



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

*A United Nations Specialized Agency*

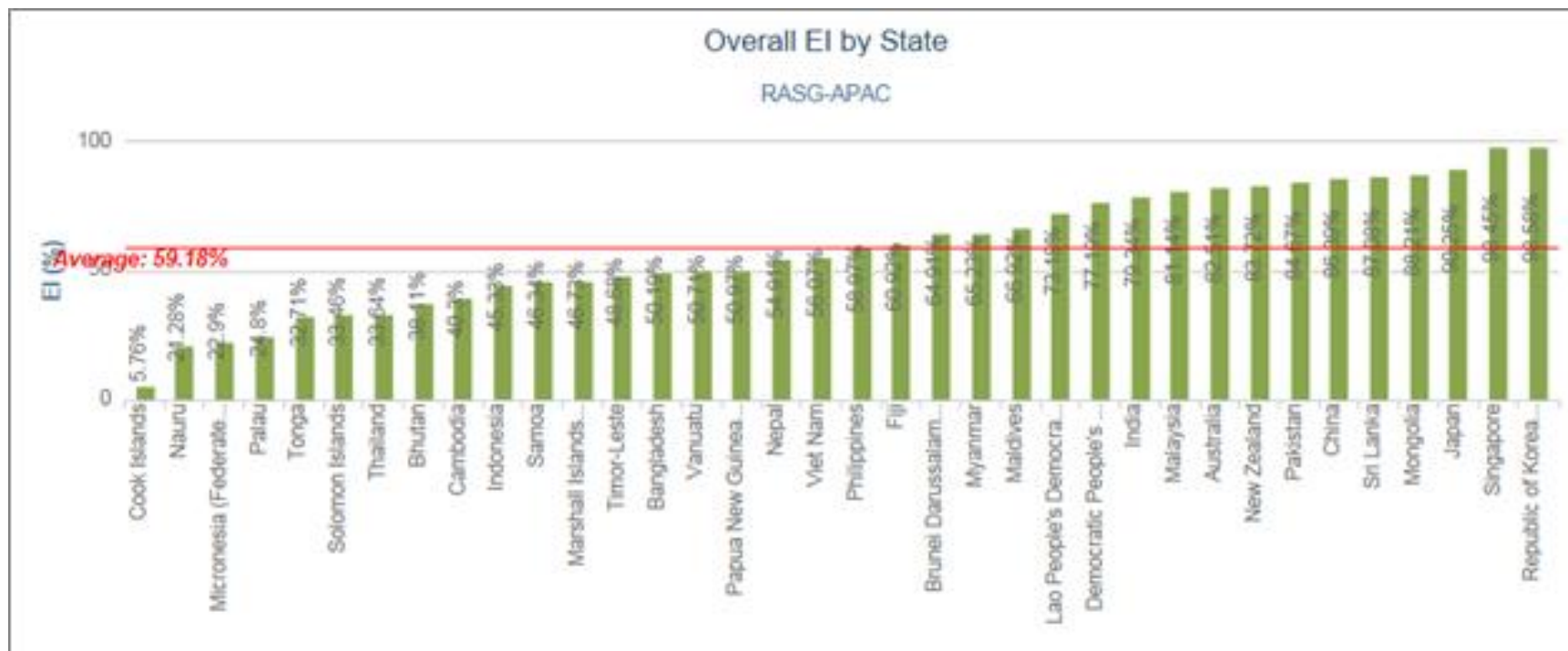
APANPIRG/27 – IP/15

# **APAC CAT (Combined Action Team) Mission for Safety Oversight in APAC States with low EIs**

# Background



- Average of Effective Implementation (EIs) of the Asia Pacific Region is 59.18%.
- 19 States in the region have lower EIs below the global average.



# CAT Objectives



- On-site guidance for low EI states by a group of SMEs
- Work Together with State Inspectors on CMA OLF specifically how to deal with a PQ, prepare and implement a CAP and Self Assessment.
- Assistance to address the non-satisfactory protocol questions to improve the EIs to reach above the global average EI by mid-2018.

# CAT :How It Works

## STATE FOCAL POINTS



## ICAO APAC CAT EXPERTS

# CAT Objectives



- APAC CAT Focus:
  - Assessments and Gap Analysis
  - Capacity Building by identifying actual needs
  - Training - Understanding the PQs intent
  - Training to use CMA OLF on PQ, CAP and Self Assessment
  - Expert advice, guidance on implementation

# APAC CAT Missions



- The APAC CAT programme has initially targeted 10 States with low EIs.
- Five Day Mission with 5-6 Subject Matter Experts SMEs
- Pool of SMEs from Regional Office, States, COSCAP, EASA and Industry Partners
- Regional/Sub Regional SMEs to reduce cost of travel

# APAC CAT Missions



	State	Total EI	LEG	ORG	PEL	OPS	AIR	AIG	ANS	AGA
1	Bhutan	38.11	<u>39.13</u>	<u>22.22</u>	<u>57.81</u>	<u>51.64</u>	<u>53.57</u>	<u>1.03</u>	<u>11.41</u>	68.99
2	Bangladesh	50.26	<u>31.82</u>	<u>45.45</u>	66.25	80.99	72.97	<u>3.09</u>	<u>34.36</u>	<u>54.68</u>
3	Cambodia	40.36	72.73	<u>33.33</u>	<u>59.76</u>	<u>51.97</u>	61.95	<u>16.49</u>	<u>21.35</u>	<u>39.04</u>
4	Indonesia	45.33	<u>31.82</u>	<u>20.00</u>	<u>33.33</u>	<u>38.41</u>	61.38	<u>31.48</u>	<u>51.44</u>	<u>44.9</u>
5	Nepal	54.91	<u>30.43</u>	<u>27.27</u>	69.05	<u>51.28</u>	74.55	<u>20.41</u>	<u>51.81</u>	68.84
6	PNG	50.97	86.96	63.64	<u>29.49</u>	<u>29.51</u>	71.68	<u>25.77</u>	61.14	61.59
7	Philippines	58.91	90.48	81.82	80.77	83.06	88.29	<u>44.33</u>	<u>35.23</u>	<u>38.13</u>
8	Thailand	33.57	<u>27.27</u>	<u>7.69</u>	<u>35.87</u>	<u>10.07</u>	62.6	<u>41.67</u>	<u>29.81</u>	<u>32.69</u>
9	Timor-Leste	48.68	72.73	<u>33.33</u>	<u>37.04</u>	85	98.28	<u>46.39</u>	<u>33.33</u>	<u>25.56</u>
10	Viet Nam	56.07	66.67	<u>45.45</u>	62.34	66.94	75.23	68.42	<u>39.18</u>	<u>42.66</u>



# CAT for NCLB

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HARMONIZATION

STATE

FILL THE GAPS



ICAO



# CAT Mission Plan



• Thailand	25-29 April 2016	Completed
• Cambodia	09-13 May	Completed
• Indonesia	11-15 July	Completed
• Philippines	26-30 September	State confirmed
• Myanmar	3-7 October	Under coordination
• Bhutan	14-16 October	Under coordination
• Nepal	21-25 November	Under coordination
• Bangladesh	27 Nov. – 1 Dec.	State confirmed
• Viet Nam		Cancelled
• Timor-Leste		Under coordination
• Papua New Guinea	10-14 October	Under coordination
• Solomon Islands	6-9 December	State confirmed
• Tonga	6-9 December	Under coordination

# CAT Targets & Expected Outcomes



- States to improve EI by 10-15% within one year
- All States to start using OLF and updating CAPs regularly by 2017
- CAT visits to strengthen the link between ICAO and the States
- Mentor from RO to follow up with the States
- Second visit based on feedback from States



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## **STATE FEEDBACK**

**State not only responsive but appreciate ICAO action**

**States fully engaged with CAT Team**

**States requesting repeat CAT mission at their cost**

**Direct link established between Experts of State &**

**Regional Office**

# Challenges

- Sustainability of CAT
- CAT in Pacific Island States
- Availability of SMEs
- More Industry Involvement
- CAT for Aviation Security
- Training of Inspectors



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THANK YOU

# Background





# Composition of APAC CAT Missions



- Bhutan 5 experts; LEG/ORG, PEL/OPS, AIR, ANS, Mentor
- Bangladesh 5 experts; LEG/ORG, PEL, ANS, AGA, Mentor
- Cambodia 4 experts; LEG/ORG, PEL/OPS/Mentor, ANS, AGA
- Indonesia 5 experts; LEG/ORG, PEL/OPS, AIG, ANS/Mentor, AGA
- Nepal 6 experts; LEG/ORG, PEL/OPS, AIR, AIG, ANS, Mentor
- PNG 3 experts; PEL/OPS, ANS/Mentor, AGA
- Philippines 5 experts; AIG, ANS (2), AGA, Mentor
- Thailand 7 experts; LEG/ORG, PEL/OPS, AIR, AIG, ANS, AGA, Mentor
- Timor-Leste 5 experts; LEG/ORG, PEL, ANS, AGA, Mentor
- Viet Nam 4 experts; LEG/ORG, ANS, AGA, Mentor

*Note: AIG expert will be sourced from EASA/Singapore where necessary. Indonesia, Nepal, Philippines and Thailand may be considered because of traffic volume and accident rates in States.*

# APAC CAT Process



- The APAC CAT Mission can be divided into the following phases:
  - Phase I; Preparation
  - Phase II; coordination with State
  - Phase III – On site Deployment
  - Phase IV- Action Plan and recommendations
  - Phase V- Follow Up

# CAT Expenses



The visits to 10 States - fully funded by the ICAO including missions by COSCAP-CTAs and State experts. Travels for EASA AIG experts should be funded by EASA

- Airfare 40 x 1300 (average)      USD 52,000
- DSA 40x 5 x 200 (average)      USD 40,000
- Terminal allowances 40x4x38      USD 6,080

Total estimate USD 98,080