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Navigation and Surveillance Sub-group (CNS SG/29)  
of APANPIRG**

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**Agenda Item 14:** Innovation and New Technologies**SHAPING THE FUTURE OF AIRSPACE – AIRSPACE ASIA PACIFIC 2025**

(Presented by CANSO and Hong Kong China)

**SUMMARY**

This paper highlights the significance and features of the CANSO Airspace Asia Pacific 2025 to be held from 9 to 11 December 2025 in Hong Kong China. It encourages States/Administrations to support and participate in the Airspace Asia Pacific 2025, share information about it with interested organizations/companies and academia/research institutions, and invite their attendance and/or exhibiting in the event.

**1. INTRODUCTION**

1.1 The Asia Pacific (APAC) region is experiencing the fastest growth in air traffic among different regions worldwide. To manage the growth in a sustainable manner while ensuring that air traffic operations remain safe and efficient, the APAC region has a strong demand for deployment of cost-effective technologies, digitalization, automation and sustainability in aviation. Additionally, there is an increasing need to integrate new airspace users, such as drones and electric vertical takeoff and landing (eVTOL) aircraft, into the airspace system.

1.2 The Airspace Asia Pacific 2025, organized by CANSO, is a brand new event targeted for audience in the region, sharing similar objectives with the Airspace World event held annually in Europe. The event serves as a leading forum for showcasing airspace modernization and air traffic management innovation in the region. It is a premier event dedicated to exploring future technologies in air traffic management, unmanned traffic management, digitalization and airspace modernization. Bringing together industry leaders, decision-makers, experts and technology solution providers, the event fosters collaboration, innovation and discussion aimed for shaping the future of airspace.

1.3 Hosted in the AsiaWorld-Expo in Hong Kong China from 9 to 11 December 2025, the Airspace Asia Pacific 2025 features keynote sessions, panel discussions and a comprehensive exhibition with over 100 exhibitors showcasing the latest development in air traffic management, unmanned traffic management, artificial intelligence and next-generation aviation technologies. Leveraging the opportunity of hosting the event, the CANSO APAC Conference 2025 will be held back-to-back on 8 December 2025 at the same venue.

## **2. DISCUSSION**

2.1 The Airspace Asia Pacific 2025 explores the most pressing challenges and opportunities in air traffic management and seamless integration with the following sub-themes :-

- (a) Seamless Skies and Airspace Integration
- (b) Digital Transformation and Automation
- (c) Sustainability and Green Aviation
- (d) eVTOL and Low Altitude Economy
- (e) Regulatory and Policy Developments
- (f) Resilience and Air Traffic Flow Management
- (g) Airport and ANSP collaboration

2.2 The theme for the CANSO APAC Conference 2025 is meteorology and aviation integration. It anticipates the impact of greater unpredictability of weather as a result of climate change on aviation, and what the region can do in response. The Conference is relevant to meteorological service providers in the region, together with the aviation community.

2.3 The event provides a unique platform for organizations to connect with senior decision-makers, showcase cutting-edge solutions and foster collaborations in the fast-expanding aviation market. Through participation in the event, one could :-

- (a) gain unmatched exposure to over 2,000 aviation professionals, regulators, and industry leaders from over 100 countries worldwide;
- (b) connect with ANSPs, airlines, airports, and technology solution providers;
- (c) demonstrate the latest air traffic management technologies to audience;
- (d) strengthen partnerships and collaborations;
- (e) position at the forefront of airspace transformation and innovation; and
- (f) meet with senior executives, regulators and innovators.

2.4 States/Administrations play a crucial role in shaping the future of aviation and airspace management. States/Administrations are strongly encouraged to participate in the CANSO APAC Conference 2025 and Airspace Asia Pacific 2025, share information about it with interested organizations/companies and academia/research institutions, and invite their attendance and/or exhibiting in the event. For details, please refer to the event website: <https://airspaceasiapacific.com>.

## **3. ACTION BY THE MEETING**

3.1 The meeting is invited to :-

- a) encourage States/Administrations to support and participate in the CANSO APAC Conference 2025 and Airspace Asia Pacific 2025, share information about it with interested organizations/companies and academia/research institutions, and invite their attendance and/or exhibiting in the event; and
- b) discuss any relevant matter as appropriate.

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