International Civil Aviation Organization

WORKING PAPER

ASSEMBLY — 38TH SESSION

EXECUTIVE COMMITTEE

Agenda Item 12: Technical Cooperation – Policy and activities on technical cooperation and assistance

JAPAN'S COOPERATION AND TECHNOLOGY IN THE AIRPORT SECTOR INCLUDING ECO-AIRPORT

(Presented by Japan)

EXECUTIVE SUMMARY

In Japan, expansion of existing airports by using various techniques and know-how have been used to address increasing demand since the age of high economic growth under the restriction of land use. In recent years, Japan has conducted Eco-Airport efforts to reduce environmental burden.

Japan's international cooperation in the airport development field has been conducted since 1960s, and the total amount of assistance came to 10 billion US dollars upon ODA Yen Loan basis. In addition, Japan has cooperated to ASEAN countries through dispatch experts and acceptance of trainees. Recently, Japan has supported ASEAN countries to conduct the Eco-Airport efforts.

Japan presents outline of international cooperation and technology experience including Eco-Airport, it makes ASEAN countries enable a deepening of understanding of Japan's effort. Japan hopes it will be good help for ASEAN countries to consider possibility of Japan's cooperation about airport development and improvement of airport facilities through this presentation.

Action: The Assembly is invited to:
   a)   encourage States to share the case concerning Japan's international cooperation in the airport sector; and
   b)   encourage States to share Japan's cooperation to ASEAN regarding Eco-Airport.

Strategic Objectives:	This working paper relates to all Strategic Objectives.
Financial implications:	No financial implication.
References:	-

1. **INTRODUCTION**

1.1   Airport Facilities Division, Civil Aviation Bureau (CAB), Ministry of Land, Infrastructure and Tourism (MLIT) is in charge of airport planning and development in Japan and overseas. For this reason, the division supports international cooperation and expansion of industry's business overseas in the airport sector. From our point of view, the division presents two points as follows:

   a) Japan's international cooperation in the airport sector; and

   b) Outline of Eco-Airport

1.2   For reference, CAB conducts other cooperation as follows:
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   a) Cooperation with foreign countries in aviation safety, security and air navigation fields.

2. **DISCUSSION**

2.1   Japan's International cooperation in the airport sector

2.1.1   *Response to various needs in Asian region regarding airport planning, construction, operation, management and so on.*

Japan has a lot of experience and achievement in international cooperation. Furthermore, Japan is ready to cooperate to overseas regarding not only airport planning but also construction, operation, maintenance and so on.

2.1.2   *Technology of large-scaled construction and operational know-how at airport*

At the airport in Japan, including Haneda airport, Japan has the management capability to conduct construction while airport operation in the limited spaces. The airport operator also has operational know-how such as store management more attractive.

2.1.3   *Japan's achievement of international cooperation*

Japan presents recent international cooperation in the world.

2.2   Eco-Airport

2.2.1   *Concept of Eco-Airport and case study at airports in Japan*

Background why Eco-Airport is required to conduct. Introduction to case studies of eco-friendly facilities in airport.

2.2.2   *Example of the use of photocatalytic technology*

In Japan, there is the latest environment-friendly "Photocatalytic technology" product which was developed in Japan. This new technology has the possibility of international cooperation of Eco-Airport measures.

3   ACTION BY THE CONFERENCE

3.1   The Assembly is invited to:

a)   note the information contained in this Paper;

b)   share the case concerning Japan's international cooperation in the airport sector; and

c)   share Japan's cooperation to ASEAN regarding Eco-Airport.

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