



ICAO

*International Civil Aviation Organization***Twenty Ninth Meeting of the Communications/  
Navigation and Surveillance Sub-group (CNS SG/29)  
of APANPIRG**

Bangkok, Thailand, 16-20 June 2025

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**Agenda Item 12:** Capacity Building, including Human Factors and Air Traffic Safety Electronics Personnel (ATSEPs) related training**SUPPORT FOR THE BUILD SUSTAINABLE CAPACITY**

(Presented by Japan)

**SUMMARY**

This paper aims to introduce Japan's efforts to build sustainable capacity in the APAC and Africa region under the "No Country Left Behind" ICAO initiative.

**1. INTRODUCTION**

1.1 Japan Civil Aviation Bureau (JCAB) has supported some forms of international cooperation activities in the APAC and African region from based on the "No Country Left Behind" ICAO initiative. 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****2.1 JICA related activities**

2.1.1 JCAB has carried out international cooperation activities on ANS field for more than 30 years in collaboration with Japan International Cooperation Agency (JICA), especially using JICA Technical Cooperation scheme.

2.1.2 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 200 officials to around 20 states as long-term or short-term experts for the JICA Technical Cooperation Project to develop human resources during the past 30 years.

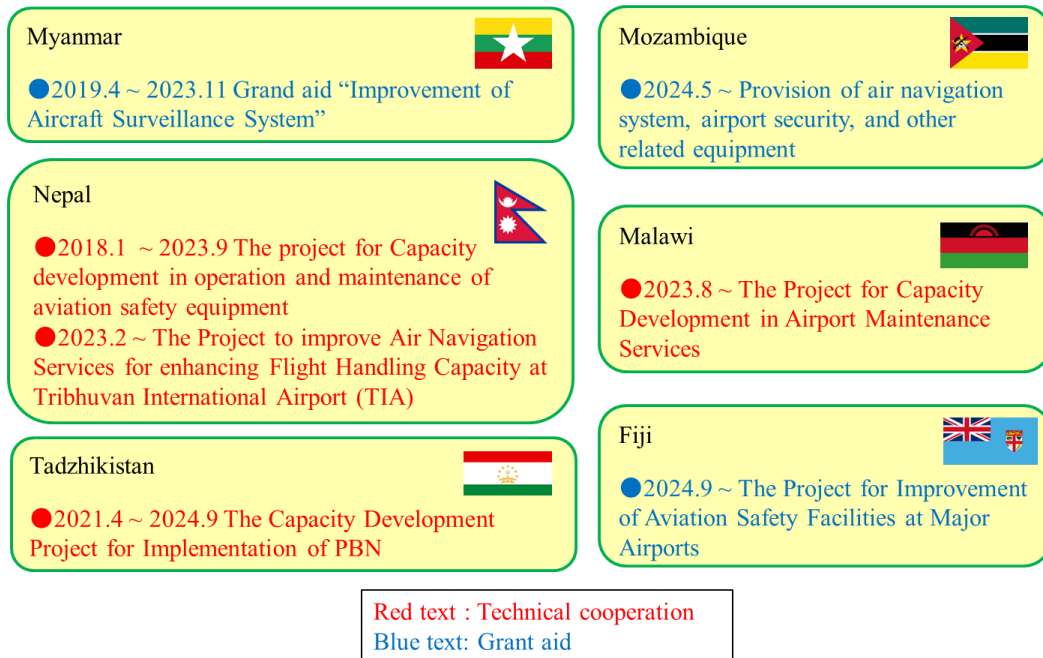


Figure 1. Current JCAB's International Cooperation Activities

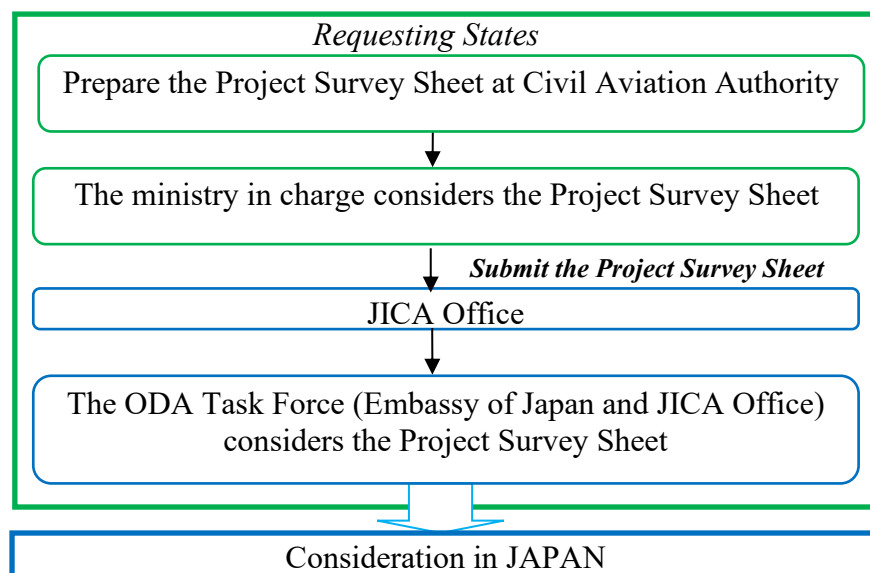


Figure 2. JICA Technical Cooperation scheme procedure

2.1.3 Figure 2 shows the JICA technical cooperation scheme. Technical cooperation for Capacity Development in Air Traffic Services will be planned for Mozambique this year by this scheme.

2.1.4 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.



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

## 2.2 GNSS Implementation Plan Training in ASEAN2.0(GIPTA2.0)

2.2.1 The Global Air Navigation Plan recognizes 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.

2.2.2 GIPTA 2.0 has been planned for three years from 2024. 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. The symposium was held at the end of July 2024 in the Philippines. After that the site workshop was held in the Indonesia, Thailand and Vietnam. The Tokyo workshop will be planned at the end of August 2025. JCAB will continue to support these programs for completed successfully.



Figure 4. Group photo of GIPTA2.0

## 2.3 Capacity building of Air Traffic Management in PSIDS

2.3.1 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.

2.3.2 JCAB was invited PSIDS' nominated operational/technical personnel to Japan for training and familiarization from 9th to 17th December 2024. This training consisted of technical tour,

workshop and presentation for acquiring the broad range of knowledge and technique on Air Traffic Management in Japan.

2.4 JCAB's Future Activities

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

2.5 Towards effective international cooperation activities

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

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) note the importance of inter- regional/states cooperation in APAC region;
- c) encourage States/Administrations to share best practice for support in ANS field; and
- d) discuss any relevant matters as appropriate.

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