

**59th CONFERENCE OF
DIRECTORS GENERAL OF CIVIL AVIATION
ASIA AND PACIFIC REGIONS**

*Cebu, Philippines
14 to 18 October 2024*

**AGENDA ITEM 8: CAPACITY DEVELOPMENT AND
IMPLEMENTATION**

SHAPING THE FUTURE OF GLOBAL AVIATION

Presented by United Arab Emirates

SUMMARY

The UAE continues to set benchmarks in global aviation through significant infrastructure projects, its commitment to sustainability, and the development of human capital and supporting ICAO Member states. The UAE invites collaboration to shape the future of global aviation.

SHAPING THE FUTURE OF GLOBAL AVIATION

1. INTRODUCTION

1.1 The UAE has played a transformative role in the global aviation industry for decades. Through its relentless focus on innovation, enhanced connectivity, and sustainability, the UAE has become a leading global hub for aviation. This paper outlines the UAE's key accomplishments and visionary projects, including its leadership in sustainable aviation.

2. DISCUSSION

Capacity Building and Human Capital Development

- The UAE has conducted over 94 technical consultations, 43 technical assistance and trained 13,000+ aviation professionals from ICAO member states through more than 2000 courses, seminars and workshops.
- **Training 1,200 aviation professionals in the APAC region:** Discuss the framework of the three-year training initiative, highlighting how the partnership will address skill gaps, specific technical competencies to be developed, and the expected impact on the aviation sector in the region.
- **Customizing training for regional needs:** Explore ways to tailor training programs to the unique challenges of the APAC aviation sector, considering economic, regulatory, and cultural diversity.
- **Collaborative efforts on sustainability:** Discuss the potential for joint projects on sustainable aviation fuel (SAF), reducing carbon emissions, and how both parties can lead global sustainability efforts.
- **Green technologies and innovations:** Explore initiatives in the UAE that can be scaled or adapted to the APAC region to promote environmentally friendly aviation practices.
- **UAE-led knowledge-sharing platforms:** Discuss how APAC region professionals can benefit from UAE's established programs in knowledge-sharing and technical expertise.
- **Exchange programs to foster regional expertise:** Focus on opportunities for cross-border learning, with UAE sharing best practices in aviation safety, security, and operations through technical exchange programs.
- **Leadership and technical training for youth and women:** Address the role of gender diversity and youth empowerment in the aviation sector, exploring how to identify and encourage participation from underrepresented groups in leadership and technical training programs.
- **Strategies to foster inclusion in aviation leadership:** Discuss creating pathways for more women and young professionals to engage in key decision-making roles within the aviation industry.
- **Digital transformation and AI:** Discuss the potential for leveraging AI and big data analytics to improve efficiency, safety, and predictive maintenance in aviation operations.
- **Advanced Air Mobility (AAM):** Explore opportunities for both the UAE and APAC countries to collaborate on AAM projects, such as electric vertical takeoff and landing (eVTOL) aircraft, integrating urban air mobility solutions.

- **UAE’s technical assistance programs:** Discuss the potential to enhance safety and security compliance standards in APAC by leveraging UAE’s expertise in regulatory frameworks, audits, and certifications.
- **Addressing regional safety challenges:** Explore APAC-specific challenges in aviation safety and security and how UAE’s technical assistance can help address these challenges, focusing on strengthening ICAO compliance and safety oversight.

3. ACTION BY THE CONFERENCE

The Conference is invited to:

- a) Partnership with UAE on a collaborative three-year initiative to train 1,200 aviation professionals across the APAC region.
- b) Collaborate with the UAE on joint initiatives focused on sustainability and human capital development within the aviation sector.
- c) Actively engage in UAE-led knowledge-sharing platforms and exchange programs to enhance technical expertise across ICAO member states, particularly within the APAC region.
- d) Contribute to youth and gender empowerment by nominating participants for leadership and technical training programs.
- e) Partner with the UAE on innovative projects, including digital transformation, artificial intelligence (AI), and advanced air mobility (AAM).
- f) Contribute to global aviation safety, security, and compliance by leveraging the UAE’s technical assistance programs.

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