

ICAO APAC/MID ATM Contingency Planning Workshop
Bangkok, Thailand, 25 – 27 June 2024

ATFM Support in Contingency Situations

Piyawut Tantimekabut (Toon)
Chair, ICAO APAC ATFM Steering Group
Thailand Member, ICAO ATM Operations Panel (ATMOPSP)

Agenda

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ATFM Philosophy

2

APAC Regional Framework
for Collaborative ATFM

3

Regional ATFM Maturity

4

ATFM & Contingency
Situations

ATFM Philosophy

ATFM : “A service to facilitate the safe, orderly and expeditious flow of air traffic by not only ensuring that **ATC capacity is optimized** and utilized to the maximum extent possible, but also allowing the **traffic demand to be compatible with ATC capacity**”

ICAO Doc 9971, 3rd Ed.

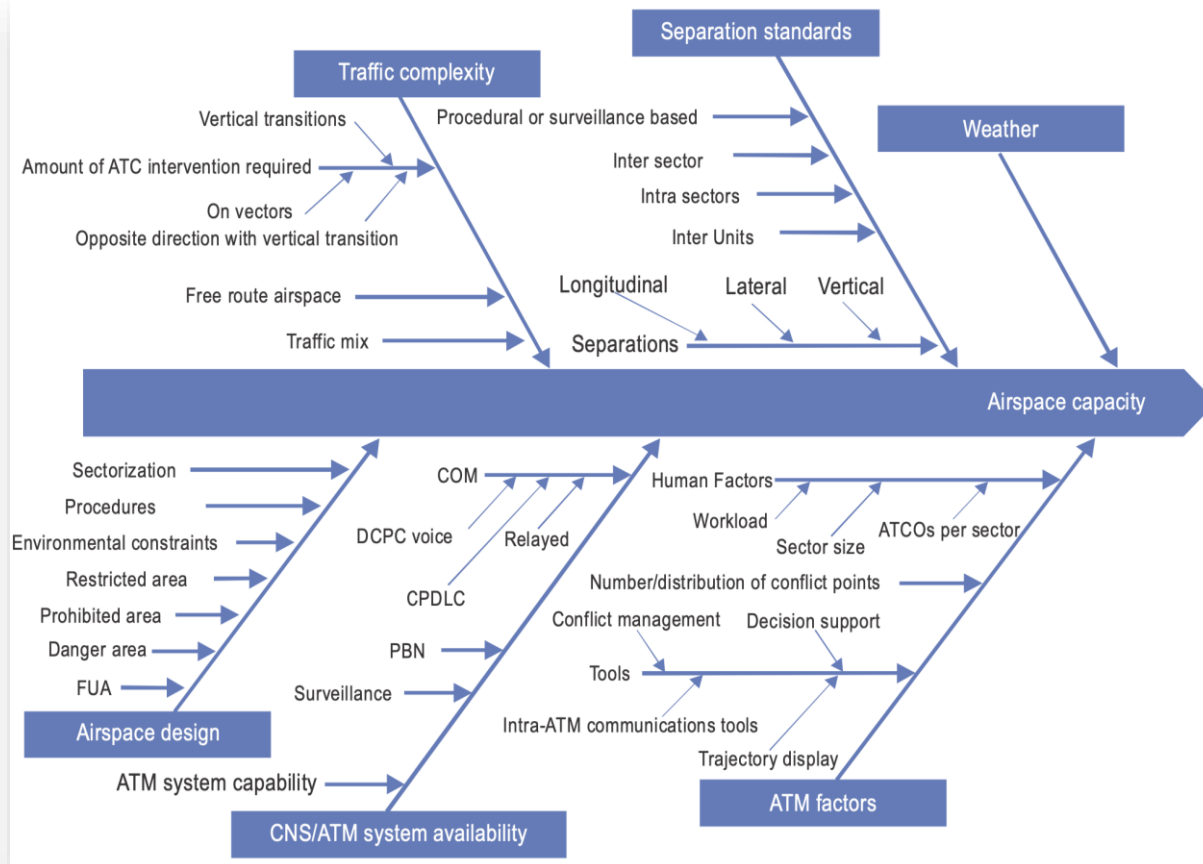
Part II, Chapter 1, Para. 1.2.3, Pg. II-1-1



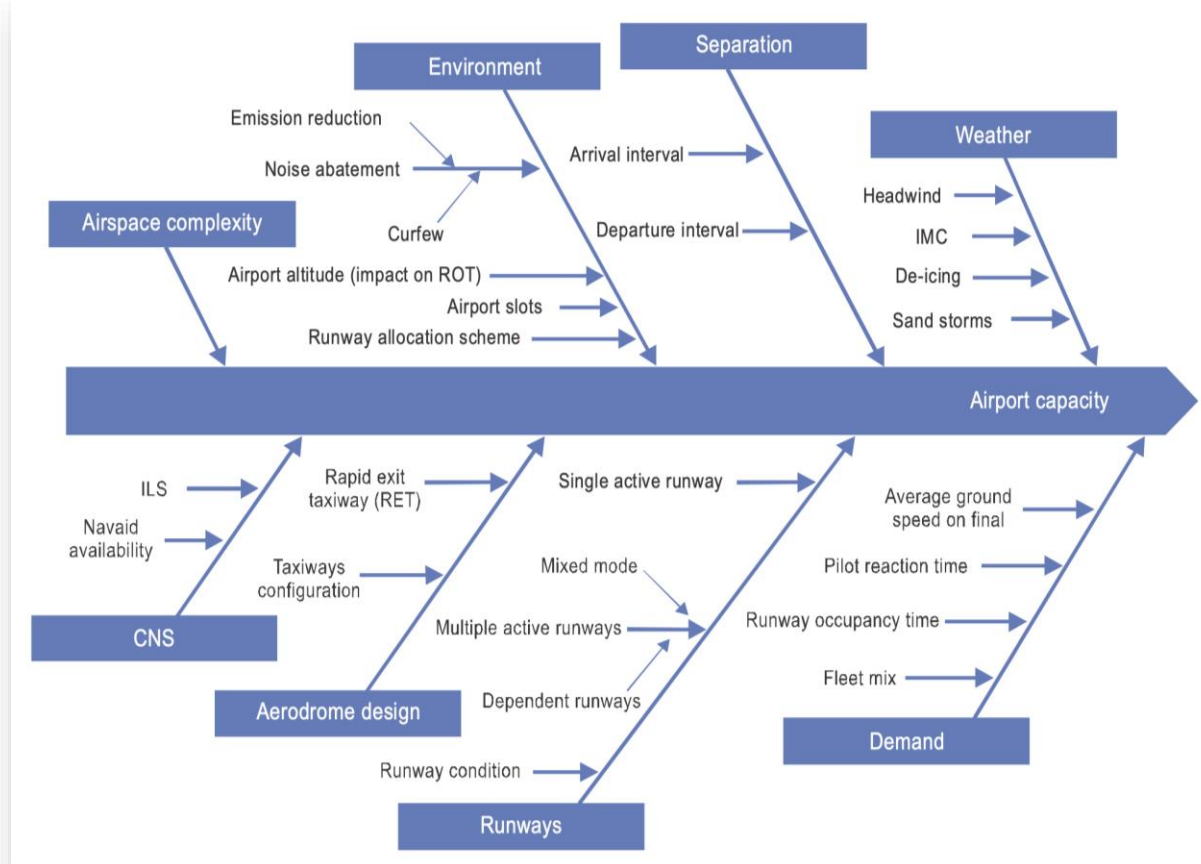
ATFM is Demand-Capacity Balancing



ATFM & Contingency



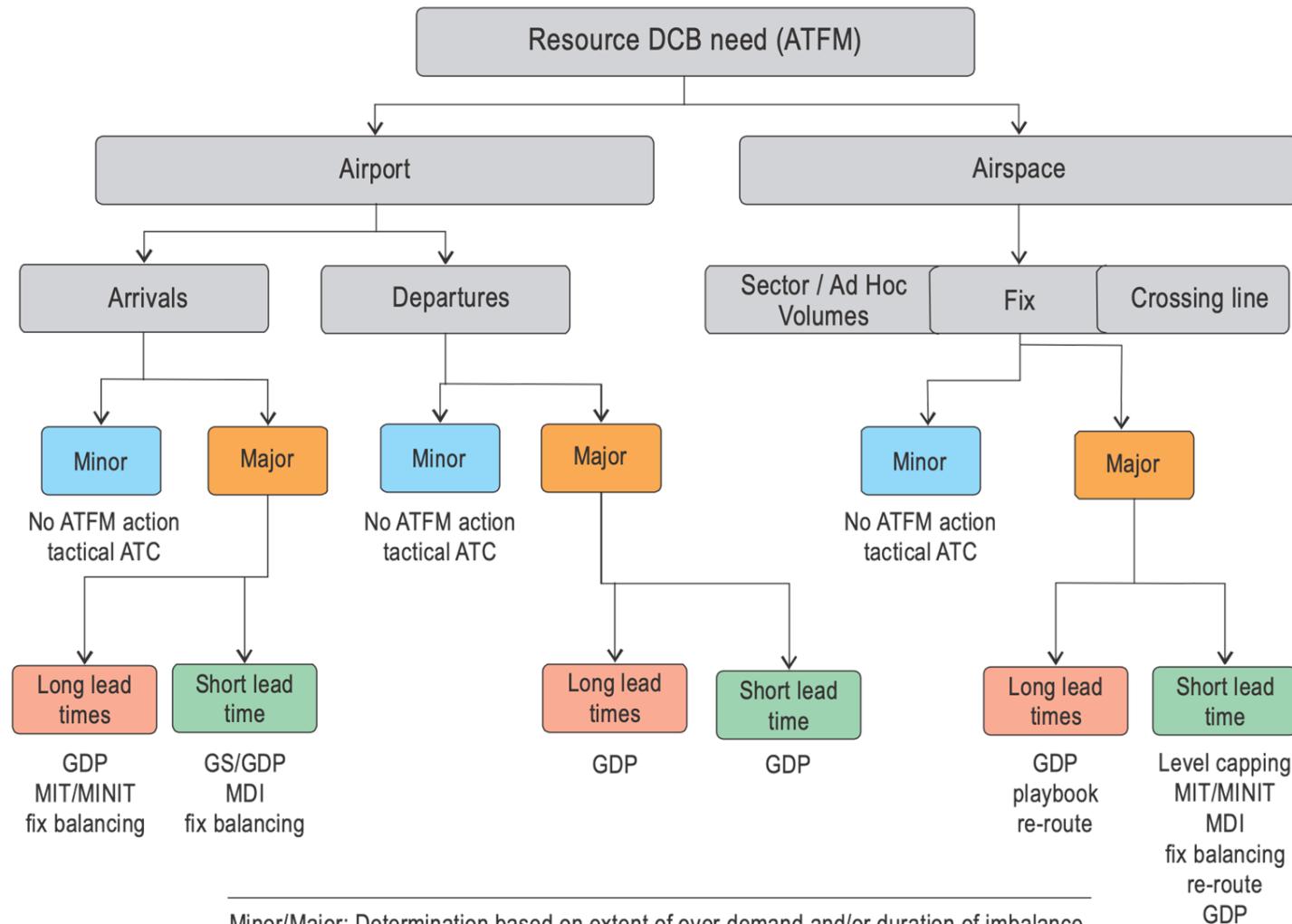
Factors affecting Airspace Capacity



Factors affecting Airport Capacity

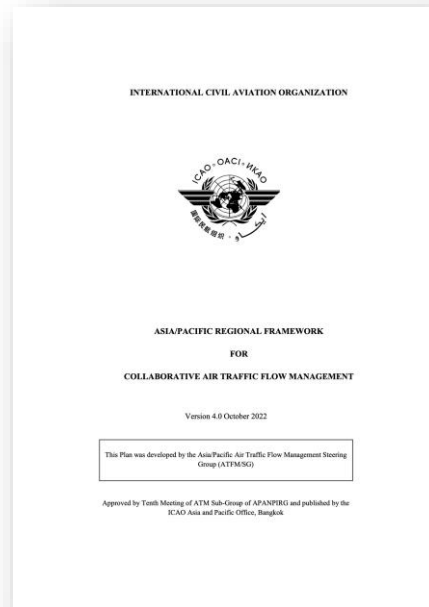


Available ATFM Tools : ATFM Solution & ATFM Measures

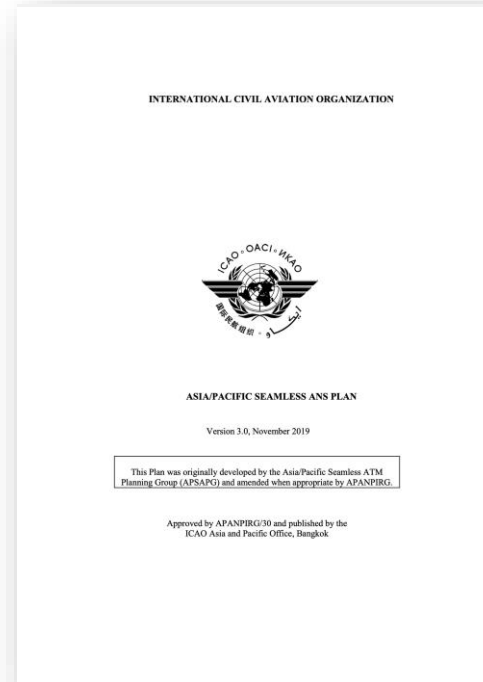


Minor/Major: Determination based on extent of over demand and/or duration of imbalance.
GDPs require sufficient participation for effectiveness.

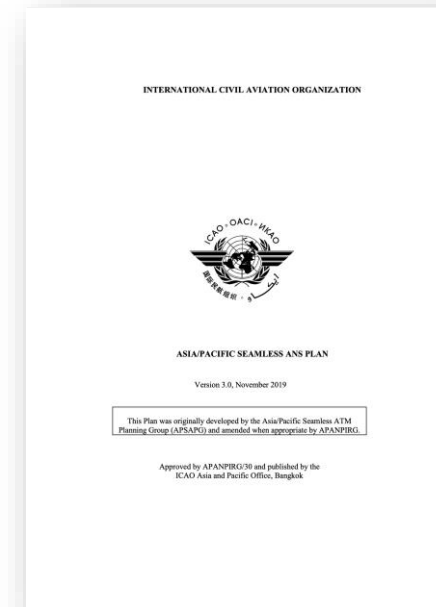
ICAO APAC Seamless ANS Plan & Subsidiary Documents



**ICAO APAC Regional Framework
for Collaborative ATFM
v4.0 (2022)**



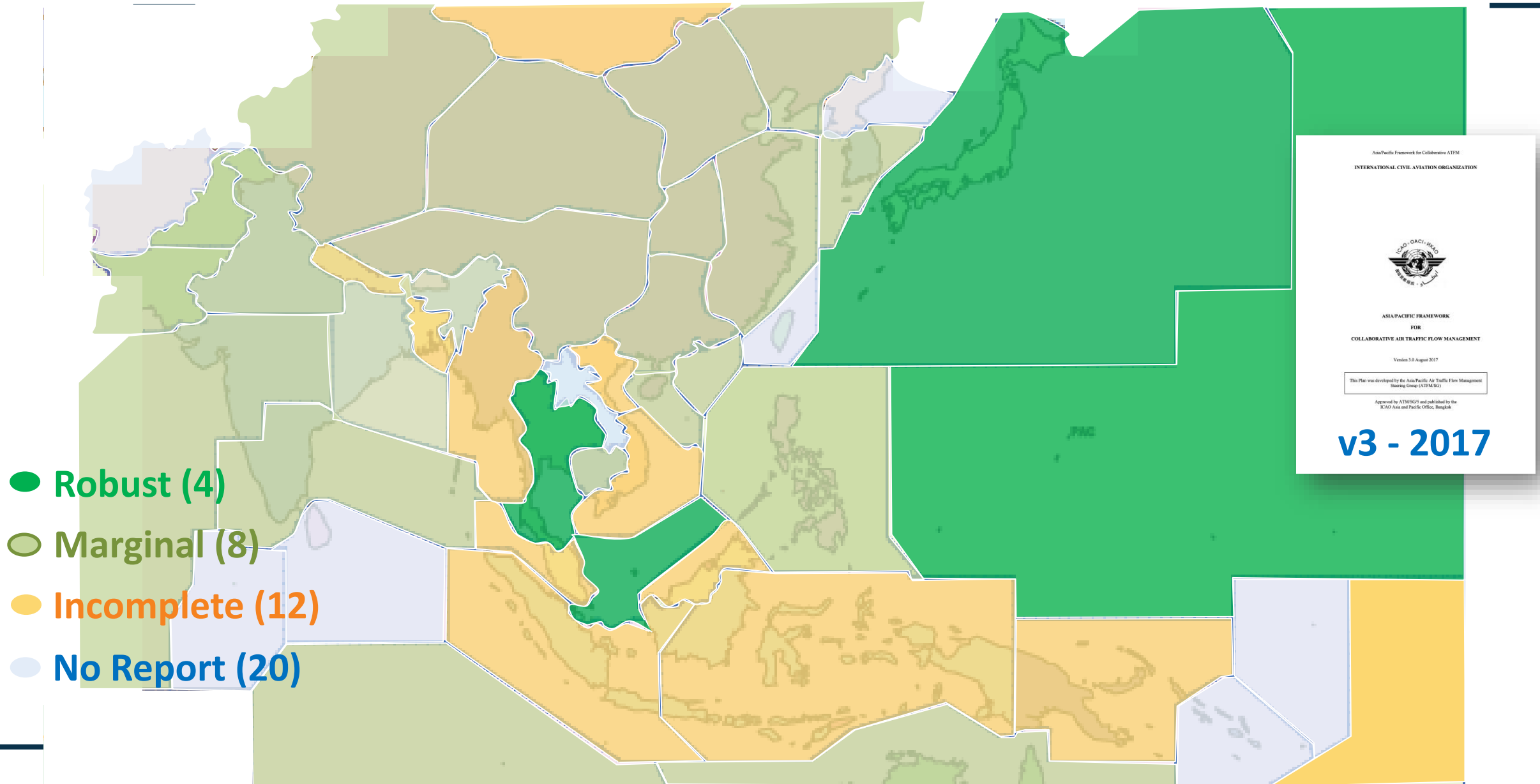
**ICAO APAC Seamless ANS Plan
v3.0 (2019)
v4.x expected in 2024**



**ICAO APAC Regional ATM
Contingency Plan
v3.0 (2017)**

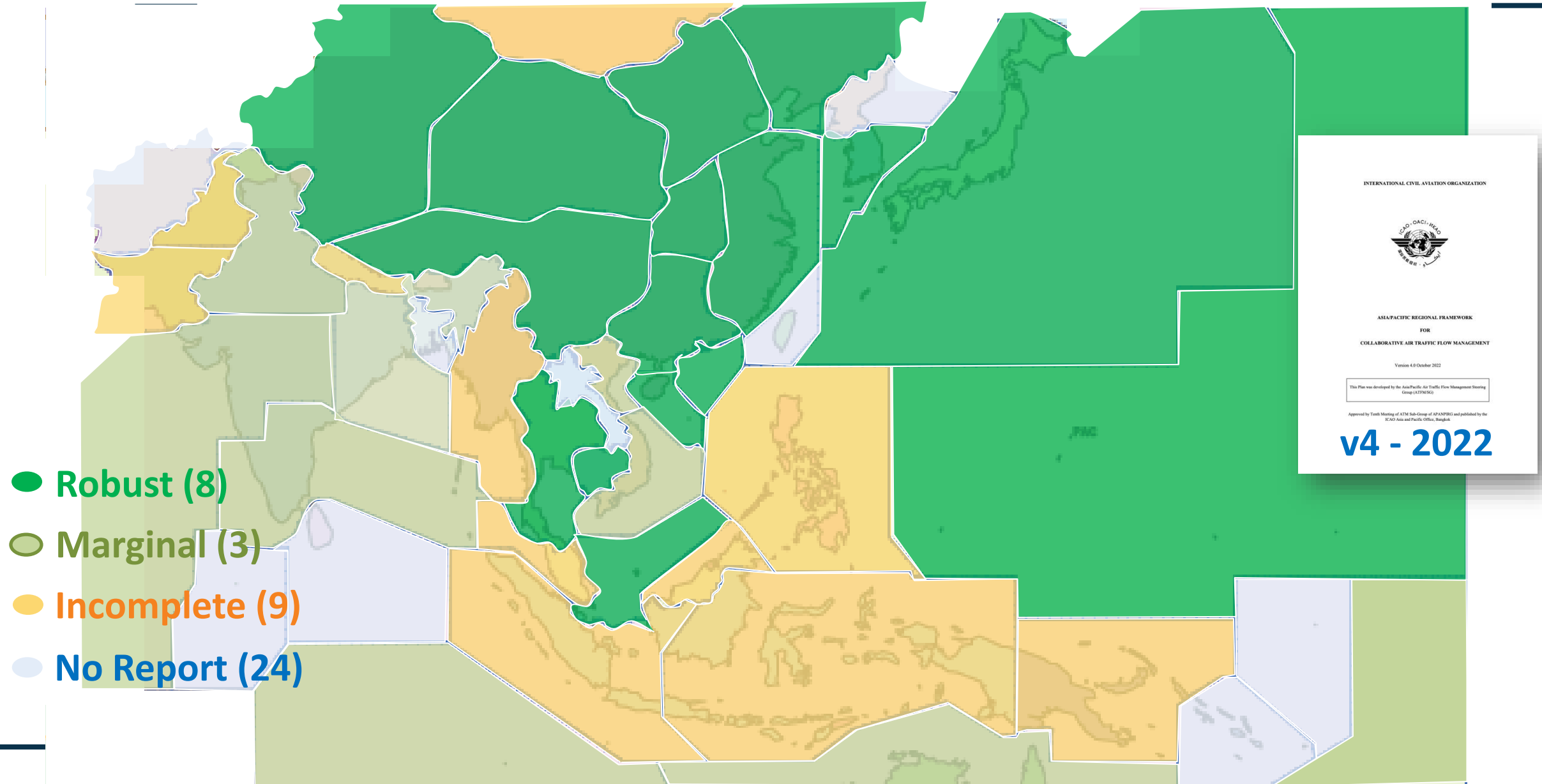
APAC Regional ATFM Maturity - 2022

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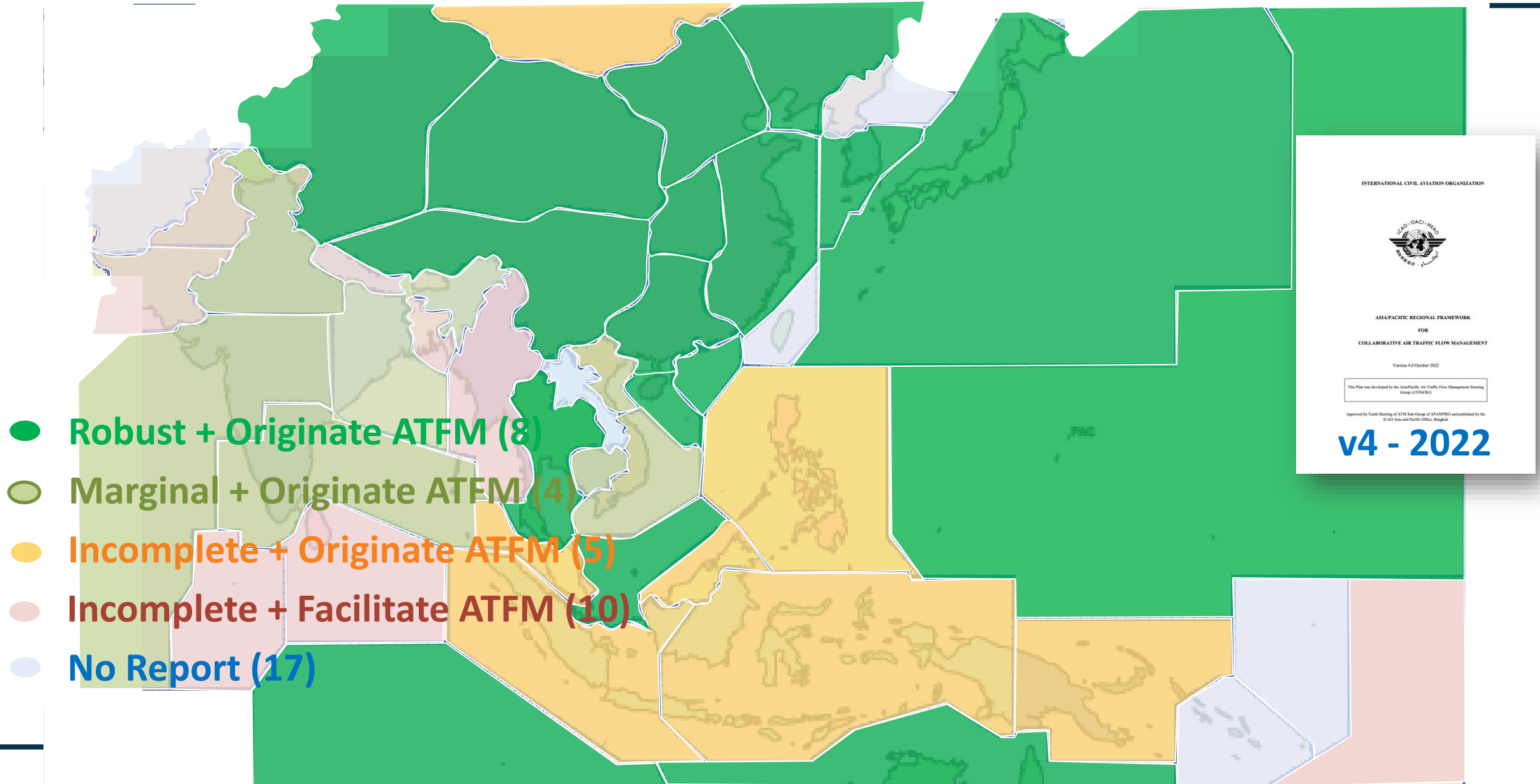
APAC Regional ATFM Maturity - 2023

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APAC Regional ATFM Maturity - 2024

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Thank You

Upcoming ICAO Provisions

