



ICAO

International Civil Aviation Organization
**Thirty-Fifth Meeting of the Asia/Pacific Air Navigation
Planning and Implementation Regional Group
(APANPIRG/36)**
Bangkok, Thailand, 24 to 26 November 2025
**Agenda Item 3: Performance Framework for Regional Air Navigation Planning and
Implementation**
3.6: Other Air Navigation Matters
TACKLE TO THE SUSTAINABLE CAPACITY BUILDING
(Presented by Japan)
SUMMARY

Japan has supported some forms of international cooperation activities in the APAC region based on the "No Country Left Behind" ICAO initiative. This paper introduces Japan Civil Aviation Bureau (JCAB)'s recent international cooperation activities related to ANS domain.

Strategic Objectives:

B: *Air Navigation Capacity and Efficiency* — *Increase the capacity and improve the efficiency of the global aviation system*

1. INTRODUCTION

1.1 In the "ICAO Strategic Plan 2026-2050" approved by the Council in November 2024, one of the six goals is "No Country Left Behinds," and capacity building continues to be an important topic. This paper presents representative examples among the international cooperation activities which are currently ongoing, such as JICA (Japan International Cooperation Agency) technical cooperation project, the GNSS Implementation Plan Training in ASEAN2.0, and the JCAB capacity developing project in Pacific Small Island Developing States (PSIDS).

2. DISCUSSION
JICA-related activities

2.1 JCAB has carried out international cooperation activities in ANS field for more than 48 years in collaboration with the Japan International Cooperation Agency (JICA), especially using JICA Technical Cooperation scheme.

2.2 Technical Cooperation is one of JICA's major areas of development assistance, which conducts cooperation to States through the dispatch of experts, the training of local officials for “capacity development”, the supply of equipment, and so on. JCAB has dispatched more than 300 officials to around 22 States as long-term or short-term experts for the JICA Technical Cooperation Project to develop human resources during the past 48 years.

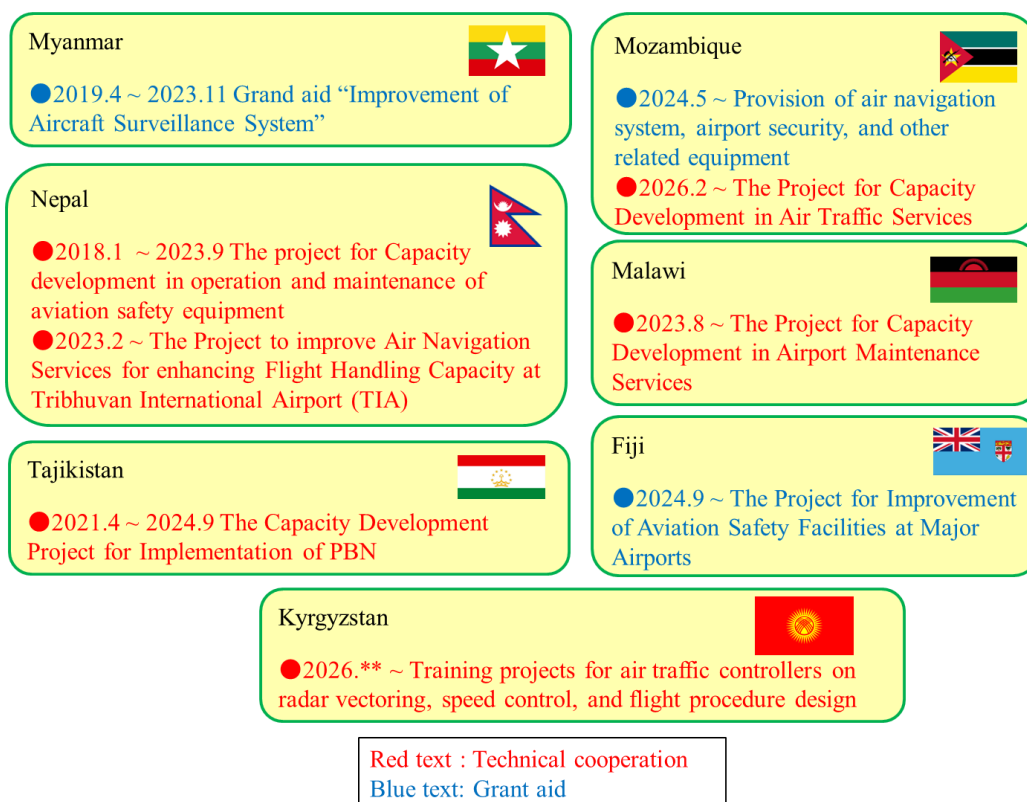


Figure 1. Current JCAB's International Cooperation Activities

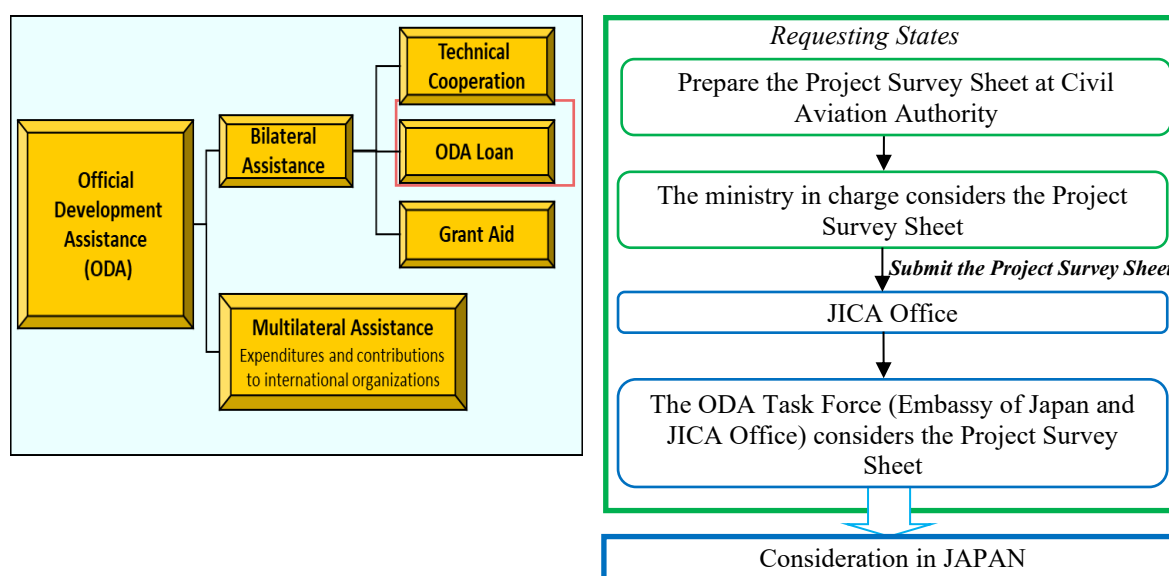


Figure 2. JICA Cooperation scheme structure (left) and JICA Technical Cooperation scheme procedure (right)



Figure 3. Knowledge Co-Creation Program for PBN Instrument Flight Procedure Design in Japan (left) and for Introduction and management of Air Navigation Services (ANS) technology in Japan (right)

2.3 JICA “Knowledge Co-Creation Program” is another scheme of the technical cooperation that JICA carries out training in Japan. This program has received many participants across the world so far and provided ANS-related programs as well, such as “PBN Instrument Flight Procedure Design” to acquire enough knowledge and expertise to design air traffic services routes and PBN procedures, which was conducted once a year from 2013 to 2019 with the support of JCAB. Also, a new program titled “Introduction and management of Air Navigation Services (ANS) technology”, which is acquired a broad range of knowledge on the navigation and surveillance systems, has been conducted once a year from 2023 to 2025.

GNSS Implementation Plan Training in ASEAN (GIPTA2.0)

2.4 The Global Air Navigation Plan recognises GNSS as a key element of the air navigation system that will deliver improved services and meet environmental, efficiency and safety objectives. With the support of JCAB, this project was proposed by Japanese consulting firm and adopted under the ASEAN-Japan Transport Partnership (AJTP) in 2023, which is designed to develop human resources to make a plan to implement GNSS. GIPTA2.0 consists of the symposium for ATM personnel in charge of GNSS, Site Workshop, Tokyo Workshop and training for technical officials of ATM personnel in the ASEAN Member States.

2.5 The symposium was held in July 2024 in the Philippines. The Site Workshop was held from December 2024 to February 2025 in Indonesia, Thailand and Vietnam. JCAB supported these programs by dispatching trainers, and the project was completed successfully.

2.6 Also, the Tokyo Workshop was held at the end of August 2025. 33 participants from ASEAN members participated and discussed ASEAN SBAS and SBAS service application beyond the aeronautical field. The final event will be held in 2026.



Figure 4. Group photo of GIPTA2.0 symposium



Figure 5. Group photo of GIPTA2.0 Tokyo Workshop

Capacity building of Air Traffic Management in PSIDS

2.7 JCAB announced its support for ICAO and its intention to improve global civil aviation by addressing the specific sustainable development challenges impacting the PSIDS at the ICAO Global Implementation Support Symposium 2024.

2.8 One of the supports, JCAB had invited PSIDS' nominated operational/technical personnel to Japan for training and familiarisation in November 2024. This training consisted of a technical tour, workshop and presentation for acquiring the broad range of knowledge and technique on Air Traffic Management in Japan.

2.9 Also, JCAB had invited PSIDS' nominated operational/technical personnel to Japan for training in October 2025. This training consisted of technical tours, workshops on the basic and operational technologies of networks and CRV OG/14 attendance.



Figure 5. Group photo of Capacity Building



Figure 6. Group photo of Capacity Building for PSIDS' in 2025

JCAB's Future Activities

2.10 JCAB will further continue to work on international activities through mutual understanding and cooperation, following the Asia/Pacific Seamless ANS Plan, with the aim of the “No Country Left Behind (NCLB)” initiative that ICAO highlights its efforts to assist States in implementing Standards and Recommended Practices (SARPs).

Towards effective international cooperation activities

2.11 Although JCAB has supported international cooperation activities in the APAC region, there has been a lack of information on each State's support needs and the support of other States. It is believed that by clarifying each State's support needs and sharing best practices of other States in ANS, a synergistic effect in cooperation can be achieved in the future.

2.12 This paper emphasises the importance of inter-regional/States cooperation in the APAC region, which is the basic principle of the Seamless ANS Plan and encourages States/Administrations to share best practices for support in the ANS field.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to note the information contained in this paper.

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