



**INTERNATIONAL
CIVIL AVIATION
ORGANIZATION**



61st Conference of Directors General of Civil Aviation
Asia and Pacific Region

Supporting Capacity Development and Implementation in the Asia Pacific Region

Fabio Rabbani
Director, Capacity Development and Implementation Bureau
International Civil Aviation Organization

Context

- Diverse levels of development
- Rapid growth and evolving operational needs
 - AAM, UTM, AI in air traffic management
 - Accelerating towards net-zero carbon emissions, SAF, climate change
 - Cyber risks
- Demand for targeted implementation support
- Capacity and implementation gaps between States/Administrations
- CDI's role: support States with capacity building and implementation

HOW CDI SUPPORTS STATES

Stronger Institutions. Safer Skies. Sustainable Aviation.



01



FOUNDATIONAL ELEMENTS

- ✓ Legislation
- ✓ Institutional capacity & governance
- ✓ Human resource management



GLOBAL EXPERIENCE

Provides expertise in legislative review, governance model structuring, capacity-building programme development, and human talent development. ICAO also develops studies and analysis to support State decision making.

02



STRATEGIC ELEMENTS

- ✓ Planning processes
- ✓ Stakeholder engagement
- ✓ Building trust



WORLD-CLASS EXPERTISE

Supports development of the Aviation Master Plan, the Air Navigation Plan, the State Action Plan (SAP) for CO₂ emissions reduction, and security programmes.

03



REGULATORY COMPLIANCE

- ✓ Regulations
- ✓ Certification
- ✓ Oversight activities & personnel capabilities



FULL ALIGNMENT WITH ICAO PROVISIONS

Supports review of the regulatory framework, certification and oversight processes, collaborates in the establishment of Safety Management programmes, and development of training and capacity-building processes. Preparation for USOAP and USAP audits.

04



OPERATIONAL EFFICIENCY

- ✓ Infrastructure improvements
- ✓ Software acquisitions and implementation
- ✓ Equipment modernization



LEVERAGING ECONOMIES OF SCALE

Supports infrastructure investment programmes, procurement of equipment, and infrastructure development — including supervision of contracted works, handover of completed works, and training on new technologies. Also supports implementation of management systems/ software and national passport (MRTD) production.



Governance
Foundations



Strategic Planning
& Sustainability



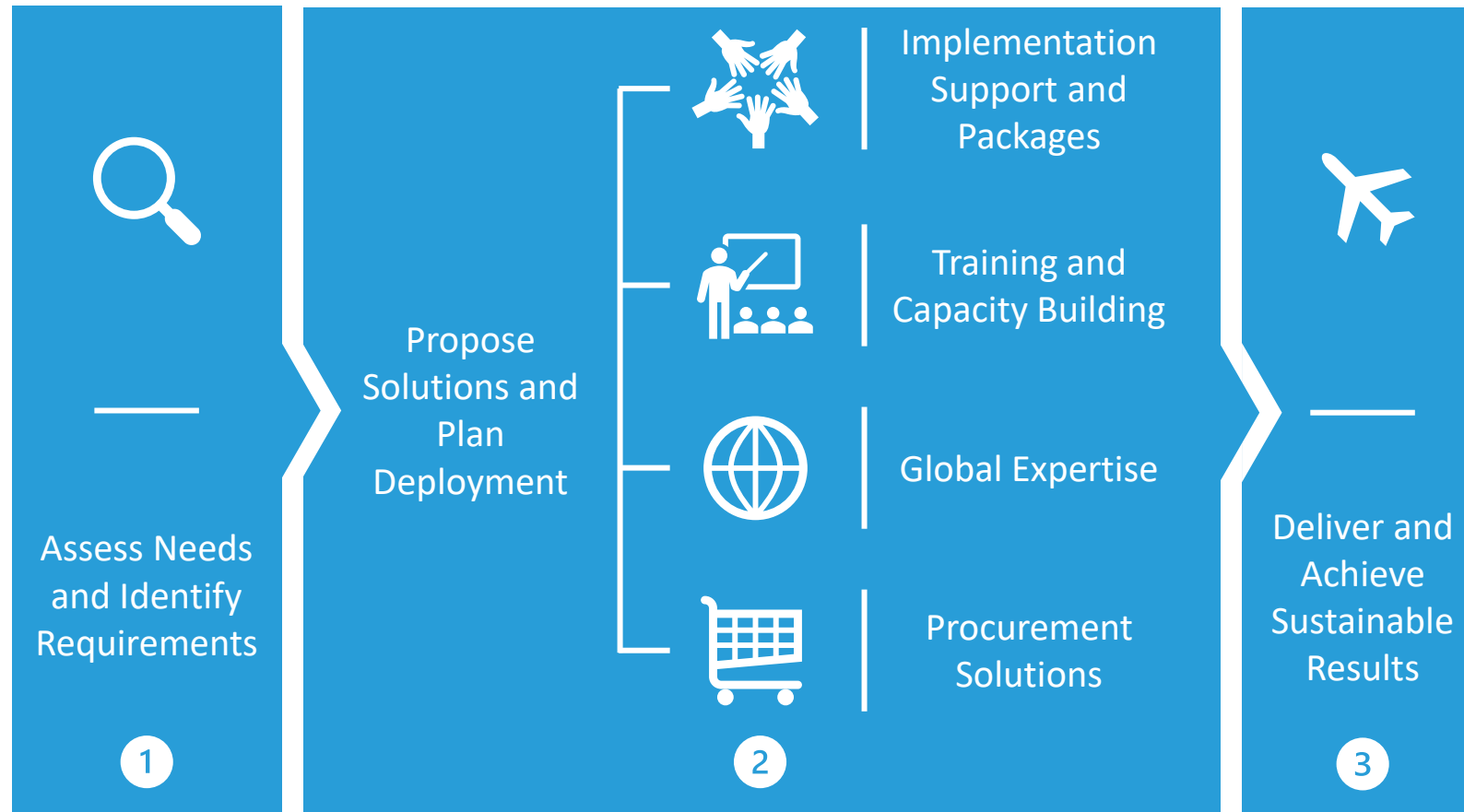
Regulatory
Compliance



Operational
Excellence

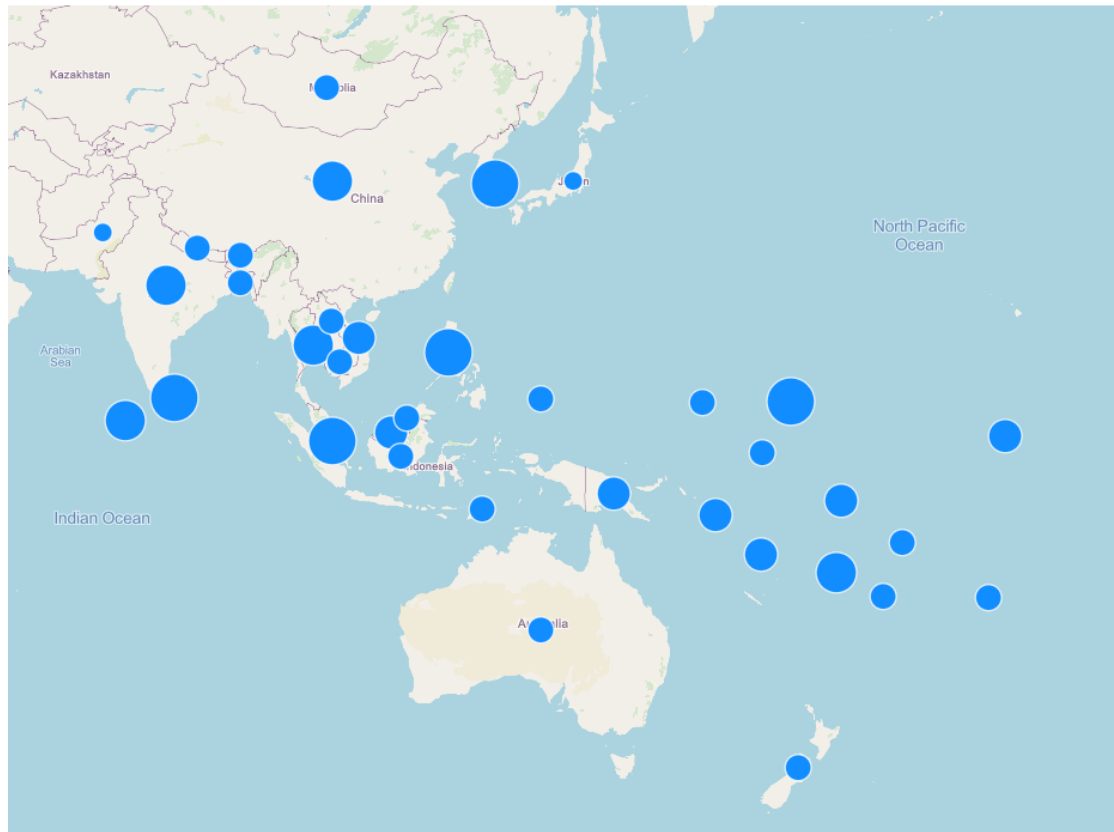
CDI supports ICAO Member States across the full capacity-development lifecycle — from legislative foundations to operational excellence.

CDI Support Process



Projects Delivered in Asia Pacific

Jan-2025 to Aug-2026: Footprint



Benefitted majority of APAC States



Implemented 15 Projects



Extensive regional collaboration



Long-term partnerships (25+ years)

Projects Delivered in Asia Pacific

Jan-2025 to Aug-2026: Examples

State(s)	Activity
Cook Islands, Niue, Palau, Marshall Islands, Tuvalu	Provision of X-Band Weather Radars
India	Review of national regulations related to height limitations around aerodromes
Maldives, Sri Lanka	Strengthening Capacity of Border Control for Responding to Infectious Diseases
Marshall Islands	Market study on ePassport booklets and printing system
Nadi FIR States	Air Transport Economics Analysis
Philippines	Procurement of aeronautical charts
Thailand, Viet Nam	Initiation of feasibility studies for sustainable aviation fuels (SAF)

ICAO TRAINING IMPACT IN APAC

Building Competence. Strengthening Safety. Connecting the Region.



370

TRAINING ACTIVITIES
IN APAC (2025–2026)



7,005

TRAINEES
(INSTRUCTOR-LED
+ SELF-PACED)



19

STATES / ACROSS APAC



32

TRAINING INSTITUTIONS
ENGAGED



ICAO Training

DELIVERING IMPACT
ACROSS THE REGION

IMPACT ACROSS APAC

Australia
 Bangladesh
 Cambodia
 China
 India
 Indonesia
 Japan
 Malaysia
 Mongolia
 Nepal

New Zealand
 Pakistan
 Papua New Guinea
 Philippines
 Republic of Korea
 Singapore
 Sri Lanka
 Thailand
 Viet Nam

19 States benefited from
ICAO Training across
APAC (2025–2026)



TRAINING AREAS (GENERAL)



Flight Safety and Safety Management



Aerodromes



Training Competency Development



Air Navigation Services



Aviation Law



Aviation Management



Aviation Security



Facilitation



Environment



Enhancing
Competence



Strengthening
Safety



Building
Partnerships



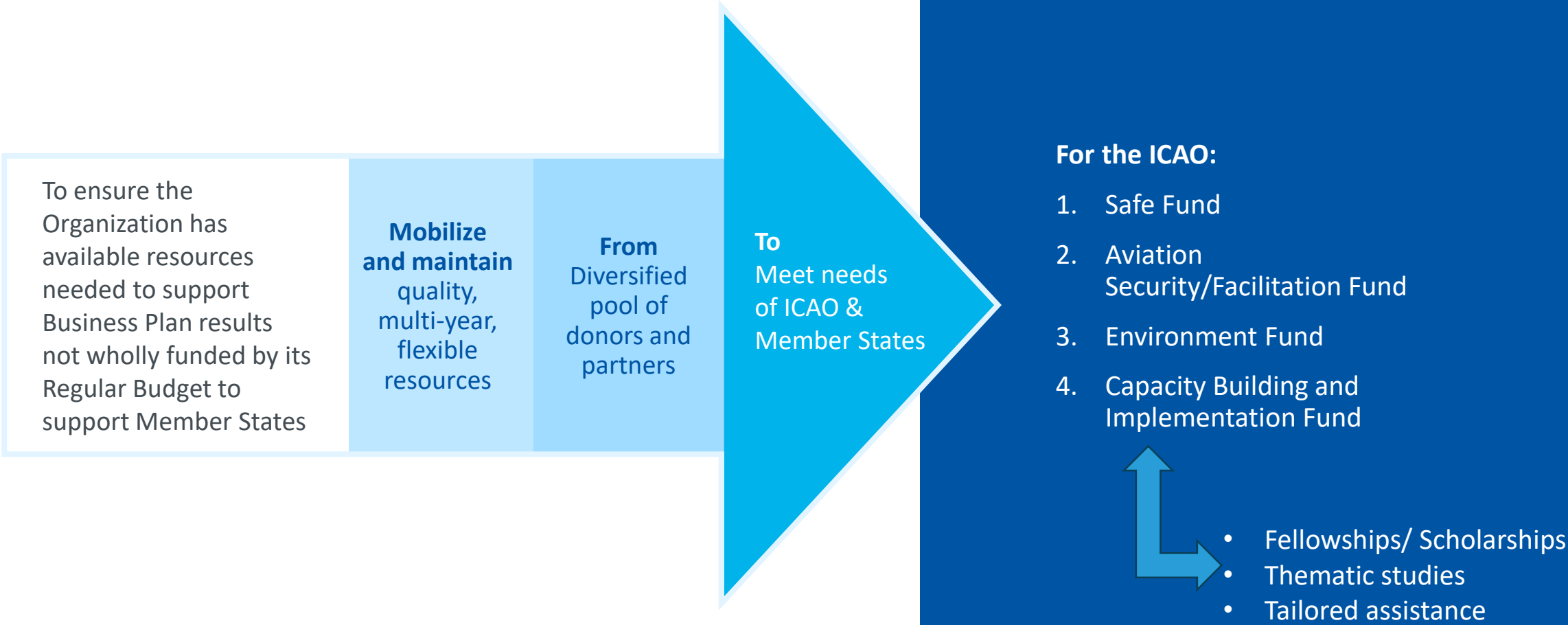
Creating
Impact



26.6% OF ALL ICAO TRAINING TRAINEES WORLDWIDE
APAC'S LARGEST REGIONAL SHARE | JAN 2025–AUG 2026

Figures include instructor-led training sessions and self-paced learners from 1 January 2025 to 26 August 2026 (completed, active and upcoming sessions).

Resource Mobilization + Partnership Activities



What is ICAO BUY

- an **all-in-one procurement solution**
- a **streamlined sourcing portal**, designed to fast-track the procurement of aviation goods and services
- Developed through **rigorous international competitive tendering**, in accordance with ICAO rules and regulations ensuring **cost-effective, high-quality, SARPs-compliant solutions**

Why Leverage through ICAO BUY

- Leveraging **economies of scale**, ICAO Buy delivers value through access to competitively priced goods and services that meet the highest technical standards
- **Procurement timelines** are significantly **shortened via pre-qualified, non-exclusive Long-Term Agreements (LTAs)** —accelerating delivery **without compromising safety, security, performance or quality.**

Advantages of ICAO BUY



Pre-qualified and competitively sourced Suppliers – Technically and financially vetted to ICAO standards.



Best Pricing – Direct from manufacturers and service providers leveraging economies of scale



Faster Delivery – Pre-negotiated agreements reduce the procurement cycle.



Premium quality - Robust and stringent ICAO technical quality assurance during manufacturing and delivery



Wide Selection – Growing catalogue tailored to operational needs.

ICAO BUY can assist :

- **CAAs, ANSPs, Airports, Customs and Border Security Agencies , UN Organization and Mission deployment Agencies**

ICAO BUY initial products and services

AVAILABLE



Aircraft Rescue and Firefighting Solutions (ARFF)

- ARFF Vehicles (6000L & 12000L)
- Extinguished Agents, SCBA*, PPE**, ...



COMING SOON



Aviation Security Systems (AVSEC)

- Body and Mail Scanners
- X-rays scanners (Cabin luggage, Parcels, Cargo)
- Walk-through, Handheld Metal Detectors ...



Weather Radars

- C- Band weather radar
- X-Band weather radar



Mobile Tower

MORE TO COME ..

Next ICAO BUY products and services :



Wide Selection –
Growing
catalogue tailored
to operational
needs.

- Flight inspection/calibration service
- Fauna environmental management plan
- Emergency/portable airfield lighting system
- ...
- * Self-Contained Breathing Apparatus
- ** Personal Protective Equipment for firefighter

Pre-qualified, ICAO-compliant, and competitively sourced aviation solutions to meet aviation procurement needs efficiently.



ICAO BUY

YOUR ONE-STOP PORTAL FOR SOURCING
YOUR AVIATION SOLUTIONS

12

Where do you find ICAO BUY?

ICAO Buy | ICAO Store

The screenshot shows the ICAO STORE website interface. At the top, the ICAO logo and 'ICAO STORE' text are on the left, and a search bar with the placeholder 'Search by Name, Doc Number or Subject' is on the right. Below the header is a navigation bar with links: SHOP BY AREAS, ANNEXES, TRAINING, DATA, 3LD, and ICAO BUY (which is highlighted with a red box). To the right of the navigation bar are links for 'My Account' and 'My Cart'. The main banner features the text 'ICAO BUY Aviation Solutions in One Portal' on the left and a graphic on the right showing a laptop with a search bar and a list of categories: Aircraft Rescue and Firefighting, Aviation Security, Mobile Tower, and Weather Radars. Below the banner is a 'FILTERS' section with expandable categories: Aviation Security, Aircraft Rescue and Firefighting, Weather Radars, and Mobile Tower. At the bottom left of the filters is a link 'I am a supplier'. On the right side of the page, under the heading 'What is ICAO Buy', there is a paragraph explaining that ICAO Buy is a complete sourcing solution aligned with ICAO SARPs and international regulations, built for the growing needs of States and UN agencies. It further states that through rigorous global tendering and ICAO procurement rules, ICAO Buy delivers cost-effective, high-quality solutions via pre-qualified, non-exclusive Long-Term Agreements (LTAs), leveraging economies of scale to offer competitively priced products and services that meet the highest technical standards.

ICAO STORE

Search by Name, Doc Number or Subject

My Account My Cart

SHOP BY AREAS ANNEXES TRAINING DATA 3LD ICAO BUY

ICAO BUY
Aviation Solutions
in One Portal

Aircraft Rescue and Firefighting
Aviation Security
Mobile Tower
Weather Radars

FILTERS

Aviation Security +

Aircraft Rescue and Firefighting +

Weather Radars +

Mobile Tower +

I am a supplier

What is ICAO Buy

ICAO Buy is a complete sourcing solution, fully aligned with ICAO SARPs and international regulations. Built for the growing needs of States and UN agencies, it streamlines and fast-tracks the procurement of aviation goods and services.

Through rigorous global tendering and ICAO procurement rules, ICAO Buy delivers cost-effective, high-quality solutions via pre-qualified, non-exclusive Long-Term Agreements (LTAs). Leveraging economies of scale, it offers competitively priced products and services that meet the highest technical standards. Pre-approved suppliers and contracts mean shorter timelines and faster delivery—without compromising safety, security, performance, or quality.



ICAO's Global Implementation Support Symposium (GISS) 2027

 **Luanda, Angola**
ESAF Region

 **Week of 24 May 2027**

WHY GISS MATTERS

The flagship platform turning global commitment into tangible action in support of No Country Left Behind.



HOST Country
Republic of Angola

Join the Global Implementation Community¹³

 **1,450+**
Participants on-site

 **101**
Member States represented

 **27**
Ministers engaged in high-level discussions

 **39+**
Project signings & announcements

KEY HIGHLIGHTS

-  Ministerial Call to Action for safe, secure and sustainable aviation
-  Strong ICAO Council participation reinforced global cooperation
-  Exhibition showcased practical solutions and innovation and facilitated networking

Thank You

