

**61ST CONFERENCE OF
DIRECTORS GENERAL OF CIVIL AVIATION
ASIA AND PACIFIC REGION**

*Kuala Lumpur, Malaysia
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**AGENDA ITEM 8: CAPACITY DEVELOPMENT AND
IMPLEMENTATION**

**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES (CAAP)
SUPPORTING ICAO’S NEXT GENERATION OF AVIATION
PROFESSIONALS (NGAP) INITIATIVE THROUGH ACADEMIC
AND TRAINING PARTNERSHIPS**

(Presented by Republic of the Philippines- Civil Aviation Authority of the Philippines)

INFORMATION PAPER

SUMMARY

The aviation industry’s projected growth requires a sustainable and skilled workforce, prompting the Civil Aviation Authority of the Philippines (CAAP) to strengthen aviation training and development initiatives aligned with ICAO’s Next Generation of Aviation Professionals (NGAP) program. Through partnerships with academic institutions like Bulacan State University, facility upgrades, and collaboration with training organizations, CAAP aims to develop industry-ready professionals equipped with modern skills and regulatory knowledge. These efforts support aviation safety, workforce sustainability, global standards alignment, and long-term growth of the Philippine aviation sector.

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES (CAAP) SUPPORTING ICAO'S NEXT GENERATION OF AVIATION PROFESSIONALS (NGAP) INITIATIVE THROUGH ACADEMIC AND TRAINING PARTNERSHIPS

1. INTRODUCTION

CAAP recognizes that workforce sustainability is a critical component of aviation's future. To address this, CAAP has initiated partnerships with academic institutions and training organizations, while also investing in facility upgrades and new training programs. These efforts are designed to strengthen the pipeline of aviation professionals and ensure that the Philippines contributes to a globally competent workforce.

The aviation industry is projected to experience a significant boom in the coming years, driven by increasing passenger demand, expanding air cargo operations, and technological advancements. This growth must be matched with sustainability measures—ensuring that the industry remains safe, efficient, and environmentally responsible while maintaining a robust workforce.

With many current aviation professionals nearing retirement, there is an urgent need to cultivate the next generation of aviation professionals. In line with ICAO's NGAP initiative, the Civil Aviation Authority of the Philippines (CAAP) is undertaking strategic collaborations to ensure that future aviation professionals are trained to meet both international standards and evolving industry demands.

2. DISCUSSION

2.1 Academic Partnership with Bulacan State University

CAAP is developing a partnership with **Bulacan State University (BulSU)**, which has plans to establish an Aviation College. BulSU has expressed interest in **mirroring CAAP's Basic Airfield Lighting and Power Technician Course** and embedding it into their undergraduate program:

- **Bachelor of Science in Industrial Technology (BINDTECH)** *Major in Aviation Maintenance and Airfield Systems and Technology*

This integration will immerse students in a curriculum based on both **international and local regulatory standards**, ensuring graduates are industry-ready and capable of contributing to sustainable aviation operations.

2.2 Training Facility Improvements and Equipment Upgrades

CAAP is actively refurbishing training facilities and upgrading equipment, including the acquisition of **additional simulators**. These improvements will enhance the quality of training and provide learners with modern, practical experiences aligned with industry requirements.

2.3 Collaboration with Training Organizations

CAAP is also engaged in ongoing collaboration with various training organizations to develop and introduce new courses. These courses will benefit not only CAAP personnel but also the wider stakeholder population. Areas of focus include:

- Airport operations
- Dangerous goods safety
- Aviation communication
- Applied operational courses

- Aviation medicine

2.4. Benefits

- **Workforce Sustainability:** Addresses the aging workforce by preparing new professionals to take on critical roles.
- **Industry Readiness:** Ensures graduates and trainees possess practical skills and regulatory knowledge.
- **Global Alignment:** Embedding ICAO standards ensures compatibility with international aviation practices.
- **Stakeholder Development:** Extends benefits beyond CAAP personnel to the broader aviation community.

2.5. Strategic Objectives

This initiative supports ICAO's strategic objectives by:

- Enhancing **safety** through standardized training.
- Promoting **capacity building** and workforce development.
- Supporting **sustainability** in aviation growth.
- Strengthening **international cooperation** through alignment with ICAO standards.

3. ACTION BY THE CONFERENCE

3.1 The Conference is invited to note the information contained in this Paper:

- a) note CAAP's initiatives in support of ICAO's NGAP program;
- b) recognize the importance of academic and training partnerships in ensuring workforce sustainability; and
- c) encourage continued collaboration among States, regulators, and academic institutions to secure the future of aviation.

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