



PROGRESS AGAINST THE 10 REGIONAL PRIORITIES: REGIONAL PICTURE

Outline

- **APANPIRG's 10 regional priorities**
- **Regional picture**
- **Actions for the meeting**



APANPIRG'S 10 REGIONAL PRIORITIES

APANPIRG's 10 regional priorities

Specification title	Module
Air Traffic Flow Management/Collaborative Decision-Making (ATFM/CDM)	B0-NOPS
Strategic Civil Military coordination	Regional
Tactical Civil Military coordination	Regional
Civil Military use of Special Use of Airspace (SUA)	B0-FRTO
Approaches, including PBN	B0-APTA
ADS-B airspace	B0-ASUR
ATS surveillance with data integrated	B0-ASUR
ADS-C, CPDLC	B0-TBO
ATS Inter-facility Data-link Communications (AIDC)	B0-FICE
Aeronautical Information Management (AIM)	B0-DATM



REGIONAL PICTURE

Regional picture: how?

- **Based on**
 - the latest of the submitted reports only
 - PBN approaches: additional source
- **Only the 10 regional priorities presented**
 - but 45 objectives monitored
- **Progress presented State by State**
 - colour codes

Points of contact

- **66 points of contact for 31 States/Administrations**
- **12 missing States/Administrations:**
 - Afghanistan
 - Brunei Darussalam
 - Cook Islands
 - Kiribati
 - Marshall Islands
 - Micronesia (Federated States of)
 - Nauru
 - Palau
 - Papua New Guinea
 - Samoa
 - Tonga
 - Vanuatu

Reports

- **25 States/Administrations have submitted reports:**

- Bangladesh
- Bhutan
- China
- DPR Korea
- Hong Kong, China
- India
- Indonesia
- Japan
- Macao, China
- Malaysia
- Maldives
- Mongolia
- Nepal
- Pakistan
- Philippines
- Republic of Korea
- Singapore
- Sri Lanka
- Thailand
- United States
- Australia
- Fiji
- French Polynesia, France
- New Caledonia, France
- New Zealand

Reports

- **18 missing States/Administrations**

- **Afghanistan**
- **Brunei Darussalam**
- **Cambodia**
- **Lao People's Democratic Republic**
- **Myanmar**
- **Vietnam**

- **Cook Islands**
- **Kiribati**
- **Marshall Islands**
- **Micronesia (Federated States of)**
- **Nauru**
- **Palau**
- **Papua New Guinea**
- **Samoa**
- **Solomon Islands**
- **Democratic Republic of Timor-Leste**
- **Tonga**
- **Vanuatu**

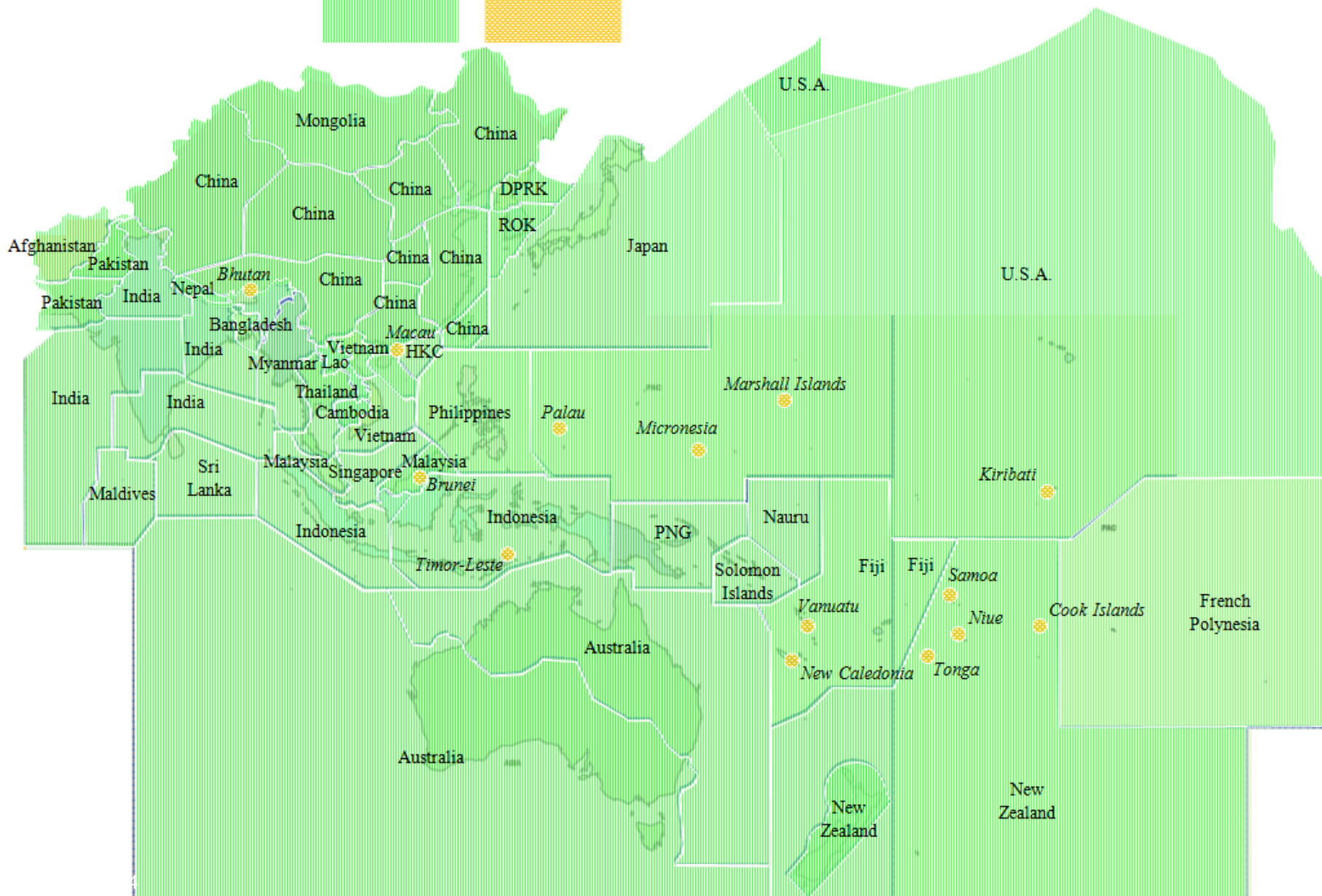
Since the last APANPIRG

- **First submitted report from:**
 - Democratic Peoples' Republic of Korea
 - Fiji
 - Indonesia
 - Mongolia
 - Nepal
 - New Zealand
 - Pakistan (1st report, not yet in the regional picture)
- **Updates**
 - Australia
 - Hong Kong China
 - India
 - Indonesia (2nd report submitted Q3 2016, not yet in the regional picture)
 - Philippines
 - Singapore (4th report submitted Q3 2016, not yet in the regional picture)
 - Sri Lanka
- **In preparation:**
 - Lao (1st report)
 - Malaysia (3rd report)

FIR

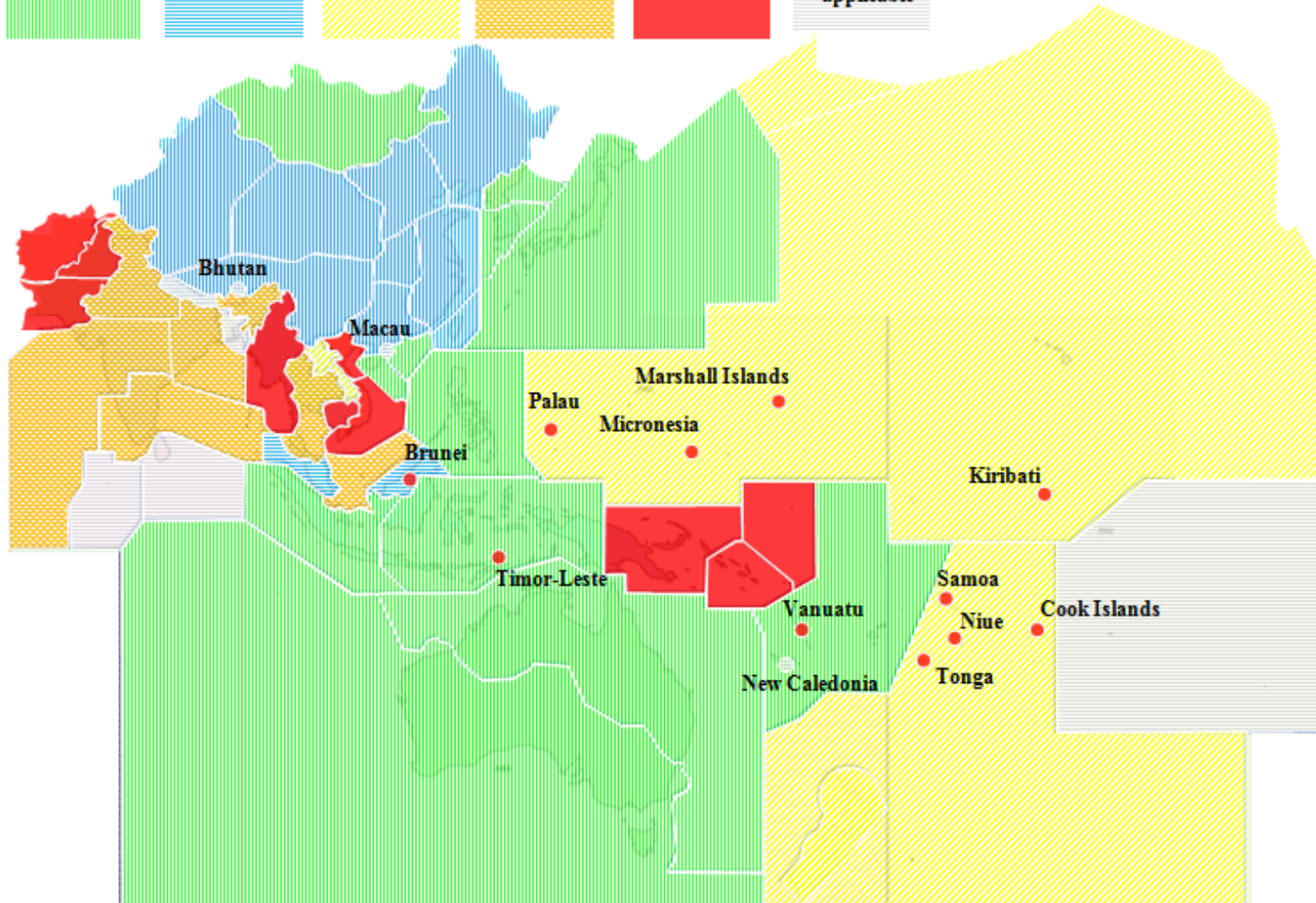
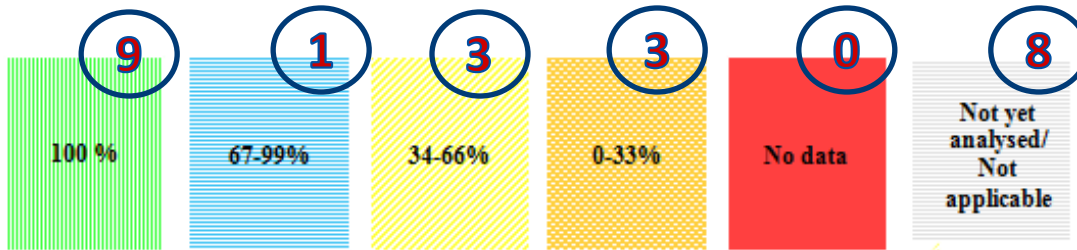
*Air
Navigation
Services
within a FIR*

Orientation map



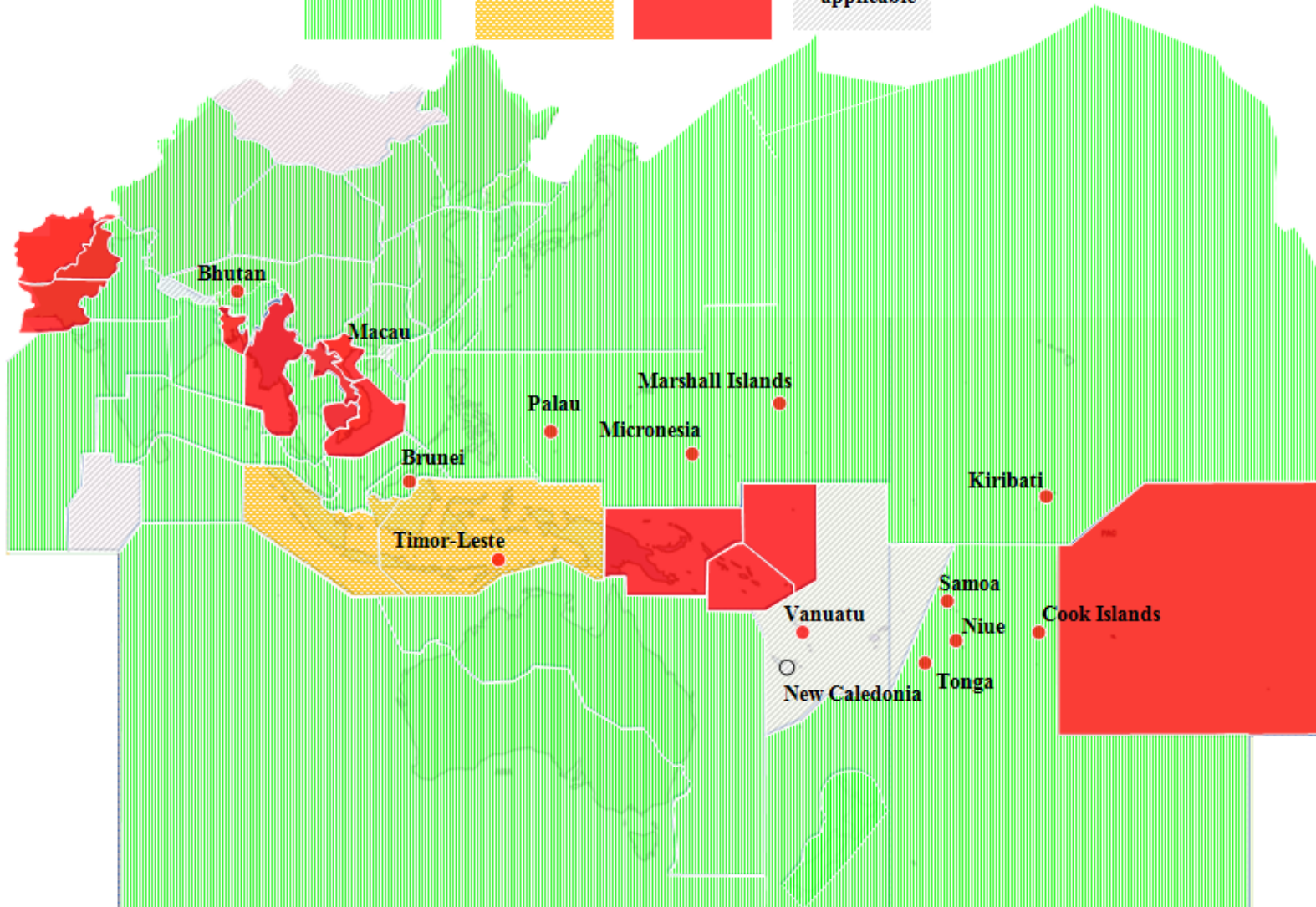
Seamless item 80: ATFM/CDM

% of High Density FIRs supporting the busiest Asia/Pacific traffic flows and high density aerodromes using operational ATFM platforms incorporating CDM.



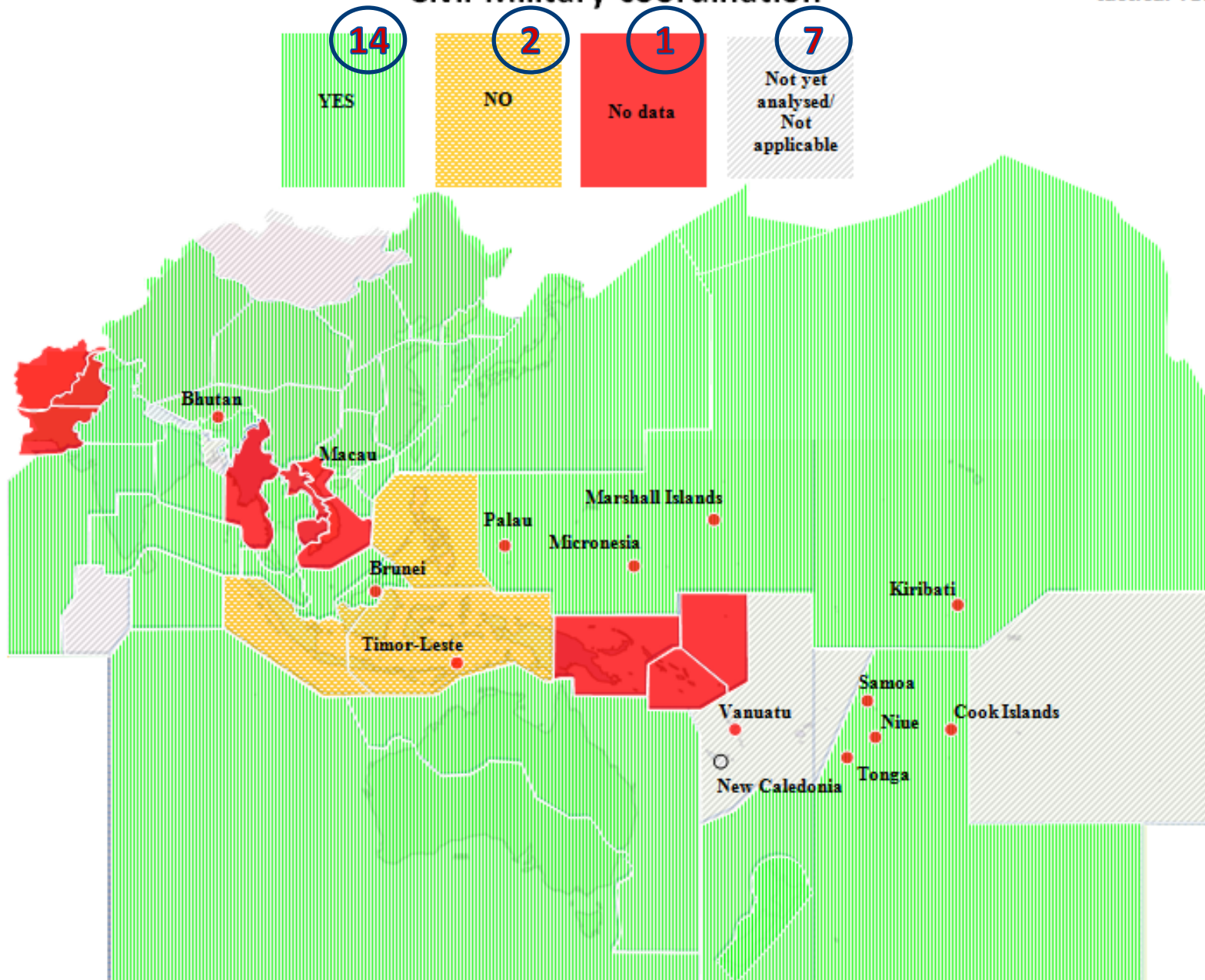
Seamless item 370: Strategic Civil Military coordination

Has the State established a national civil/military body that performs strategic civil-military coordination?



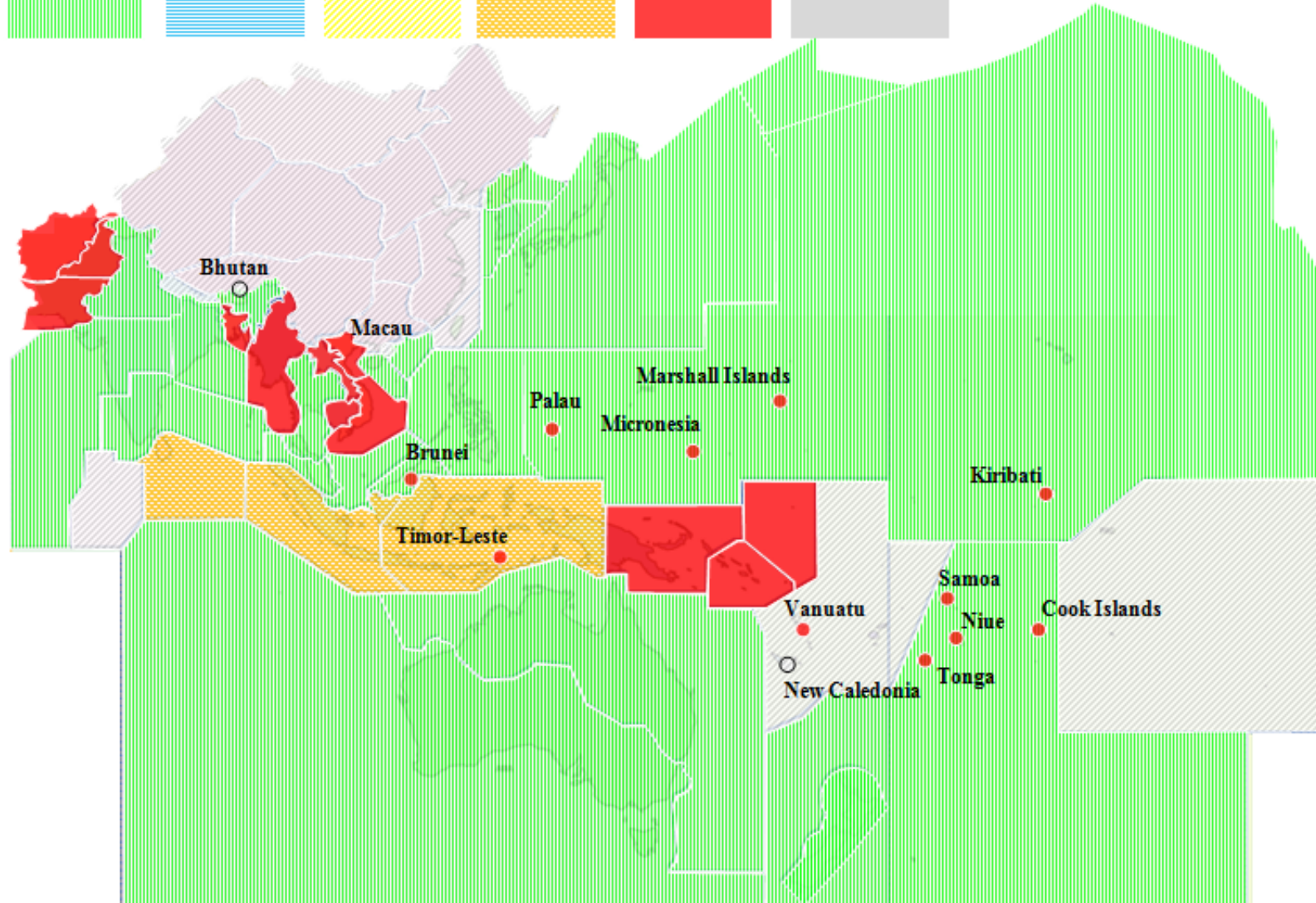
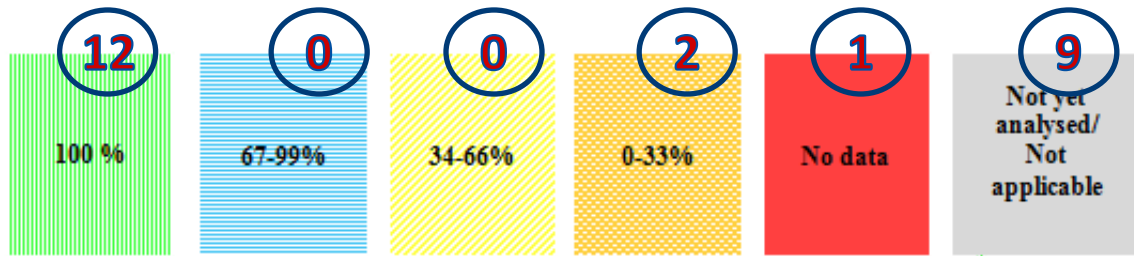
Seamless item 380: Tactical Civil Military coordination

Has the State established a formal civil/military liaison for tactical response?



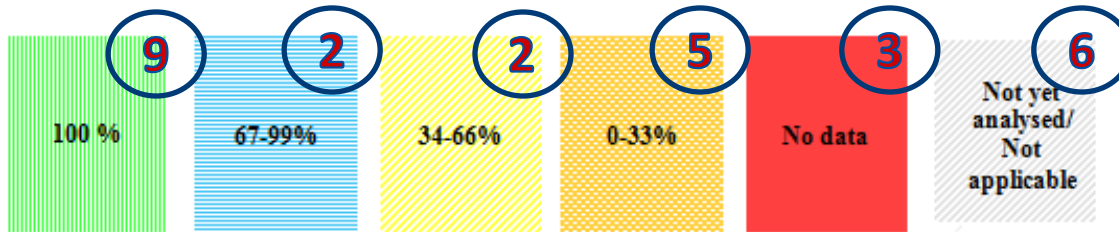
Seamless item 360: Civil Military use of SUA

% of FIRs in which FUA is implemented

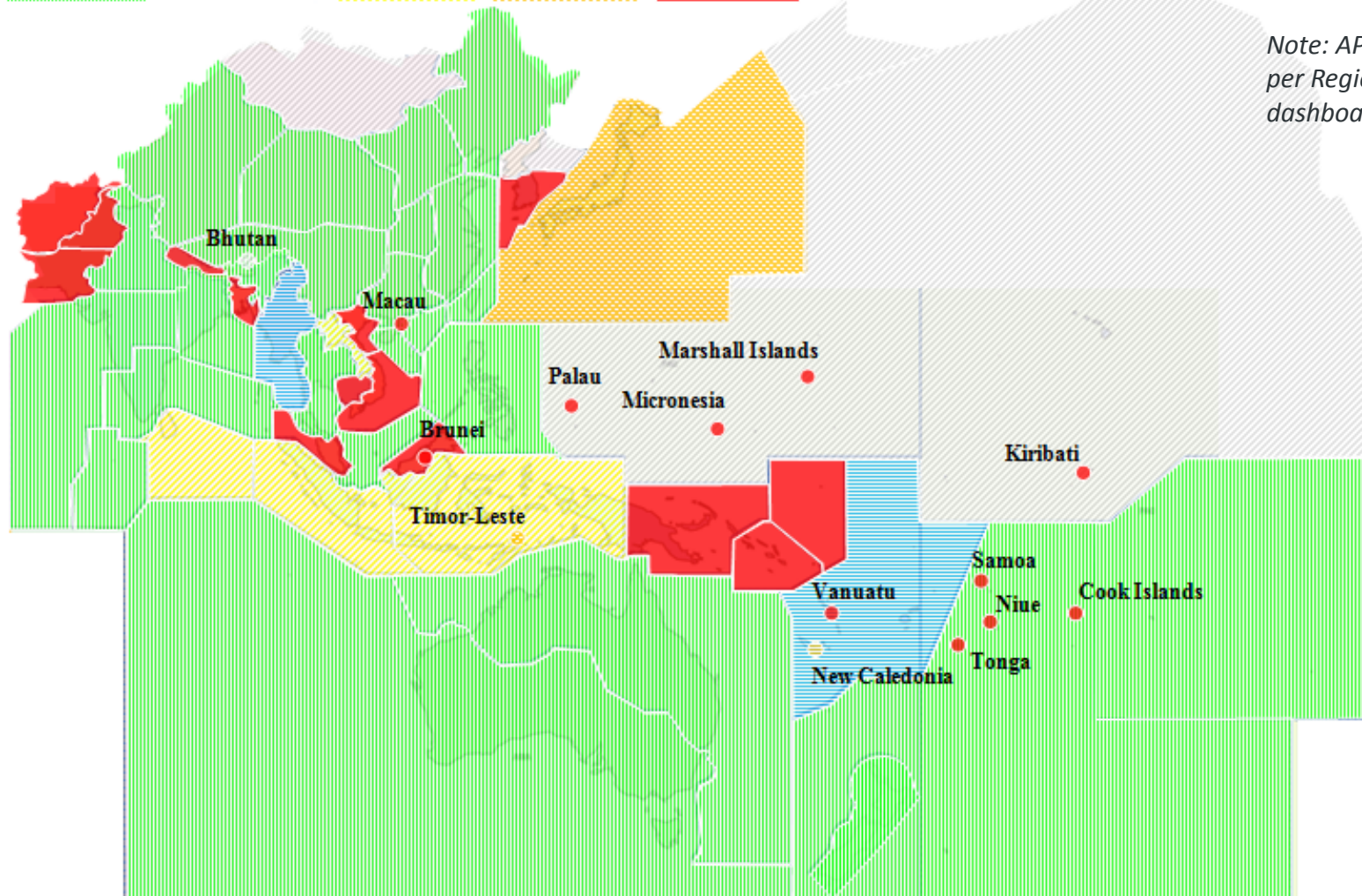


Seamless item 110: Approaches

% of high density aerodromes with precision approaches or APV or LNAV (High density aerodrome is defined by Asia-Pacific Seamless ATM Plan as aerodromes with scheduled operations in excess of 100,000/year)



Note: APV/LNAV approaches as per Regional Performance dashboard not accounted for

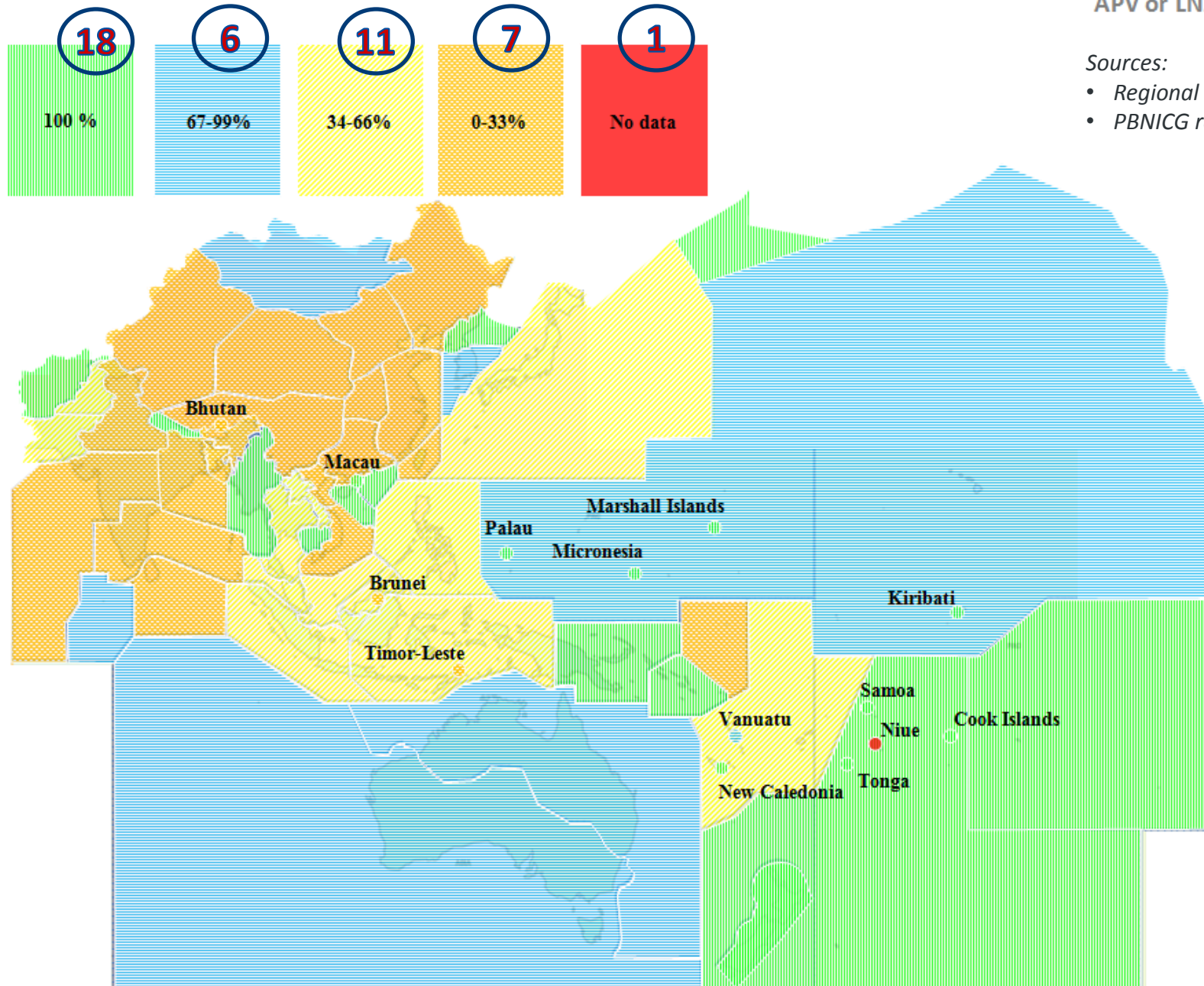


Seamless item 110: PBN Approaches

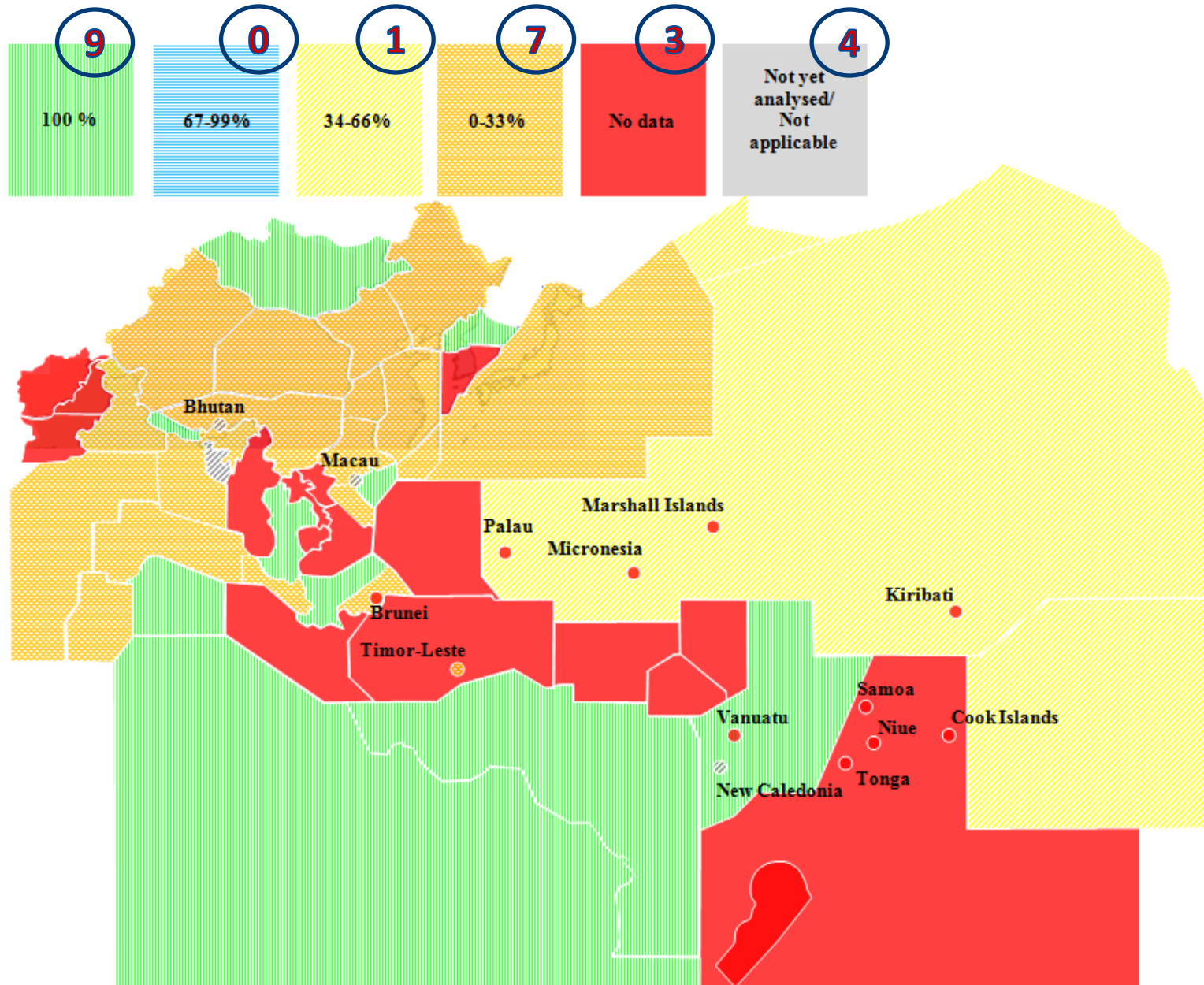
% of instrument runways at international aerodromes with APV or LNAV-only procedures

Sources:

- Regional Performance dashboard
- PBNICG reports

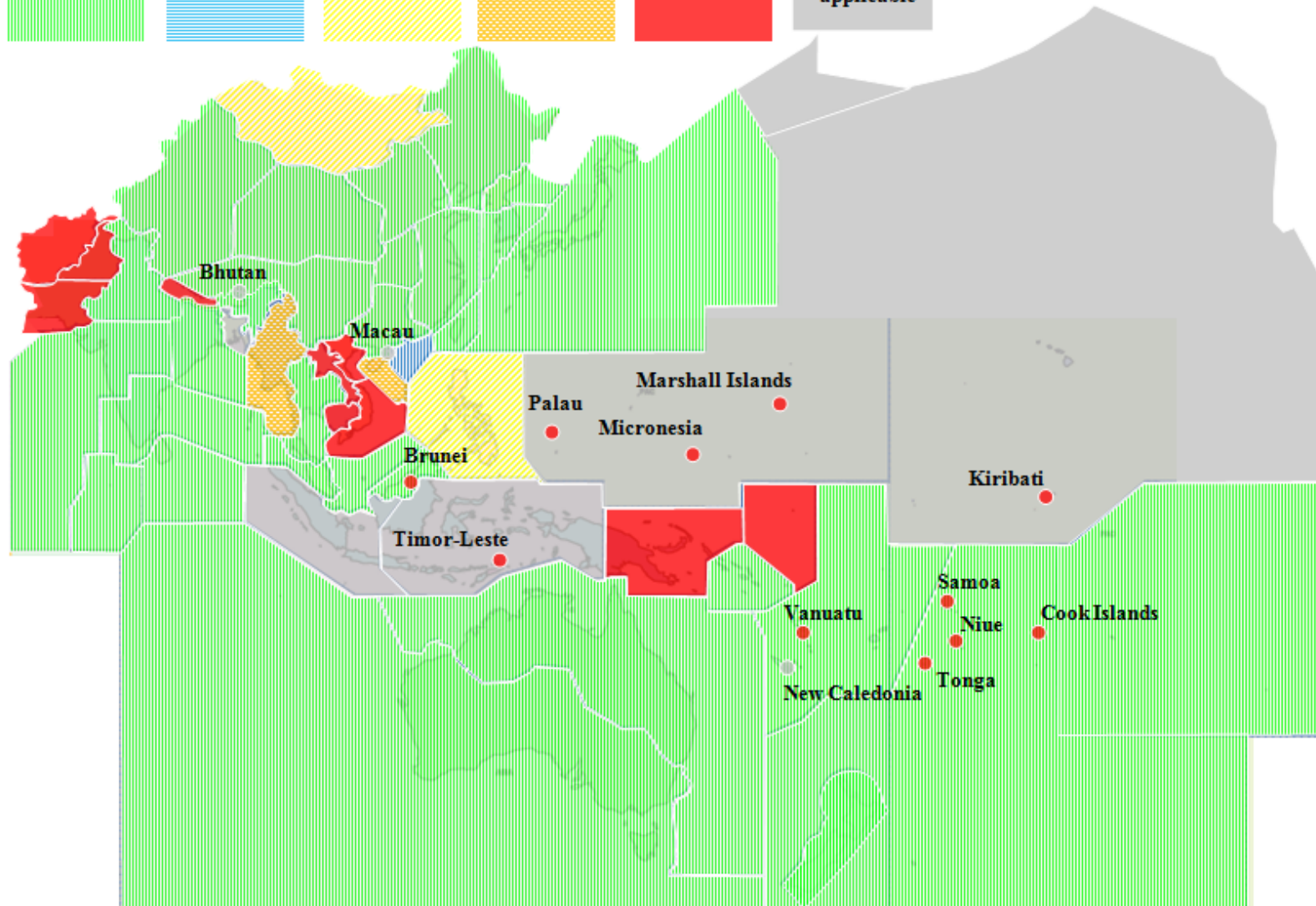
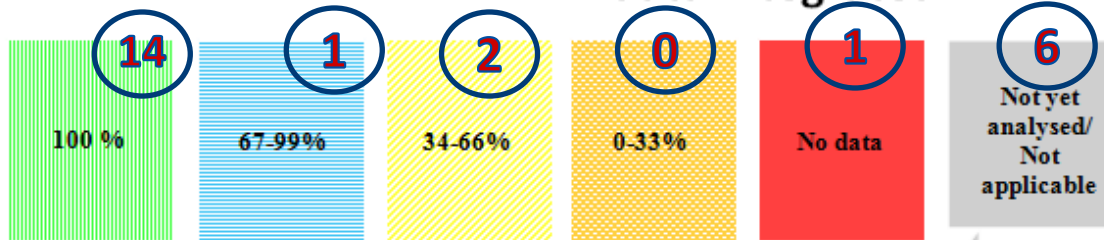


Seamless item 180: ADS-B airspace

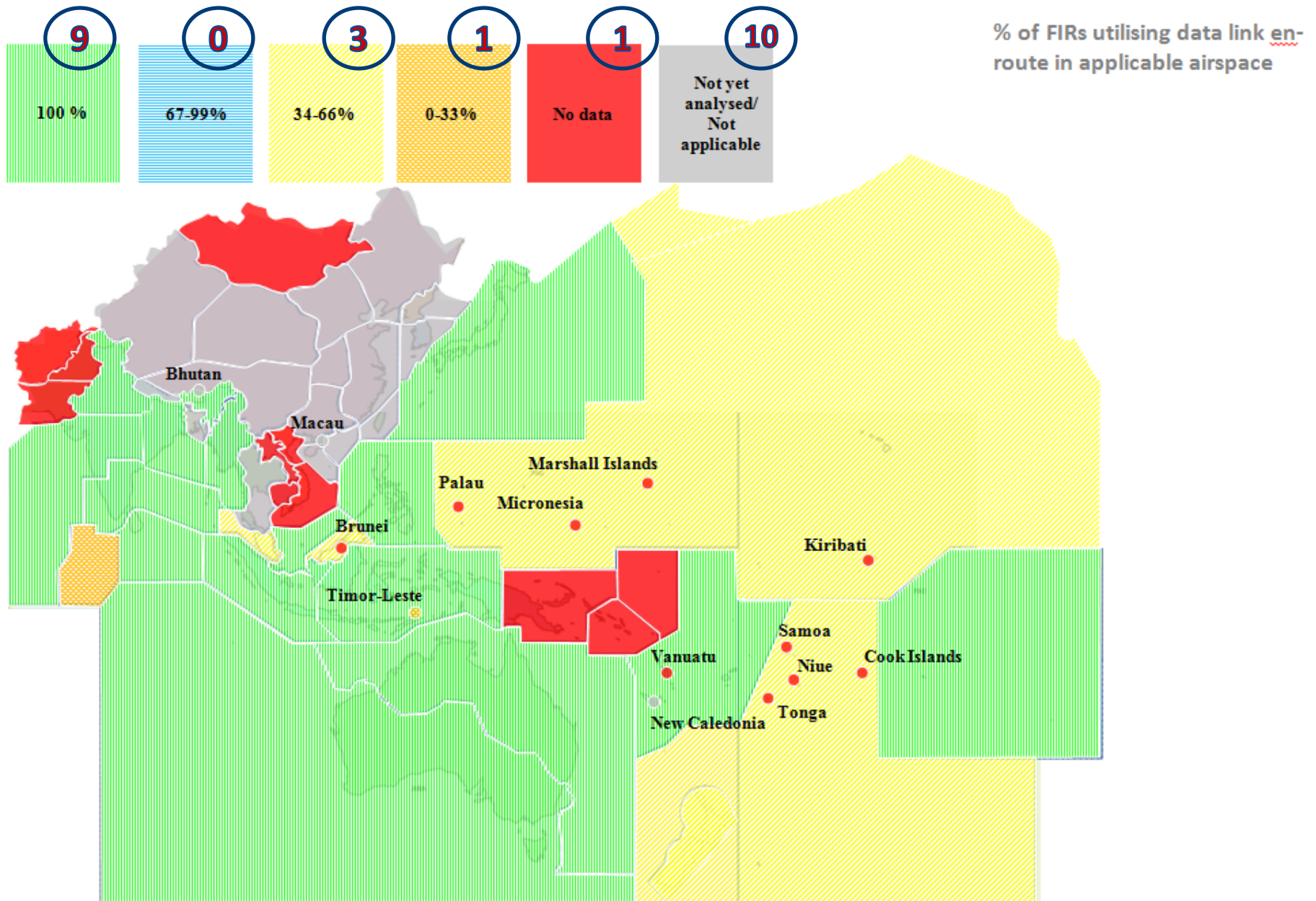


Seamless item 270: ATS Surveillance with data Integrated

% of ACCs with ATS Surveillance using ADS-B, MLAT or radar in Category S airspace, and having data integrated into the ATC system situation display

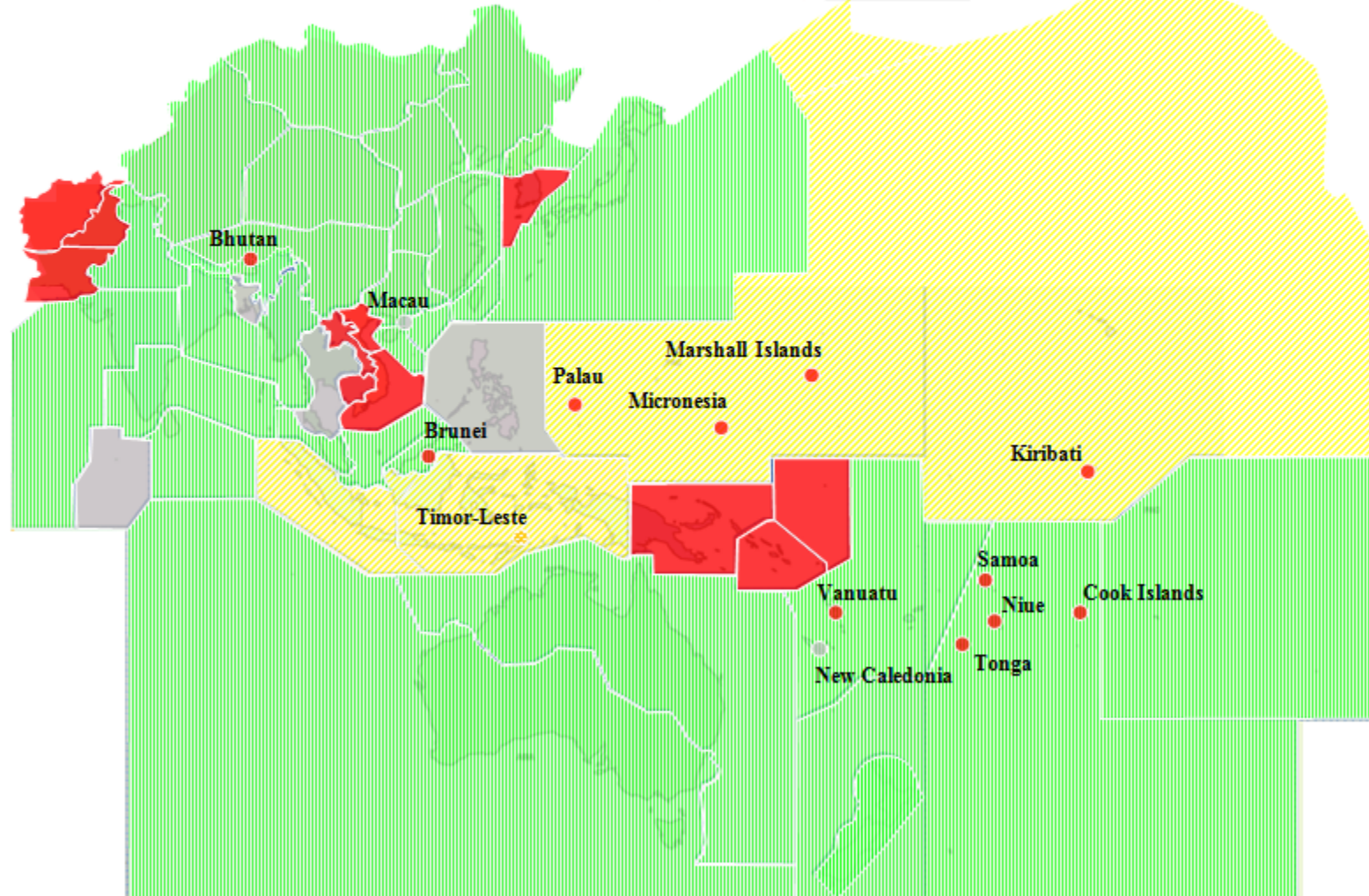
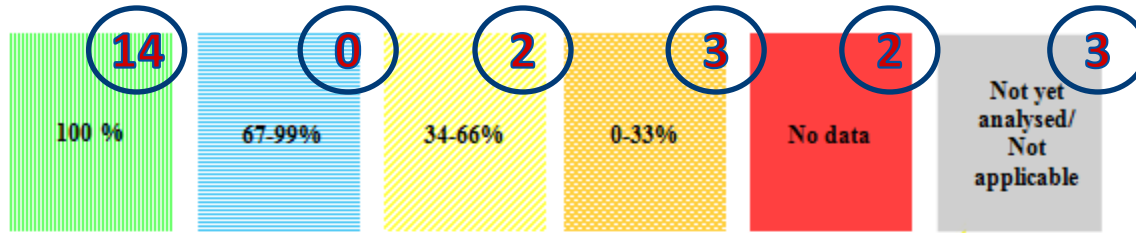


Seamless item 280: ADS-C and CPDLC



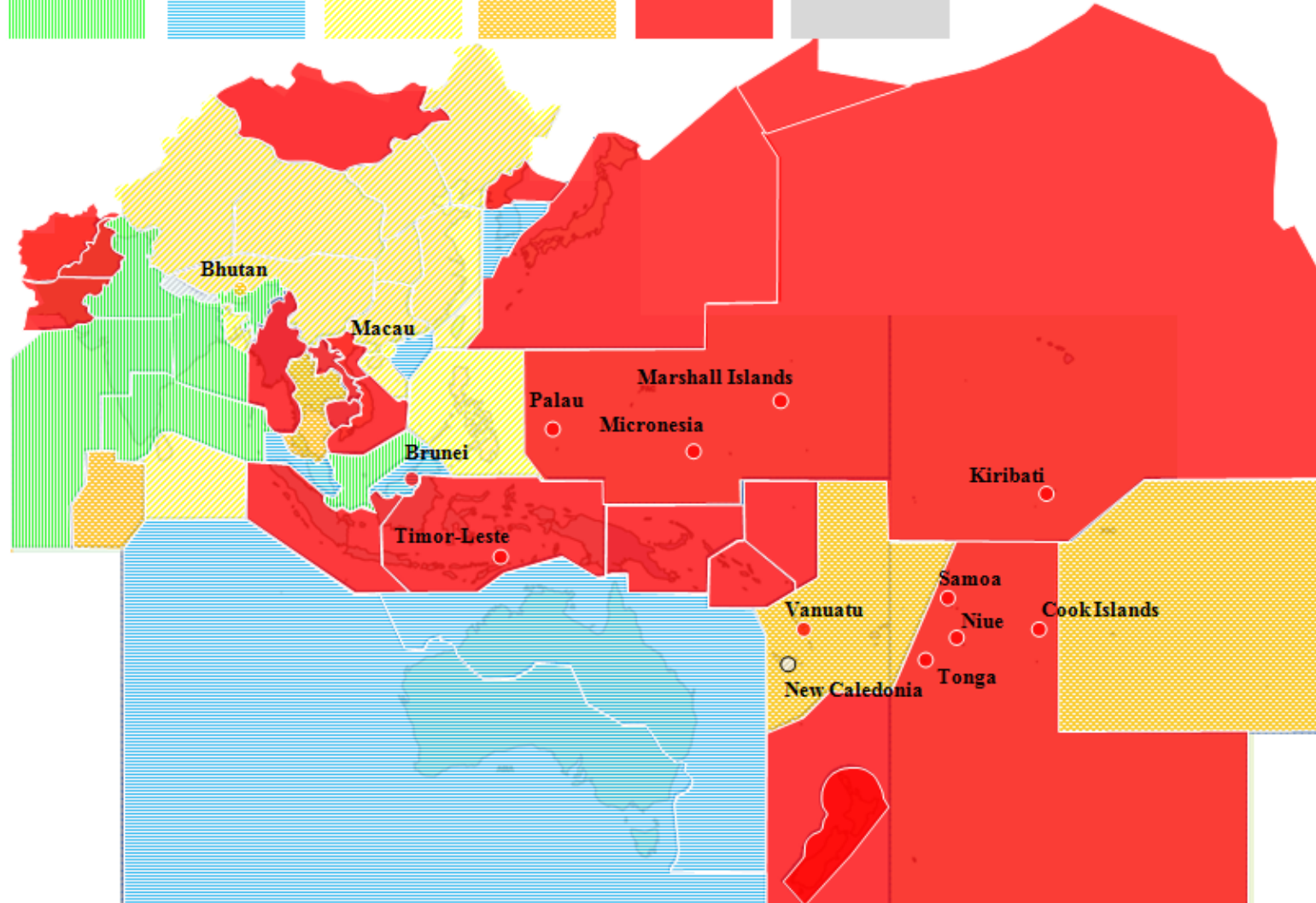
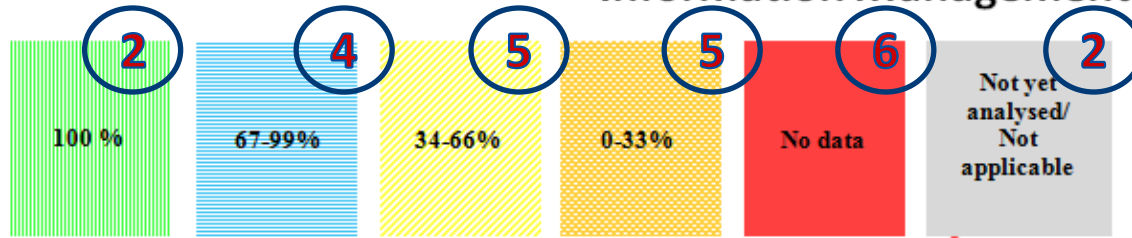
Seamless item 220: AIDC

% of FIRs within which all applicable ACCs have implemented at least one interface to use AIDC / OLDI with neighbouring ACCs



Seamless item 300: Aeronautical Information Management

% of Phase 1 and 2 AIS-AIM elements completed



APANPIRG's 10 regional priorities : trends (Aug. 16)

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- Pace OK     • Pace too slow
• Seamless • Not homogeneous
- 



ACTIONS FOR THE MEETING

Actions for the meeting

- **Missing points of contact**
- **Quality of reporting should be improved**
 - Phase 1: crosscheck inside the State and with reporting done to ICAO regional WG/TF
 - Phase 2: poor reporting
- **National plan**
 - not necessarily a stand-alone document
 - can link to the various existing national plans consistently prioritized

Actions for the meeting (cont'd)

- **Missing reports:**

- Afghanistan;
- Brunei Darussalam;
- Cambodia;
- Lao People's Democratic Republic;
- Myanmar;
- Vietnam
- Cook Islands;
- Kiribati;
- Marshall Islands;
- Micronesia (Federated States of);
- Nauru;
- Palau;
- Papua New Guinea;
- Samoa;
- Solomon Islands;
- Democratic Republic of Timor-Leste;
- Tonga;
- Vanuatu

Actions for the meeting (cont'd)

DGCA Conference Action Item 53/9 for States/Administrations:

- **highest priority to the implementation of the regional priorities**
- **provide resources (CAA and ANSP) to complete phases 1 and 2**
- **align their national strategy with the objectives of phase 2 (November 2019) and phase 3 (November 2022)**

Actions for the meeting (cont'd)

Draft Conclusion XX/XX		- Mobilization of human / financial resources to achieve the Seamless ATM Plan objectives	
What: That, noting that most States/Administrations are not achieving the expected implementation progress of regional priorities for Air Navigation Systems, States/Administrations should:		Expected impact:	
a) give highest priority to the implementation of regional priorities and provide human/financial resources to CAAs and ANSPs to complete Seamless ATM phase I implementation; and		<input checked="" type="checkbox"/> Political / Global	
b) mobilize human and financial resources to plan for timely implementation of phase 2 and phase 3 elements assessed as relevant by their national gap analysis..		<input type="checkbox"/> Inter-regional	
		<input checked="" type="checkbox"/> Economic	
		<input checked="" type="checkbox"/> Environmental	
		<input checked="" type="checkbox"/> Ops/Technical	
Why: The ten regional targets planned for completion in November 2015 were far from being achieved as of August 2016; the second cycle of the seamless ATM planning is starting and needs focus from high decision makers to mobilize adequate resources.			
When: 9-Sep-16	Status: To be adopted by PIRG		
Who: <input type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:			

Additional information

- **Regional picture:** <http://www.icao.int/APAC/Pages/ATMReport.aspx>
- **Assistance: contact** apac@icao.int
- **To report:** https://portal.icao.int/RO_APAC/Reporting/Pages/default.aspx
- **How to:**
https://portal.icao.int/RO_APAC/Reporting/Documents/How%20to%20-%20Seamless%20ATM%20online%20reporting%20-%20061114.pdf



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THANK YOU