



ICAO

International Civil Aviation Organization

**THE THIRTIETH MEETING OF THE
COMMUNICATIONS / NAVIGATION
AND SURVEILLANCE SUB-GROUP (CNS
SG/30) OF APANPIRG**

Bangkok, Thailand, 06 - 10 July 2026

**Agenda Item 12: Capacity Building, including Human Factors and Air Traffic Safety
Electronics Personnel (ATSEPs) related training**

**EFFORT FOR THE ENHANCEMENT OF HUMAN RESOURCE DEVELOPMENT
INITIATIVES**

(Presented by Japan)

SUMMARY

This paper aims to introduce Japan's efforts actively to build sustainable capacity in the APAC as well as Africa region under the "No Country Left Behind (NCLB) " ICAO initiative.

1. INTRODUCTION

1.1 Technology has advanced dramatically in recent years. Developing the necessary personnel to address this issue has become an urgent priority. Japan Civil Aviation Bureau (JCAB) has supported some forms of international cooperation activities not only in the APAC but also African region from based on the "No Country Left Behind (NCLB) " ICAO initiative. This paper presents representative examples among the international cooperation activities which are currently ongoing, such as Japan International Cooperation Agency (JICA) 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 JICA, especially using 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.

2.1.3 Figure 1 shows the JICA technical cooperation and Grand Aid recently.

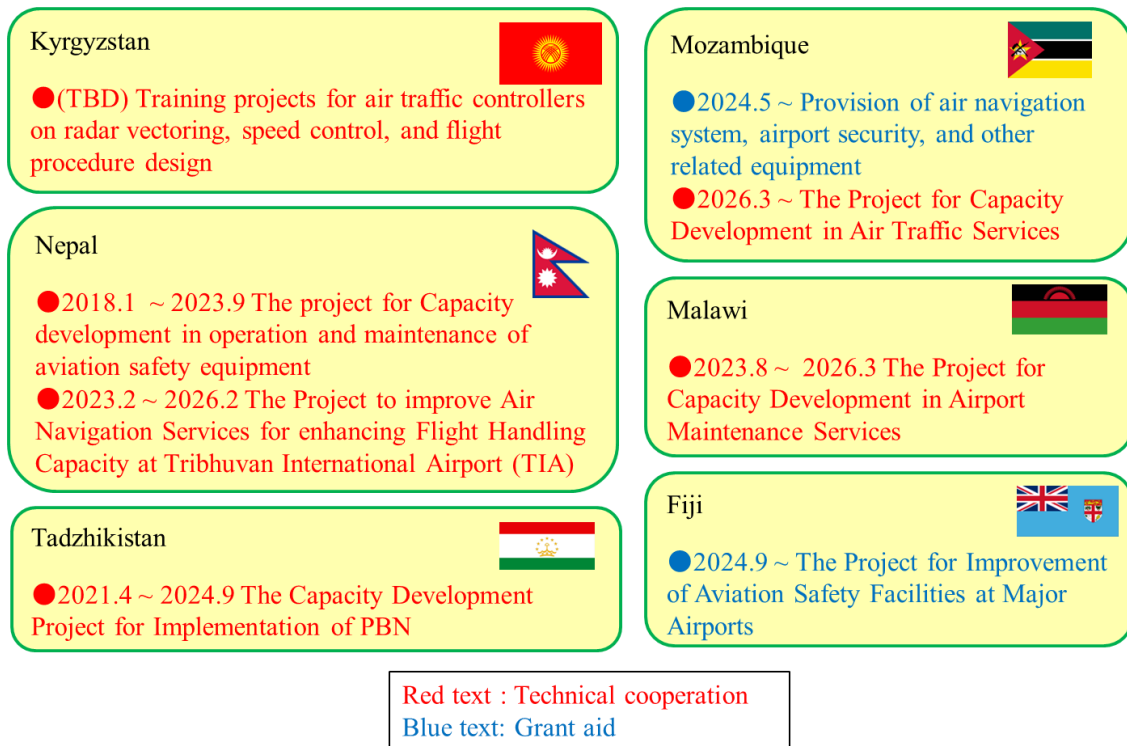


Figure 1. Current JCAB's International Cooperation Activities

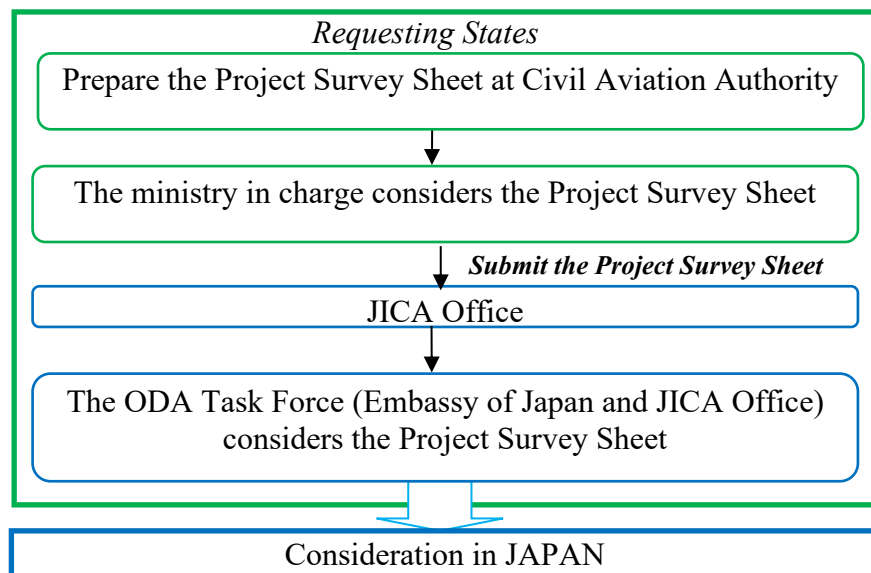


Figure 2. JICA Technical Cooperation scheme procedure

2.1.4 Figure 2 shows the JICA technical cooperation scheme. Technical cooperation for Capacity Development in Air Traffic Services has been started for Mozambique this year by this scheme.

- 2.1.5 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 “Introduction and management of Air Navigation Services (ANS) technology” which was acquired a broad range of knowledge on the Navigation and Surveillance systems has been conducted once a year from 2023 to 2025 with the support of JCAB. This project is scheduled to continue from this year until 2028.



Figure 3. Knowledge Co-Creation Program for Introduction and management of Air Navigation Services (ANS) technology in Japan

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 Indonesia, Thailand, Vietnam and Timor-Leste. The Tokyo workshop was conducted at the end of August 2025. The training was conducted at the end of May 2026 in Philippines. These programs have been successful.



Figure 4. Group photo of GIPTA2.0 Symposium and Tokyo workshop

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.

2.3.3 Furthermore, JCAB was invited PSIDS' nominated operational/technical personnel to Japan for technical tour, workshop and participation in CRV OG14 from 23rd to 31st October 2025.



Figure 5. Capacity building of ATM for PSIDS

2.3.4 A similar invitation program for capacity building is planned for this year as well.

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 NCLB initiative that ICAO highlights its efforts to assist States in implementing Standards and Recommended Practices.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss any relevant matters as appropriate.
