

NGAP Objective

1- To address the global aviation industry's growing need for skilled professionals and ensure a sustainable and mobile workforce

2- To promote the attraction, recruitment, training, and retention of a diverse and inclusive pool of aviation professionals

3- To encourage dialogue, collaboration, and partnership between States and key stakeholders within and outside the aviation industry, as well as with the relevant United Nations agencies

01

KEY FOCUS AREA 1 – ADVOCACY, OUTREACH, PROMOTION OF BEST PRACTICES AND KNOWLEDGE SHARING

- All stakeholders work together towards common goals, leveraging collective knowledge, sharing best practices, raising awareness on NGAP issues, while engaging with youth, and promoting STEM education and aviation careers.

02

KEY FOCUS AREA 2 – WORKFORCE FORECASTING, PLANNING AND MONITORING

- The availability of comprehensive and reliable data insights covering all aviation disciplines to inform policy decisions, identify areas for improvement, and develop targeted strategies to address the workforce requirements

03

KEY FOCUS AREA 3 – EDUCATION AND TRAINING

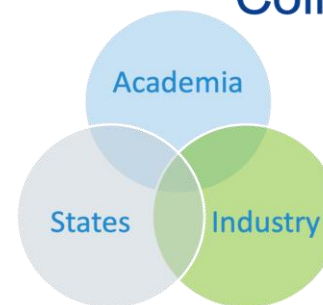
- Bridging the gap between education & training and industry needs: a highly skilled and competent workforce that meets the evolving needs of the aviation industry and ensuring

04

KEY FOCUS AREA 4 – CAPACITY DEVELOPMENT, IMPLEMENTATION SUPPORT AND RESOURCE MOBILIZATION

- No country is left behind by empowering member states with the necessary technical expertise, capacity, implementation support and resources.

Collaboration



- Research (forecasting) and innovation
- Development of strategies
- Relevance of education
- Accessibility to high quality aviation-related education
- Outreach

Cape Town , South Africa/ 9 August 2018



KEY FOCUS AREA 4: RESOURCE MOBILIZATION, IMPLEMENTATION SUPPORT AND CAPACITY DEVELOPMENT

Goal: No country is left behind by empowering Member States with the necessary technical expertise and capacity. The aspiring young aviation professionals and stakeholders have access to adequate financial support and resources. This can be achieved by focusing on the following, not limited to, key actions:

AT ICAO LEVEL:

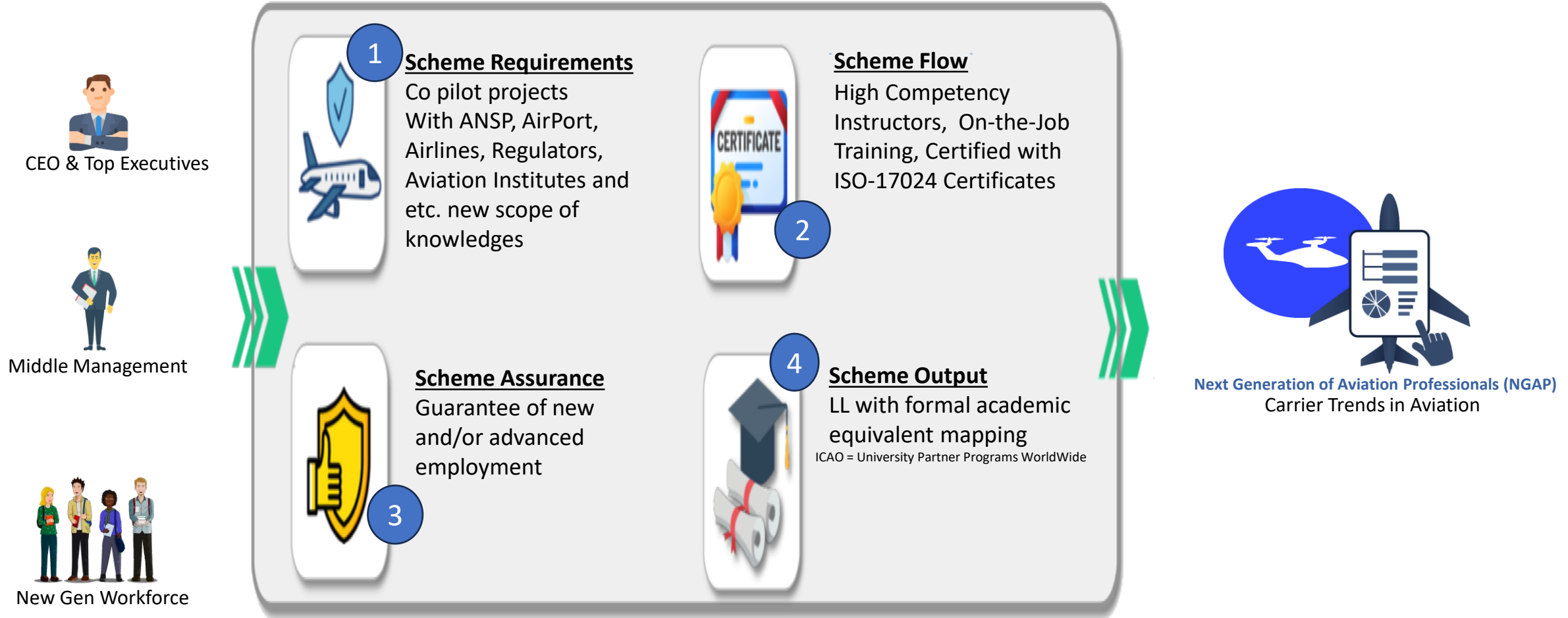
- Provide tailored implementation support, products, and services to assist States in designing and implementing NGAP strategies and action plans into their civil aviation master plans.
- Manage the Developing Countries Training Programme (DCTP) and establish partnerships to provide scholarships to aspiring aviation professionals, with a focus on maintaining gender balance, particularly in regions in need such as LLDCs and LDCs, SIDs.
- Mobilize resources and donors to support NGAP initiatives including products and services such as ipacks and training courses, hosting of regional symposiums, scholarships and fellowships, the Young Aviation Professionals (YAPP) and Junior Professional Officers (JPOs) programmes, secondees and financial contributions etc.
- Forge strategic partnerships with relevant UN organizations and aviation stakeholders to support NGAP initiatives and projects.

AT THE NATIONAL/REGIONAL LEVEL:

- Share resources, including training facilities, simulators, research laboratories, data, to enhance efficiency, reduce costs, and accelerate innovation.
- Jointly invest in training centers of excellence that serve multiple members and regions.
- Mobilize resources, establish public-private partnerships to develop funding mechanisms that support access to aviation related training, promote STEM education, offer subsidies or reimbursements for training programmes in critical skill areas to encourage participation, raise awareness on career paths and jobs available in the aviation industry, and to support any other initiatives aimed at attracting, educating, and retaining the next generation of aviation professionals.

Project Lead the way

Project Lead the way



Life Long Learning (LL) Scheme for Aviation Industries (Scheme Proposed)

Pilot Project Objectives → Schools of Excellence

Digital Tower



Air Traffic Flow
Management



Simulation



Trajectory-Based
Operations (TBO)



Aviation On-board



Pilot Project: (Thailand) 300 NGAP (2025)



Thailand Science
Research and Innovation



Aeronautical Radio
of Thailand, Ltd.



Federation of Thai Industry
Advanced Aviation/Navigation Sector



Kasetsart
University



King Mongkut's Institute of
Technology Ladkrabang (KMITL)