

**60th CONFERENCE OF
DIRECTORS GENERAL OF CIVIL AVIATION
ASIA AND PACIFIC REGIONS**

*Sendai, Japan
28 July - 1 August 2025*

AGENDA ITEM 7: AVIATION AND ENVIRONMENT

**INITIATIVE TO JOINTLY BUILD THE GREEN AIR SILK
ROAD**

(Presented by the People's Republic of China)

SUMMARY

The initiative to jointly build the Green Air Silk Road (GASR) aims to promote green and low-carbon transformation of civil aviation in participating countries, and contribute to the realization of the United Nations Sustainable Development Goals and the strategic goals of ICAO. Jointly building GASR adheres to the principle of extensive consultation, joint contribution and shared benefits, with focusing on jointly building green airports, green air traffic control, green flights, and carrying out capacity building for green transformation of civil aviation, so as to promote practical cooperation among participating countries. The Conference is invited to: a) Recognizing the important role of the GASR Initiative in promoting practical cooperation among Asia-Pacific countries to address international aviation emission reduction; b) Recognizing and supporting jointly building the GASR initiative could play a positive facilitating role, and inviting countries in the Asia-Pacific region to join the GASR Initiative.

INITIATIVE TO JOINTLY BUILD THE GREEN AIR SILK ROAD

1. INTRODUCTION

1.1 China is an important contributor to the sustainable development of global civil aviation. It has always adhered to the concept of green development and continued to deeply promote the green, low-carbon and circular development of civil aviation.

1.2 China is willing to strengthen cooperation with other states in green development of civil aviation. In recent years, through projects such as the "Belt and Road Initiative" and the "South-South Cooperation" climate fund, China has continuously provided support within its capabilities to other developing countries.

1.3 The GASR serves as the main platform for China's civil aviation to strengthen cooperation with that of other states. It continues to proactively develop aviation partnerships with the participating countries, working together to create an efficient and clean air corridor.

2. DISCUSSION

Objectives and Principles of Building the Green Air Silk Road

2.1 Building the GASR aims to promote green and low-carbon transformation of civil aviation in participating countries, and contribute to the realization of the United Nations Sustainable Development Goals and the strategic goals of ICAO.

2.2 The initiative to build the GASR focuses on promote practical cooperation among countries and jointly advance the green and low-carbon transformation of aviation based on the national conditions and resource endowments of the participating countries, with adhering to the principle of extensive consultation, joint contribution and shared benefits.

2.3 The initiative to build the GASR has always adhered to the concept of green development, with following the principle of common but differentiated responsibilities (CBDR). GASR has actively promoted the collaborative research, development, promotion and application of advanced energy-saving and carbon-reduction technologies in civil aviation, and carried out the green and low-carbon transformation of civil aviation through the manner of each country contributing its best efforts, mutual learning and exchange, and win-win cooperation. It has also jointly promoted the synergistic progress of carbon reduction, pollution mitigation, green expansion and growth in global civil aviation transportation and related industries.

Main contents of GASR initiative

2.4 Jointly building green airport system. In order to jointly build green, low-carbon and sustainable airports, the GASR participating countries could focus on strengthening communication and cooperation in various areas, such as research and deployment of airport electrification, airport water recycling and sewage treatment, noise pollution prevention, construction of smart energy management systems, energy conservation and carbon reduction in infrastructure, and low-carbon airport certification.

2.5 Jointly building green air traffic management system. Through researching and applying new air traffic management technologies, improving efficiency of flight operations, promoting pollution reduction and carbon emission reduction of flights, GASR participating countries could reduce the impact of aviation activities on the ecological environment.

2.6 Jointly building green flights. The GASR participating countries could focus on the application of SAF, LCAF and other cleaner energies, with actively carrying out green flight pilot programme, to summarize and form experiences conducive to flight decarbonization. Therefore, harmonization and mutual recognition of relevant standards among participating countries could be strengthened, and the improvement of ICAO SARPs could also be promoted.

2.7 Jointly launching capacity building programme related to green transformation of civil aviation. Through conducting consultations to organize cooperative training and seminars under the GASR initiative, participating countries could focus on technologies, professional knowledge, and operational management approaches related to green and low-carbon transformation of civil aviation, so as to jointly enhance the capacity for green and low-carbon transformation of civil aviation

3. ACTION BY THE CONFERENCE

3.1 The Conference is invited to:

- a) Recognizing the important role of the GASR Initiative in promoting practical cooperation among Asia-Pacific countries to address international aviation emission reduction;
- b) Recognizing and supporting jointly building the GASR initiative could play a positive facilitating role, and inviting countries in the Asia-Pacific region to join the GASR Initiative.

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