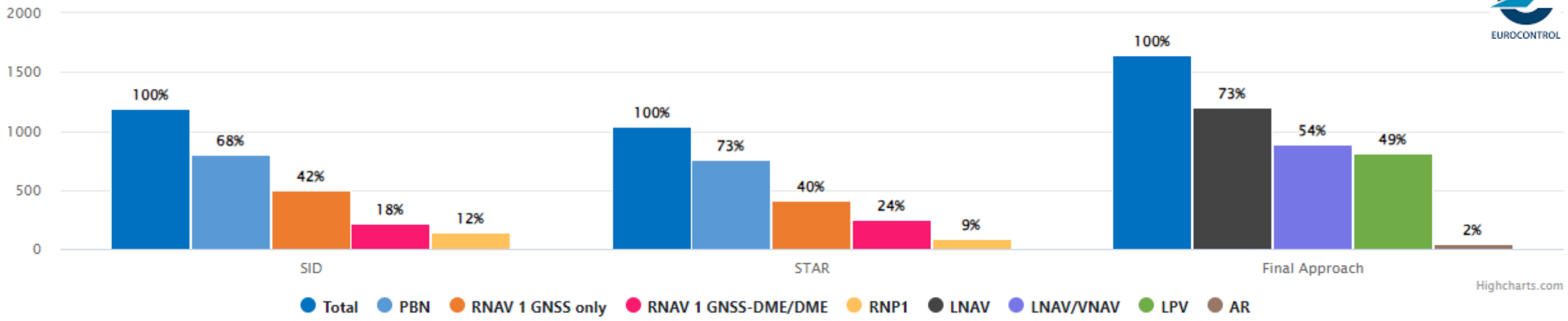
SBAS/LPV & PBN MAP Tool

Antalya, Turkiye
(6-8 February 2024)

Hamdi NASSER, Kleber ARGUELLO
EUROCONTROL

ECAC: PBN deployment monitoring (25/01/2024)

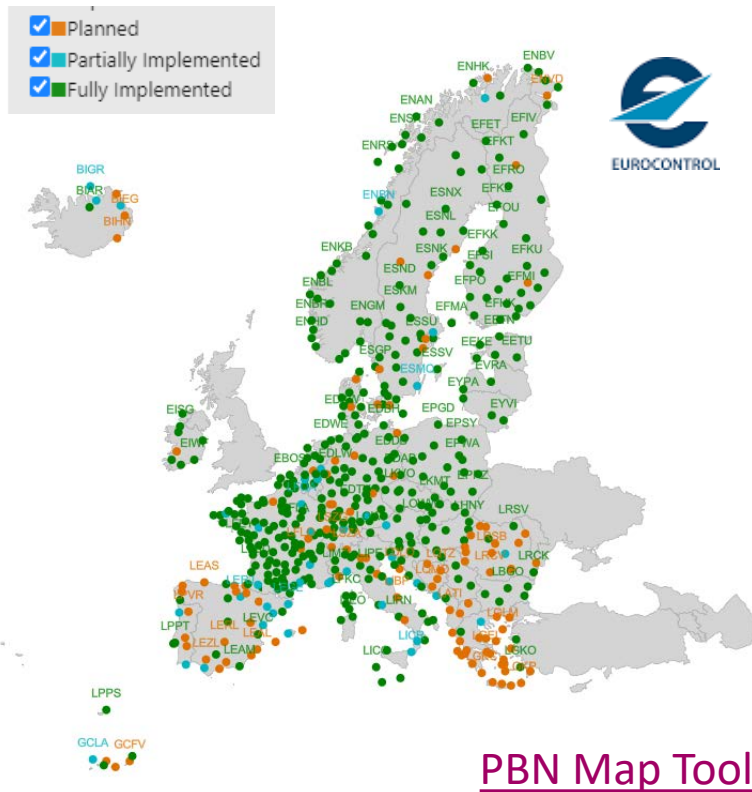
Current deployment status - Nb of runways with PBN procedures



Highcharts.com

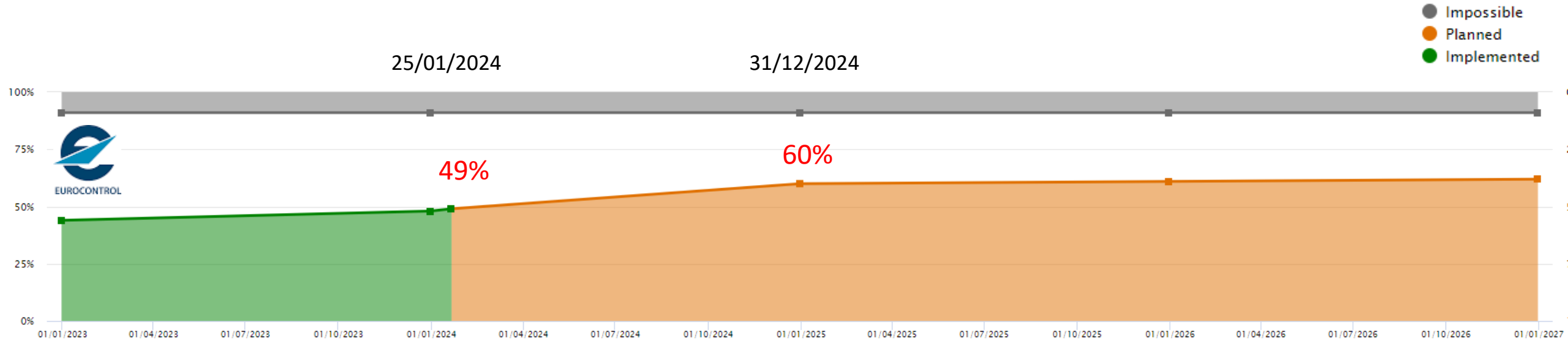
[PBN Map Tool](#)

ECAC: RNP APCH with LPV minima (25/01/2024)



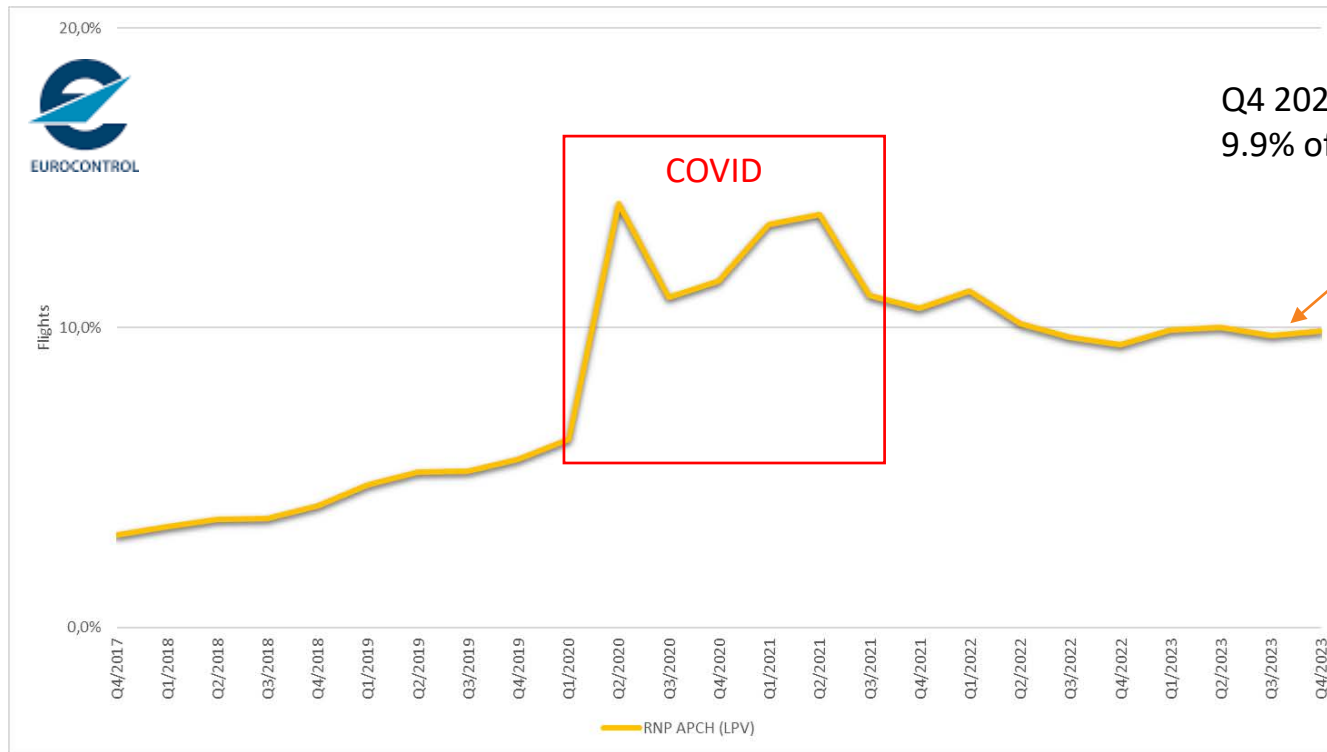
Implemented in **49% of runways**
Fully implemented (all runways) in **65% of airports**

ECAC: RNP APCH with LPV minima (Future)



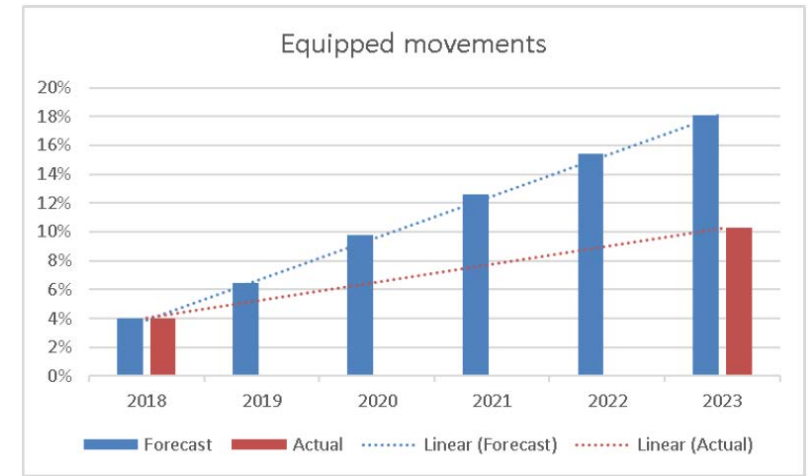
PBN Map Tool

ECAC: SBAS fleet capability monitoring (Flights)



Q4 2023
9.9% of flights – SBAS capable

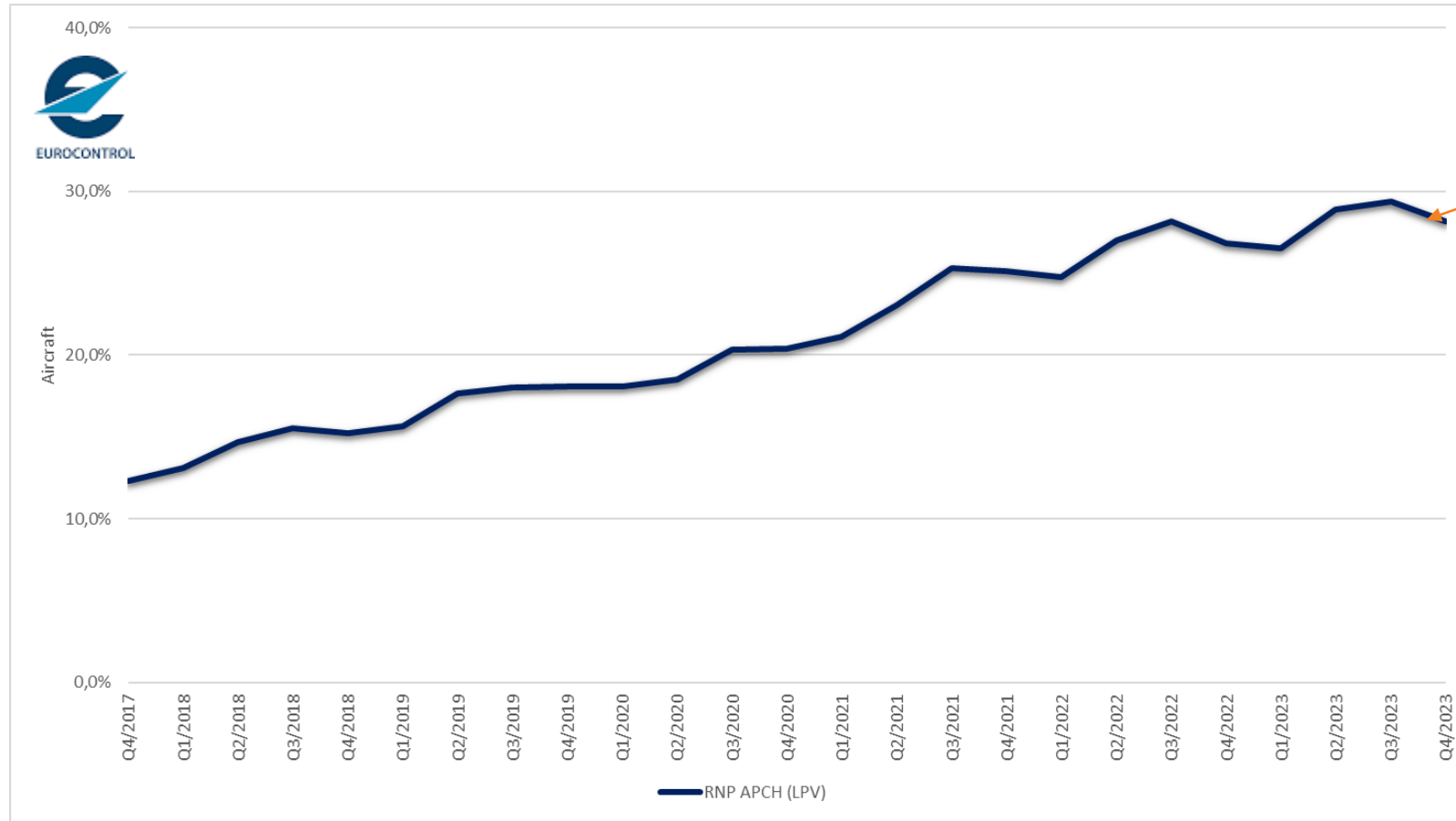
About three years of delay to recover



Data available in the EUROCONTROL quarterly reports on [NSG sharepoint](#)

[CNS dashboard](#)

ECAC: SBAS fleet capability monitoring (Aircraft)



Q4 2023
28% of aircraft – SBAS capable

[CNS dashboard](#)

Data available in the EUROCONTROL quarterly reports on [NSG sharepoint](#)



Implementation slowed down due to covid
30% A/C, 10% flights, 49% runways
Expected increase in 2024

Thank you

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Thank You!