



INTERNATIONAL CIVIL AVIATION ORGANIZATION
A United Nations Specialized Agency



APAC **F**light **P**rocedure **P**rogramme

APAC FPP Coordinator, Ying Liu



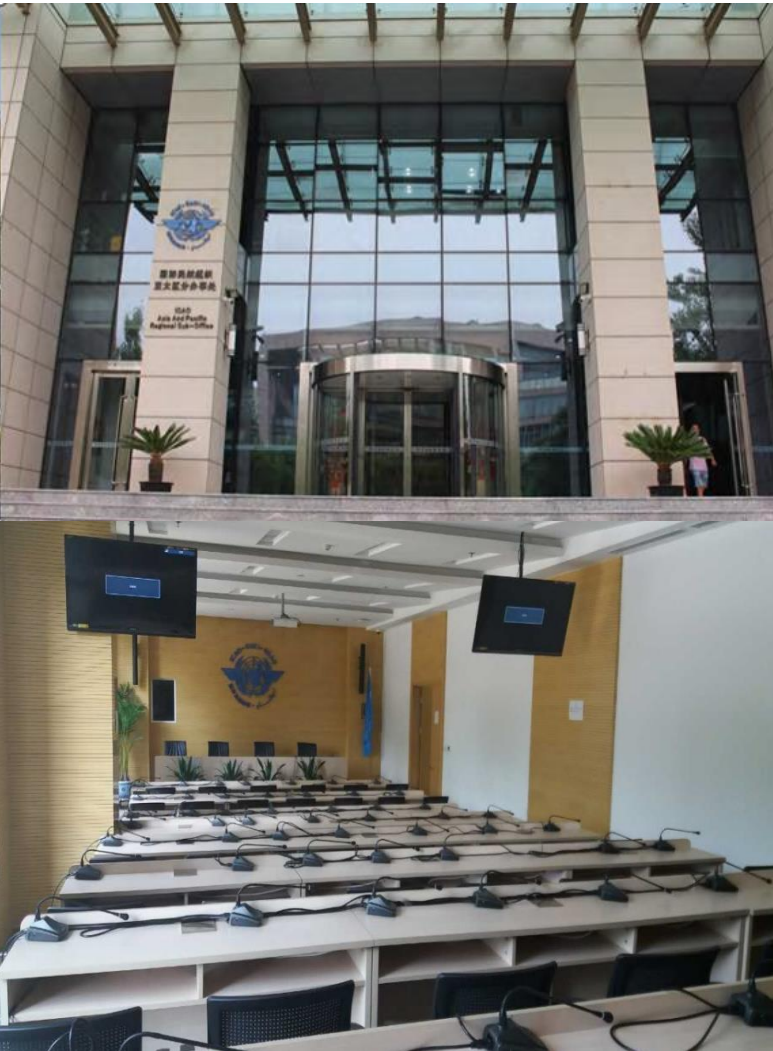
- To support ICAO Assembly Resolution A36-23 and then A37-11 on PBN implementation, ICAO Asia-Pacific PBN Task Force recommended ICAO APANPIRG to establish the FPP.
- In September 2009, APANPIRG/20 meeting endorsed the concept.
- With supports from the Civil Aviation Administration of China (CAAC), the FPP office was established in October 2009 and located in Beijing, China hosted by the China Academy of Civil Aviation Science and Technology (CAST).
- In June 2013, co-located with APAC RSO.
- In 2022, the FPP SCM endorsed the extension to Phase V (2024-2026).



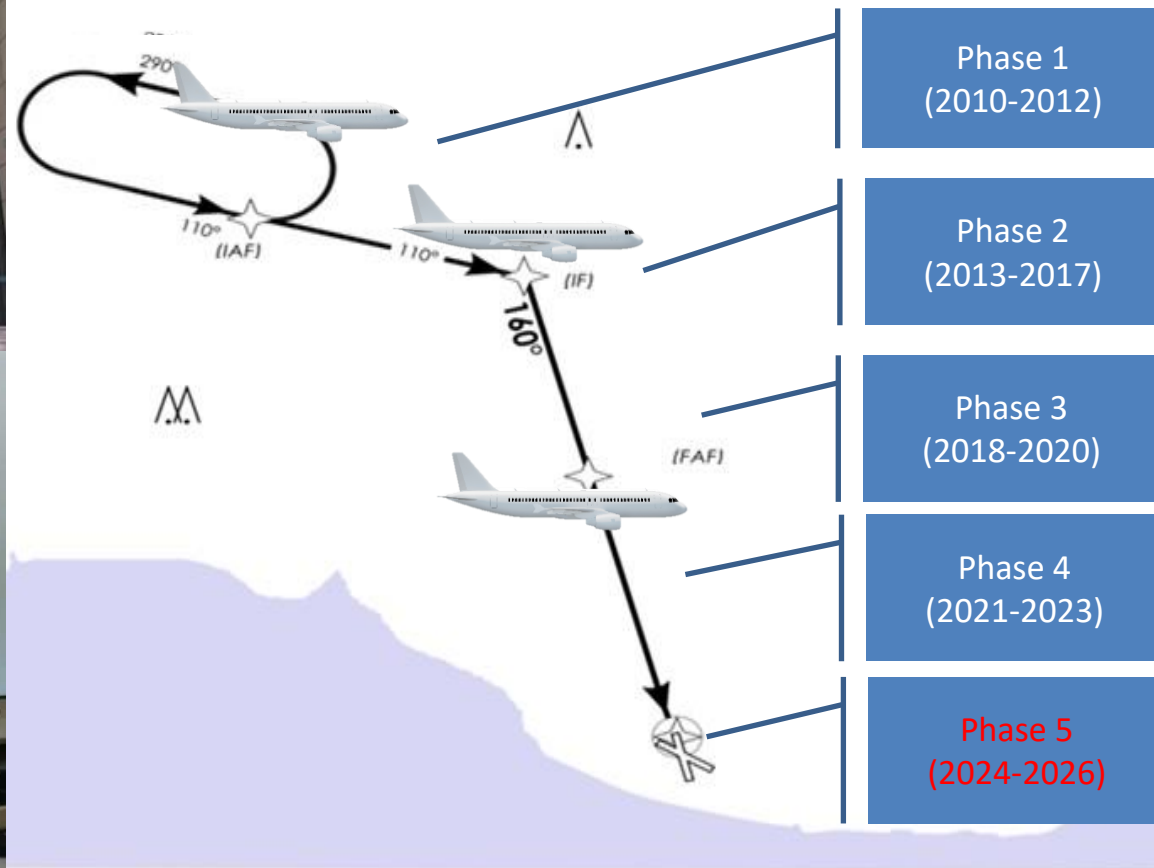
FPP objectives

To assist States to develop sustainable capability in the instrument flight procedure (IFP) domain so as to meet their commitments under Assembly Resolutions relating to PBN implementation and their obligations for the quality of their flight procedures, which will be accomplished through training, assistance with quality assurance and procedure design processes and access to IFP-related software solutions





FPP Phases



MEMBER STATES



- **9 Active Members (SCM members)**
 - Funding By Annual Contribution (\$20,000)

+ ACTIVE STATES

9 active participating States/Administrations, including the Host State which participate in the Programme funding by annual contributions and is a Member of the Steering Committee.



Australia



China



France



Hong Kong



Macau



Philippines



Rep. of Korea



Singapore



Thailand

+ USER STATES

12 user States/Administrations which uses the Programme and shall bear certain expenses for assistance provided to but does not participate in the Programme funding by annual contributions.



Lao



Malaysia



Papua New Guinea



Myanmar



Pakistan



Vietnam



Cambodia



Maldives



Nepal



Sri Lanka



Fiji



Mongolia

FPP Steering Committee

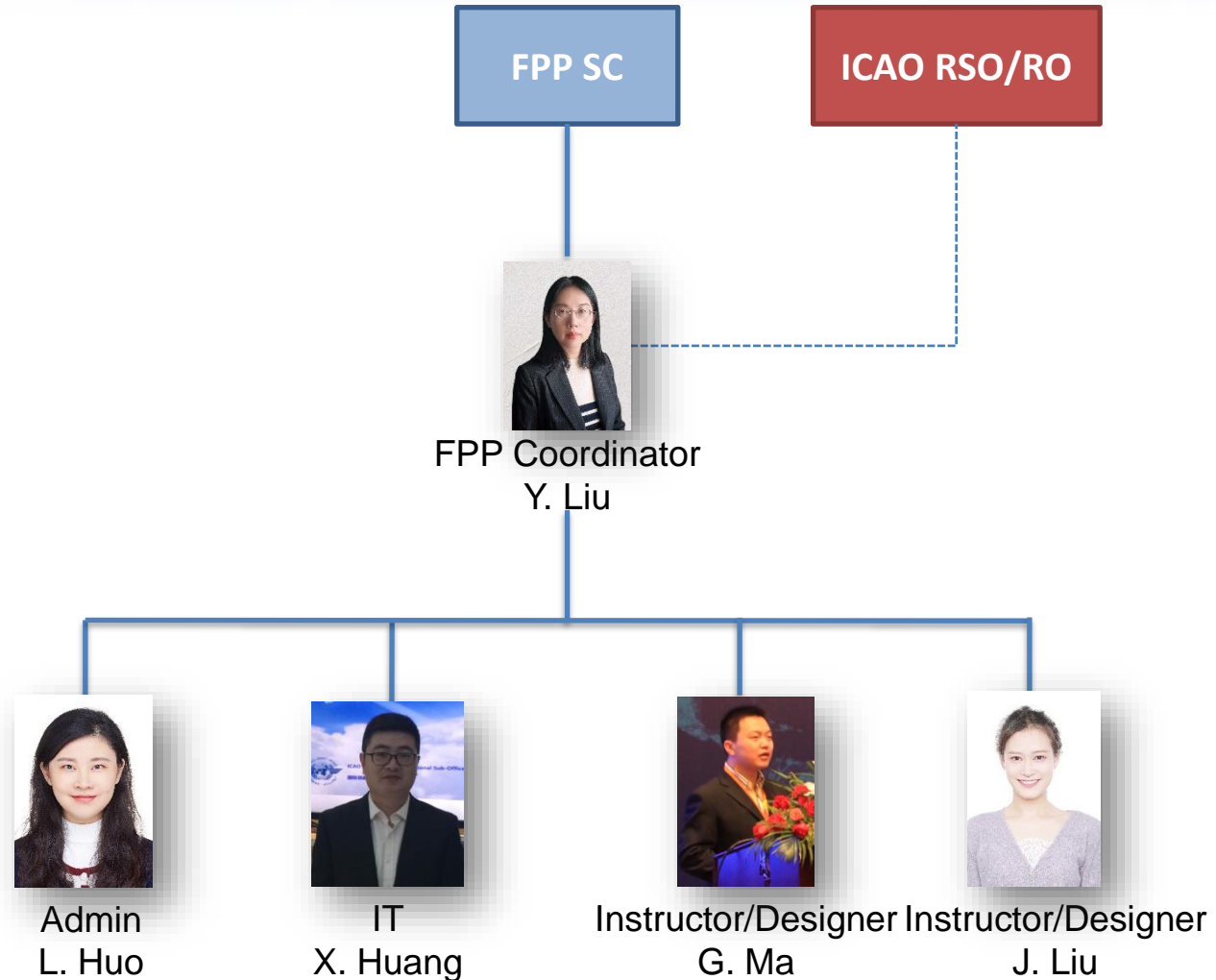
- ❑ Steers the programme mainly through
 - Set up the strategy forward and strategic targets
 - Setup the priority of activities
 - Develop and approve the work programme and the acquisition of resources

Oversight and Consultations from ICAO

- ❑ Managerial and technical matters
 - ICAO Asia-Pacific Regional Office
- ❑ Administrative and financial matters
 - ICAO Capacity Development and Implementation Bureau (CDI)



Who We Are



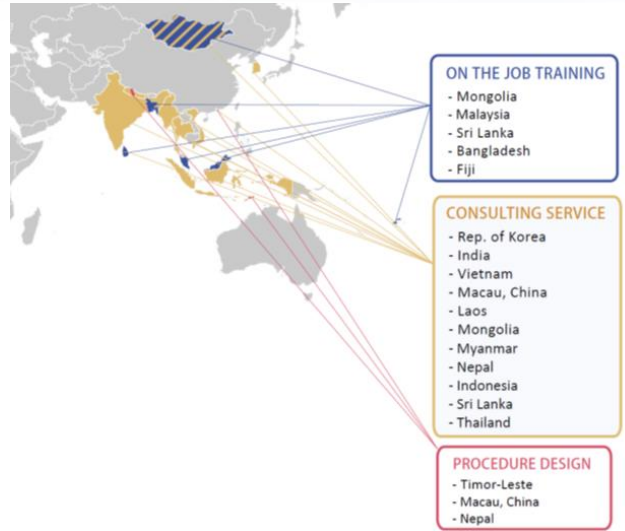
WHAT WE DO?



“No country left behind” in the instrument flight procedure domain to develop APAC states’ capabilities in IFP design through training, project consulting and flight procedure design.

Making REGIONAL progress in terms of safety, efficiency and environmental improvement.

WHAT WE HAVE DONE



Training

Courses and Workshops

90 Total

From **35** States/Administrations

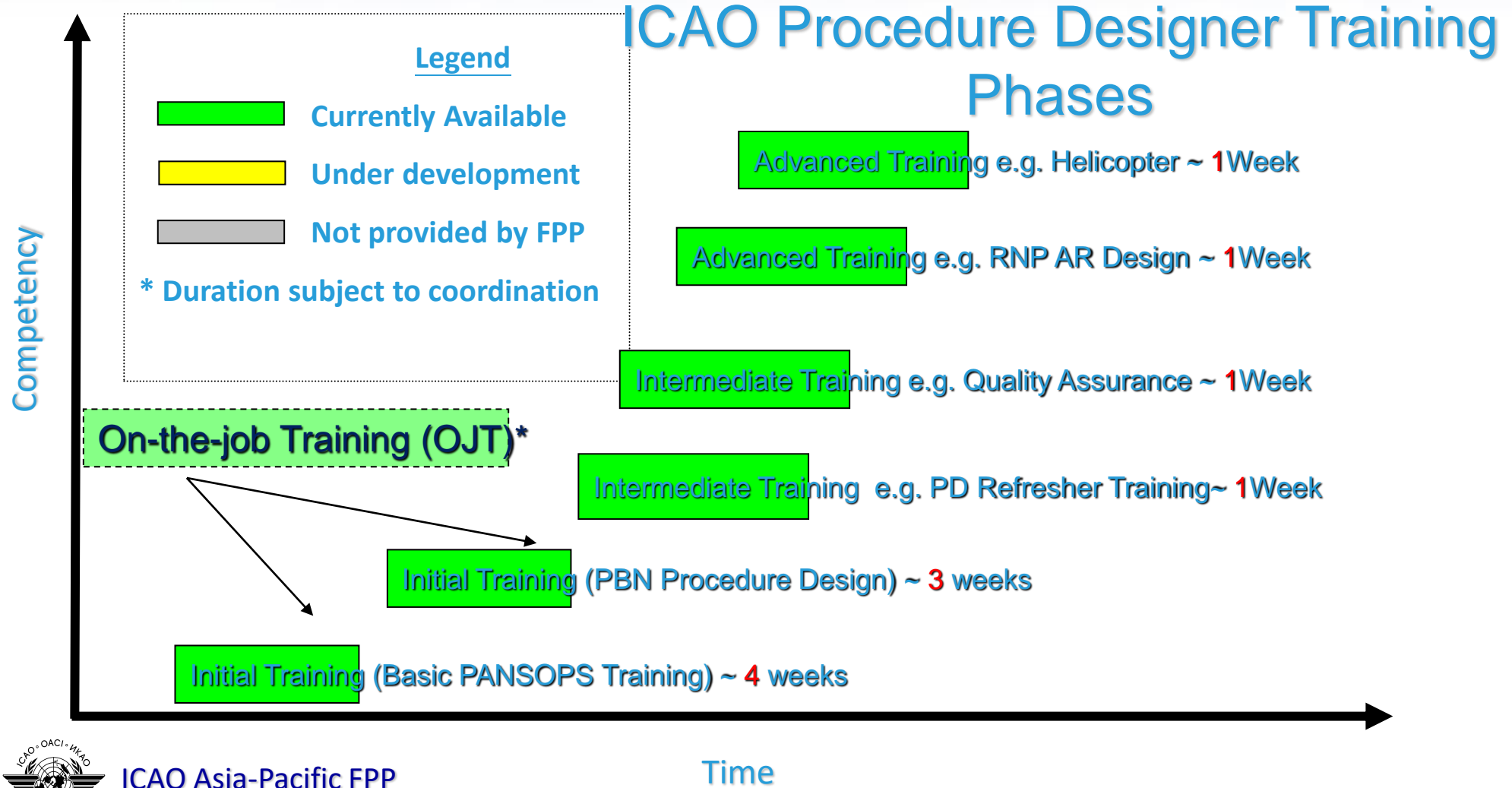
948 Days

2930
Total overall participants

182 more students
Compare with Number of Participants in 2022



WHAT WE DO?



ICAO Asia-Pacific FPP

Training

With the gradual improvement of the COVID-19 Pandemic situation in 2023, FFP adopted a **gradual approach** from **online training**, transition to **online-based, onsite as a supplement**, and finally to **onsite-based, online as a supplement**. Through the efforts of FFP and SCM members, especially the Philippines, the willingness of trainees to return to **on-site** training is growing.



Module 1



Module 2



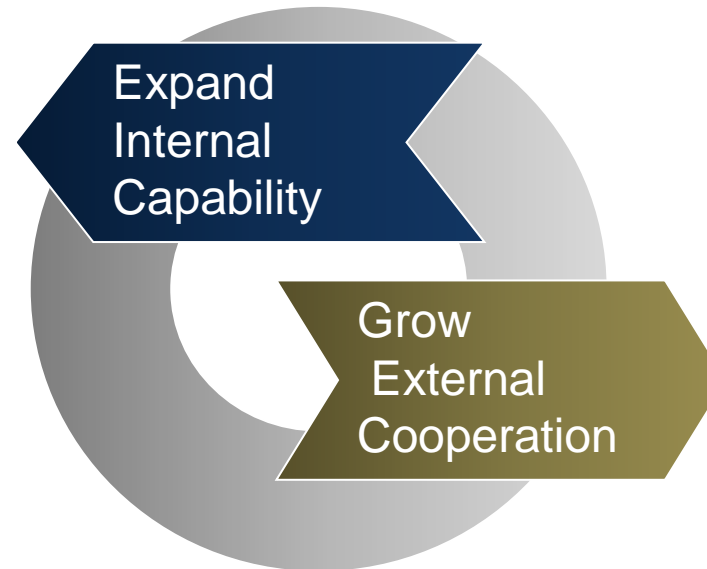
Module 3

Work Plan of 2024

	Date	Activities	Location*	Participants	Strategic Objectives	Organizer
1	27-28 Feb	PBN flight procedure design workshop for ATC	Online / Beijing	FPP and APAC	Expand Value Creation	FPP
2	15-17 Apr	Procedure Design Refresher Course	Online / Beijing	FPP and APAC	Expand Value Creation	FPP
3	21-24 May	Charting-Coding workshop	Beijing/Online	FPP and APAC	Expand Value Creation	FPP
4	17 Jun-12 Jul	Pans-Ops Procedure Design Initial Course	Beijing/Online	FPP and APAC	Expand Value Creation	FPP
5	09-27 Sep	PBN Procedure Design Course	Bangkok / Online	FPP and APAC	Expand Value Creation	FPP/Host State
6	11-15 Nov	RNP-AR Workshop	TBD**	FPP and APAC	Expand Value Creation	FPP

The Strategy Forward for FPP Phase 5

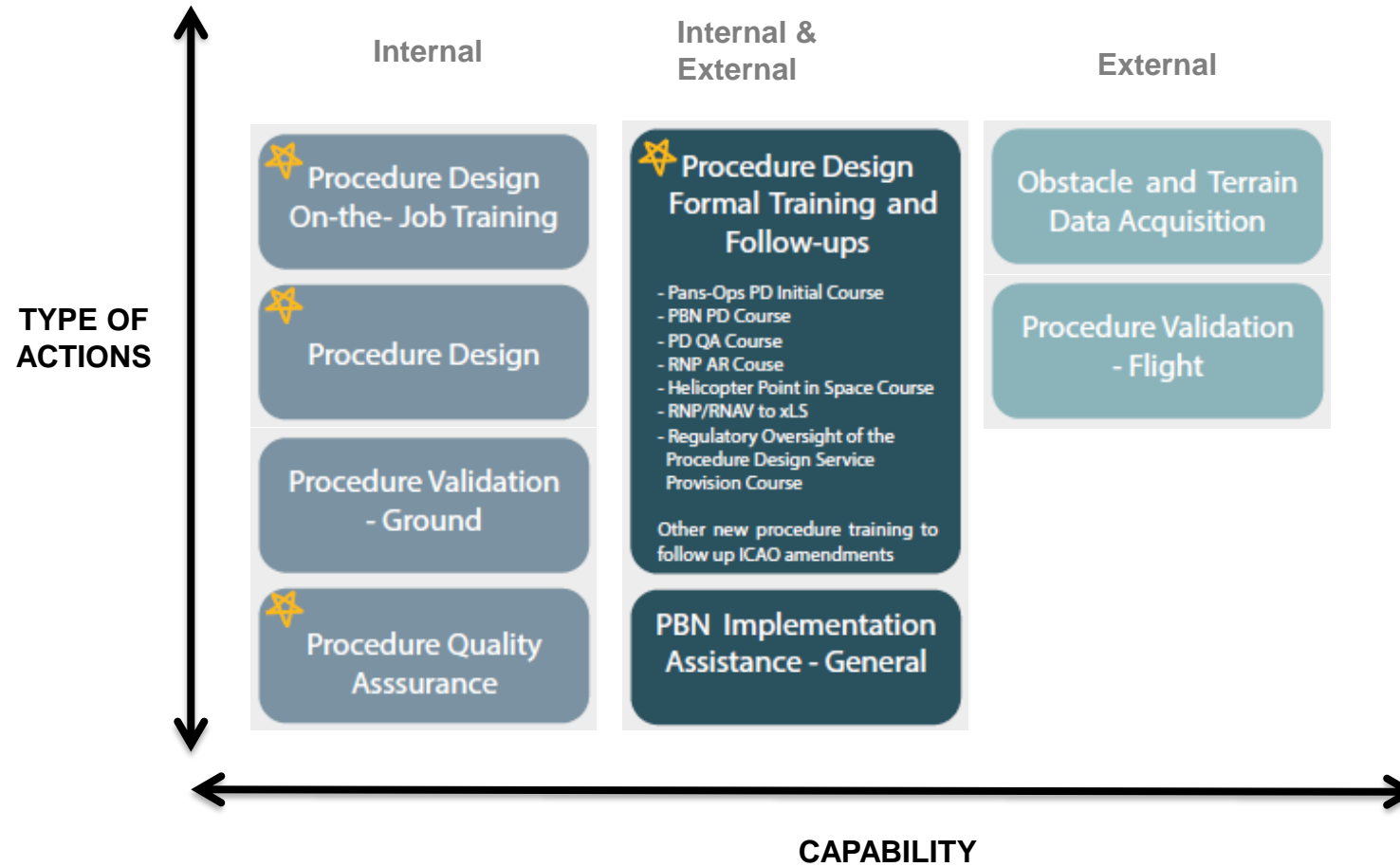
- ❑ Training and consulting
- ❑ Assistance the advanced terminal operations and terrain/airspace challenged
- ❑ develop new courses and relevant courseware
- ❑ Human capability building
- ❑ flight procedure design automation software capability
- ❑ Technical support to APAC states



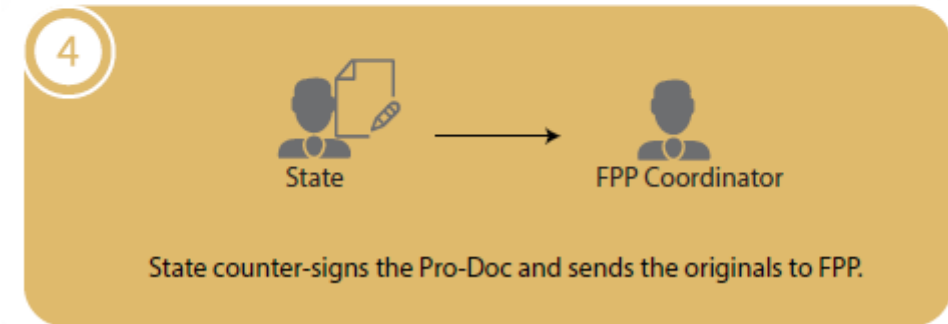
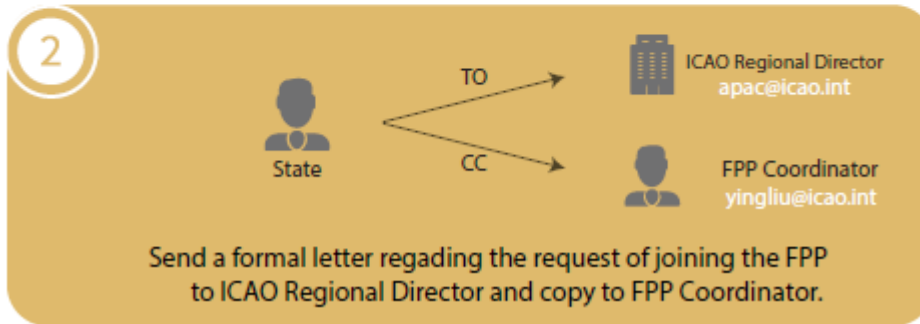
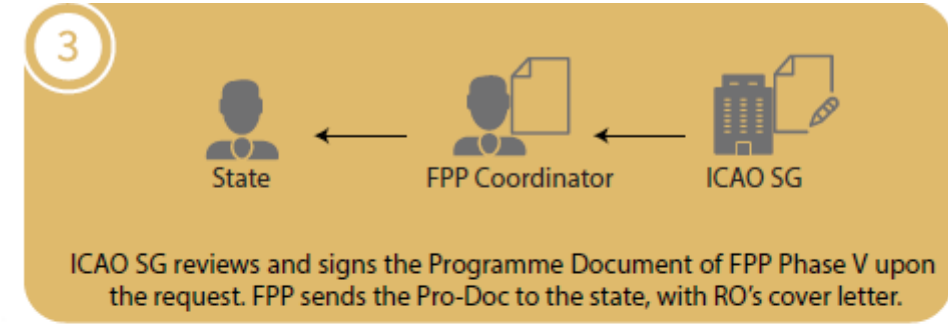
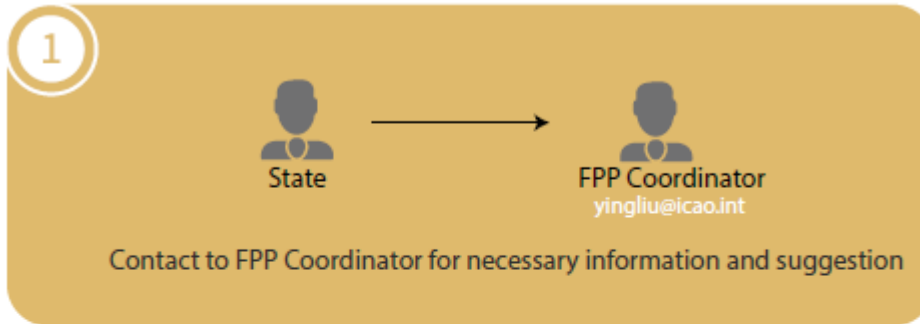
- ❑ Enhance cooperation with members and potential partners
- ❑ Seminar and workshops
- ❑ Share the Flight Procedure Design experience and training courseware with AFI and MID FPPs.
- ❑ Work with RSO, COSCAPs, Aircraft manufacturers, instrument flight procedure designers
- ❑ Provide a series of workshops and technical support visits
- ❑ Participations in ICAO and other relevant international forums

Endorsed at the 14th FPP Steering Committee Meeting

Scope of Activity for FPP Phase 5



HOW TO BECOME A FPP MEMBER



Welcome to participate the program



ICAO

More info through: <https://www.icao.int/APAC/APAC-FPP/Pages/default.aspx>

Thanks



Any questions?

