



ICAO UNITING AVIATION

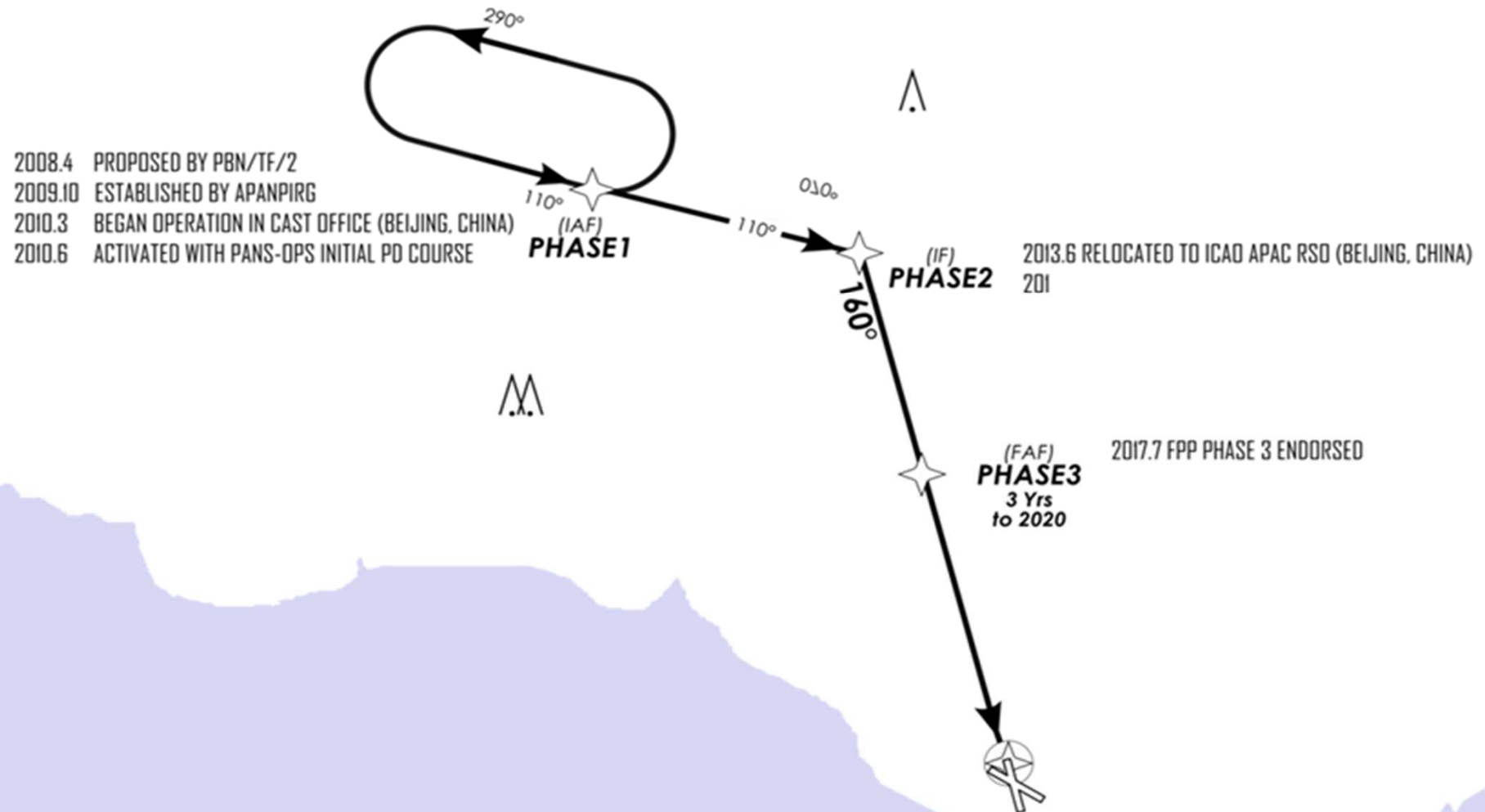
Overview of ICAO APAC FPP

Mr. LIU Song , ICAO APAC FPP Manager

January 2018



FPP History





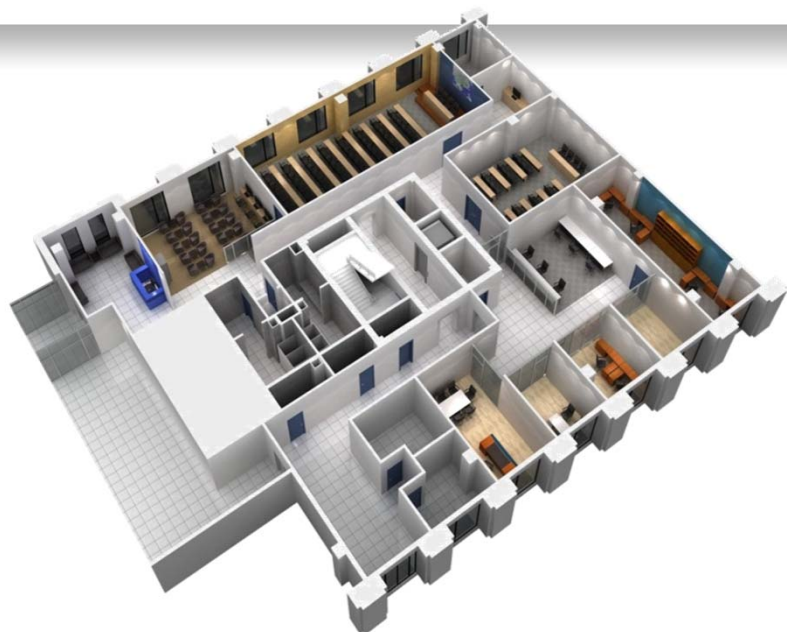
The Eighth Meeting of the ICAO Asia Pacific Flight Procedure Programme Steering Committee (FPP/SC8)

11 - 13 July 2017, Singapore





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FPP Objectives

- **To assist States to develop sustainable capability in the instrument flight procedure (IFP) domain so as to realize the significant safety, access, efficiency and reduced environmental impact benefits of PBN..**
- **Will be accomplished through training, assistance with quality assurance and procedure design processes and access to IFP-related software solutions.**



Member States

10 ACTIVE PARTICIPATING STATES



8 USER STATES



Host State

-the State hosting the FPP

Active Participating States

-the States, including the Host State, which participate in the Programme funding by annual contributions and are Member of the Steering Committee

User States

-the States which use the Programme but do not participate in the Programme funding by annual contributions



FPP Key Tasks

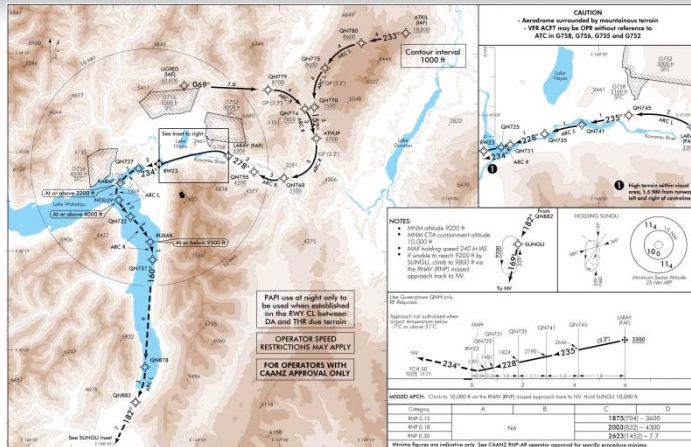


Making Global Progress in terms of Safety, Efficiency and Environmental Improvement.





FPP PD Training Phases



Advanced Training

RNP AR Approach

Helicopter Pins

RNP/RNAV to xLS

Phase 3

PD Quality Assurance

PBN PD Refresher

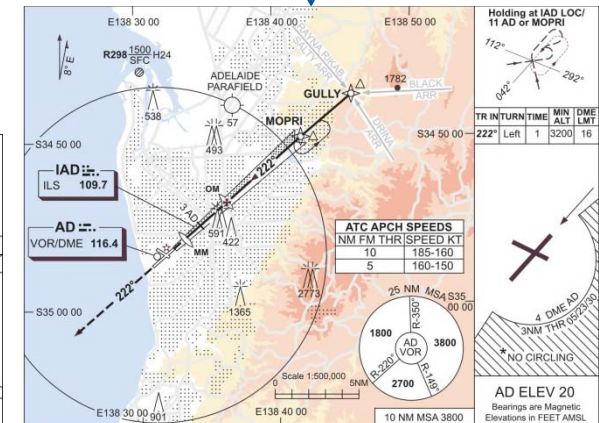
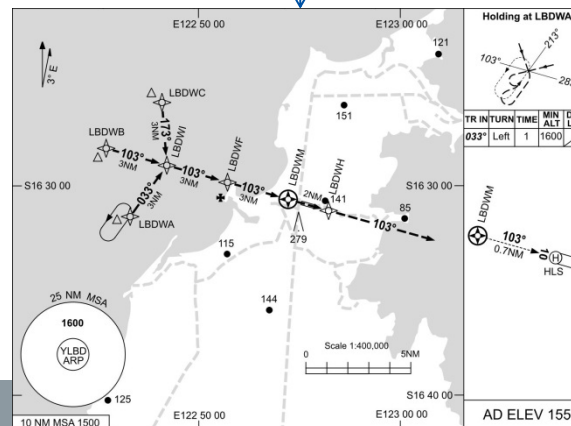
Regulatory Oversight of
PD service provision

On-the-Job Training(OJT)

PANS-OPS Initial PD

PBN Procedure Design

Initial Training





FPP Achievements

2010

2017.12

Courses and Workshops



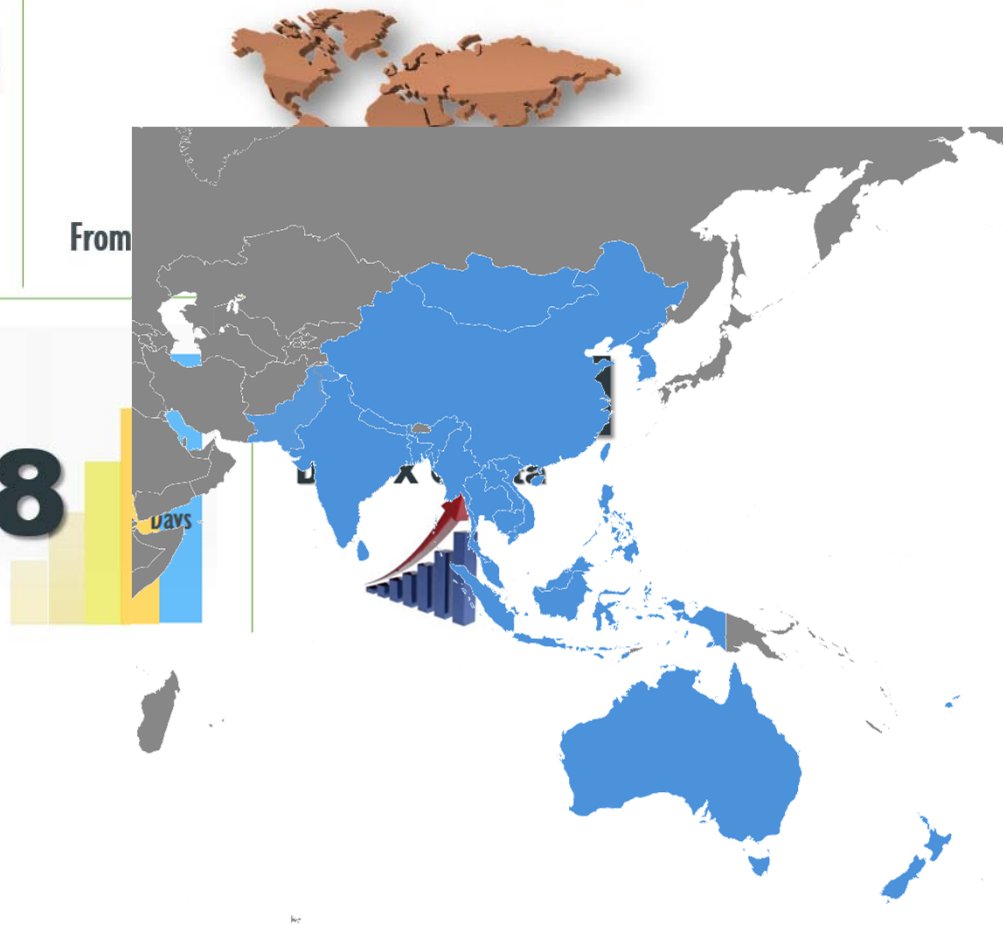
73 Total



1656

Total overall participants

678

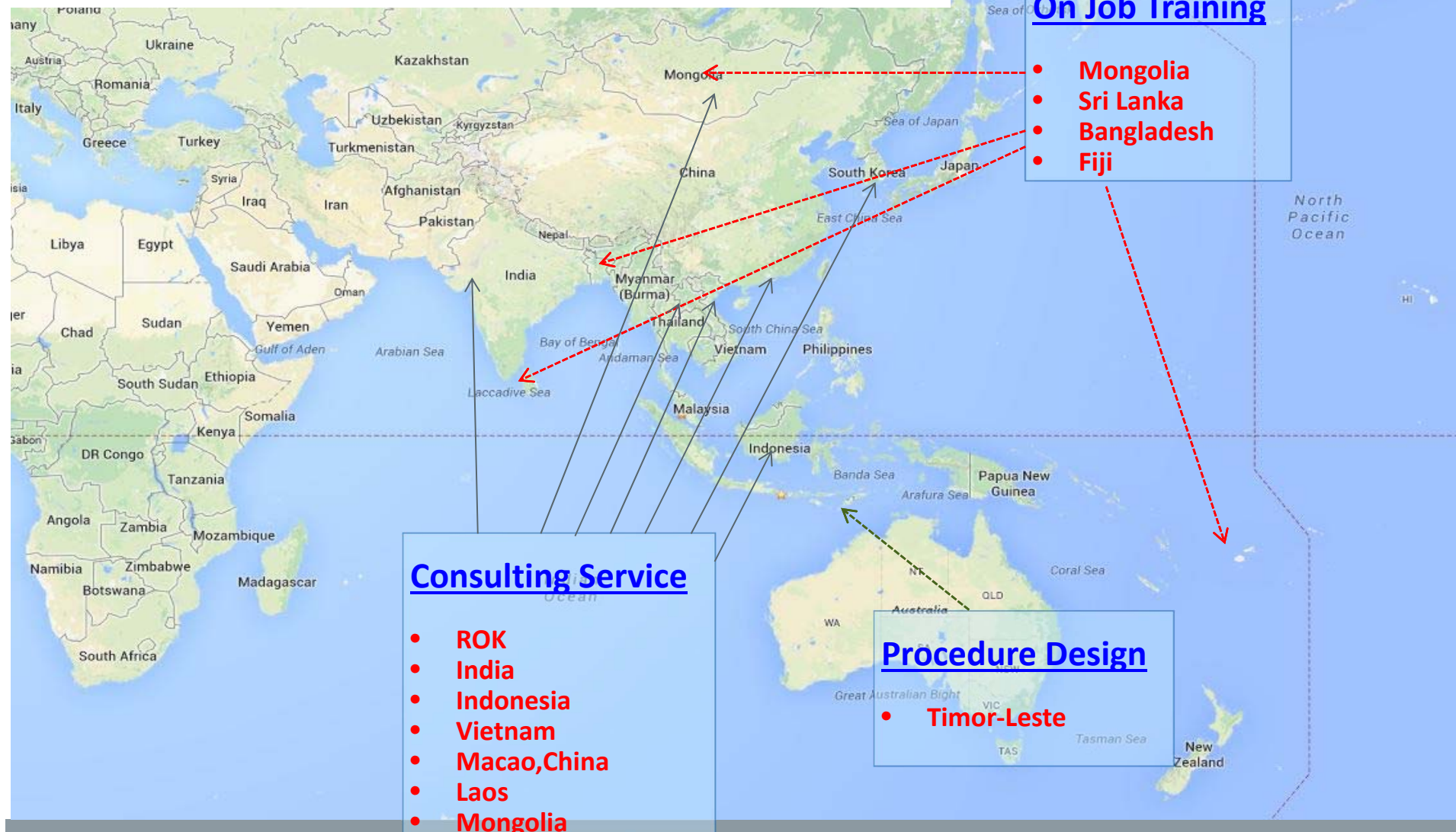


TOTAL 26 STATES / ADMINISTRATIONS

AUSTRALIA
BANGLADESH
BRUNEI
CAMBODIA
CHINA
DPR KOREA
FIJI
HONG KONG, CHINA
INDIA
INDONESIA
LAOS
MACAU, CHINA
MALAYSIA
MALDIVES
MONGOLIA
MYANMAR
NEPAL
NEW ZEALAND
PAKISTAN
PHILIPPINES
REPUBLIC OF KOREA
SINGAPORE
SRI LANKA
THAILAND
TONGA
VIETNAM

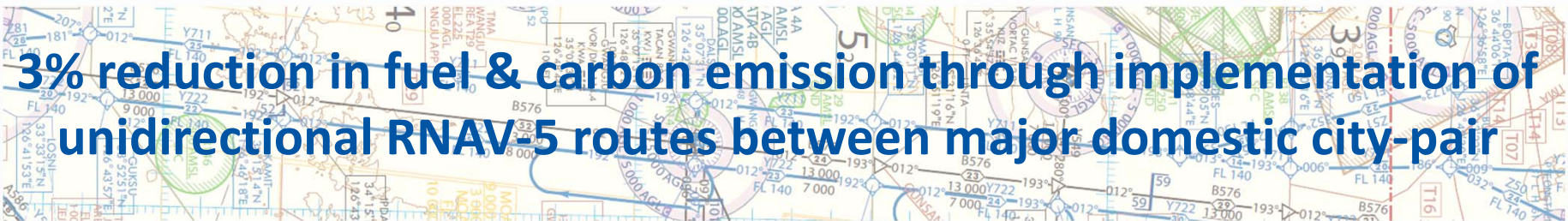


FPP Achievements

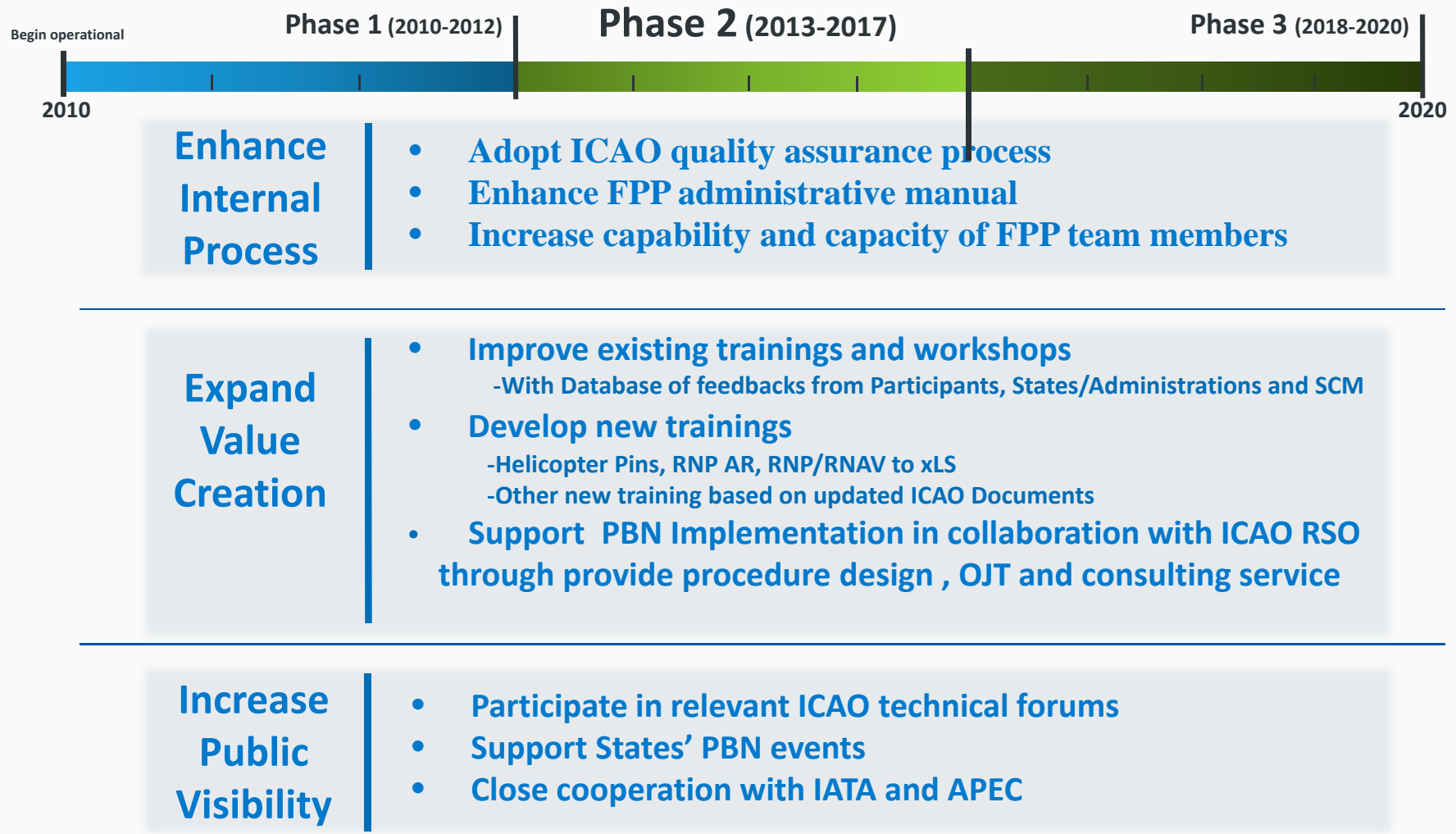


FPP Actual Benefit

Examples.



FPP Strategy Forward



FPP Institutional Framework

- **ICAO**
 - Gives the assistance through
 - Provide International Personnel-FPP manager
 - Recruit experts and staff-secondees, short-time consultants and guest instructors
 - Provide financial management and budgetary control
 - Monitor implementation of the Programme
- **ICAO ANB**
 - Provide technical and operational support and coordination between the FPP's
- **ICAO TCB**
 - Process mission travel requests
 - Procure equipment and services
 - Issue payment request and related correspondence
 - Submit programme document to LEB



FPP Institutional Framework

– Steering Committee

- Steers the programme mainly through
 - Setup the strategy forward and strategic targets
 - Setup the priority of activities
 - Develop and approve the work programme and the acquisition of resources
- Oversee the implementation of the Programme

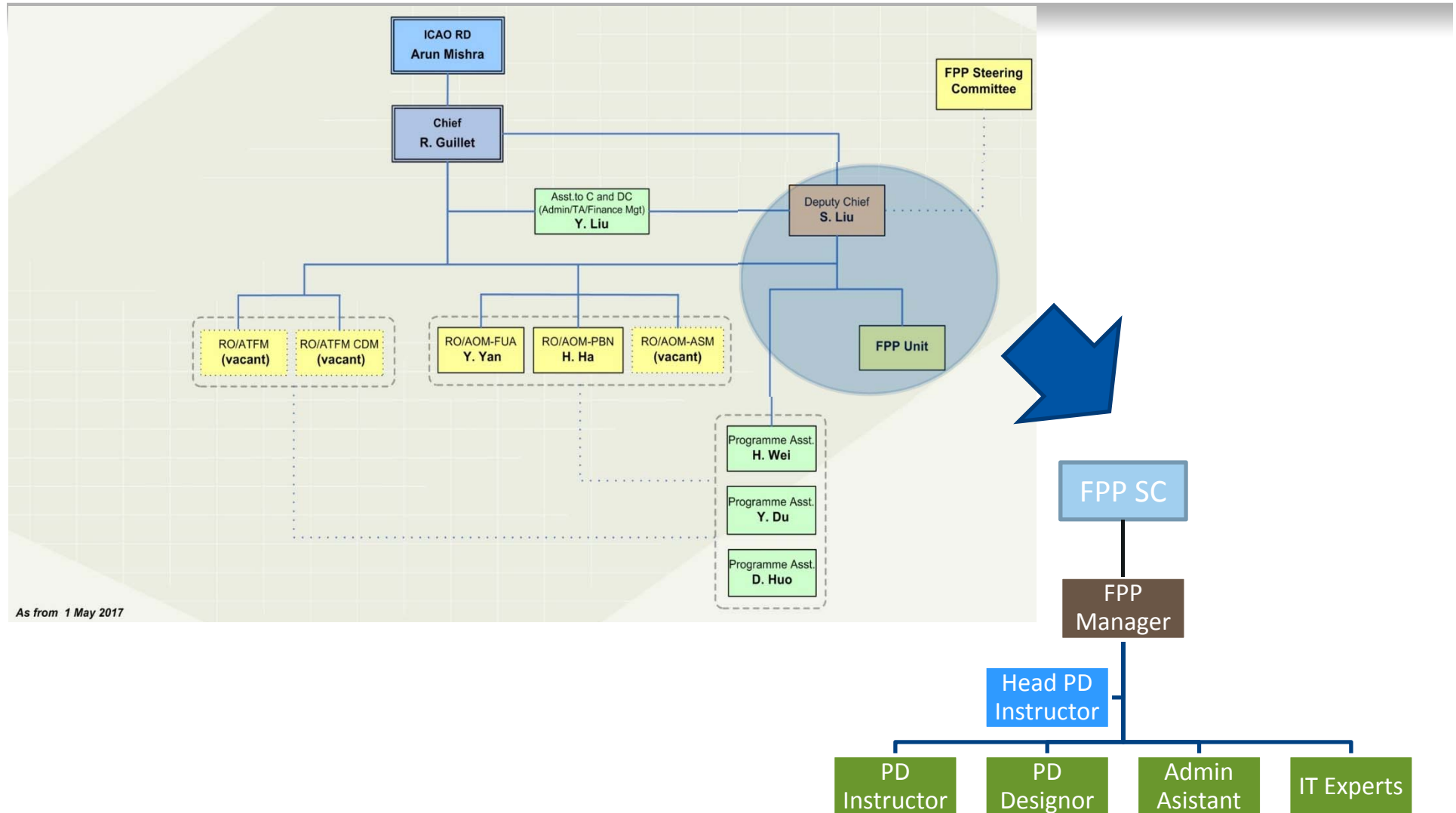


FPP Institutional Framework

– FPP Manager

- **Work with SC to develop work programme based on service requests and safety priorities.**
- **Implement annual work plan approved by SC**
- **Report to SC the implementation of the Programme, provide ICAO with FPP activities report.**
- **Maintain liaison with ICAO HQ and Regional Office, donor/partners and Chairperson of SC.**





FPP Institutional Framework

FPP Funding



- **Active Participating State** commit to fund the Programme by means of an annual contribution in line with approved budget
 - A cost-sharing formula agreed by all Active Participating States
 - In Phase II the annual financial contribution for each member is 20,000 USD
 - Host State – Host the programme-100% waiver of financial contribution
 - ***Donor** State –Provide training material and instructor training-100% waiver of financial contribution



FPP Funding

– User State

- **Support the FPP by seconding and assigning national personnel**
- **Contribute resources such as venue and facilities**

– Training Fee

- **For FPP Member- Free of charge**
- **For non-FPP Member- 1000 USD/ per week**

Lessons Learned

- **Keep close cooperation with ICAO**
 - **Quality Control**
 - **Efficient administrative support**
 - **Necessary collaboration**
- **Focus on procedure design and implementation support**
 - **The most direct and valuable assistance**
- **Advertise FPP , increase public visibility**
 - **States would approach FPP for assistance when they see the value of FPP**

Lessons Learned

- **Improve internal capacity of PD**
 - **Capacity of in-house instructor/designer**
 - **External capacity –guest instructor**
 - **New training courses**

- **Programme Document**
 - **Observations by APAC FPP**





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ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok

THANK YOU