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# Next Generation of Aviation Professionals (NGAP)

Attracting, educating, training and retaining aviation professionals

[www.icao.int/ngap](http://www.icao.int/ngap)

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Director, Air Navigation Bureau

NGAP Summit, Montreal, Canada  
27 November 2017



## Next Generation of Aviation Professionals (NGAP)

- Launched to ensure that **enough qualified and competent aviation professionals are available** to operate, manage and maintain the **future** international air transport system
- Develop strategies, plans, best practices, tools, and guidance to assist the global aviation community in **attracting, engaging, educating, training and retaining** the next generation of aviation professionals
- Outreach for attracting youth, from pre-school to university, into aviation education and professions, by promoting aviation career opportunities, at global, regional and national levels
- Unite aviation and education sectors to implement NGAP strategies and plans at national levels



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# NGAP Contributing Organizations

## States / Regulatory Authorities



## International Organizations



## Education / Training Providers

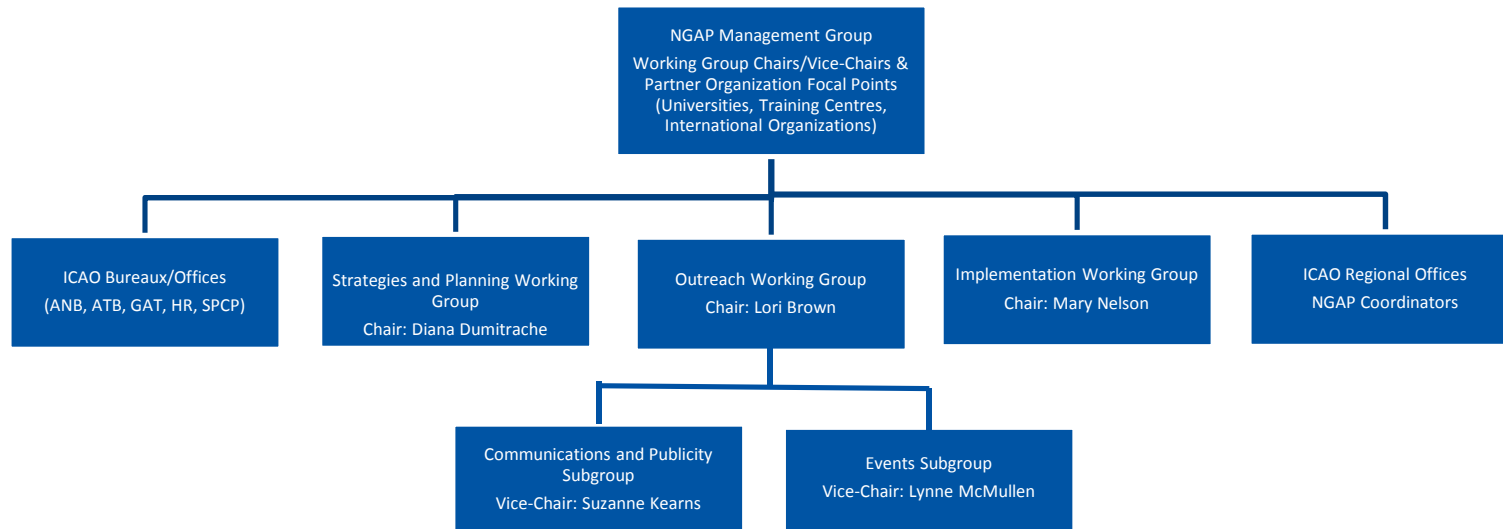


## Industry/Others





# NGAP Programme Organization





# NGAP Timeline (2009 – 2011)



ICAO  
NEXT GENERATION  
AVIATION PROFESSIONALS



Discuss impending shortage of aviation professionals.

Created the Next Generation Aviation Professionals Task force, NGAP.

Raise global awareness of international community.

Reported out to High Level Security Conference, HLSC, April 2010 and at the 37th Session of the Assembly.

Raise awareness regionally.

Developed closer links with several key organizations and the aviation training community to support NGAP activities.

Partner with Halldale Media Group to support NGAP issues.

Raised awareness with its partners, consolidated the NGAP Task Force and promoted work of ICAO.

Next Generation of Aviation Professionals (NGAP) Roundtable

1st NGAP Task Force Meeting

1st NGAP Symposium

2nd NGAP Task Force Meeting



WATS 2011 Orlando  
World Aviation Training Conference

IFALPA, IATA, IFATCA, IFATSEA, ACI, CANSO, FSF, Aviation Accreditation Board International (AABI)

Created several working groups to support work, such as: Accreditation, Pilot and Air traffic controller competencies, Reaching out to the next generation

IFALPA, IATA, IFATCA, IFATSEA, ACI, CANSO, FSF, AABI, EUROCONTROL.

Halldale Media Group

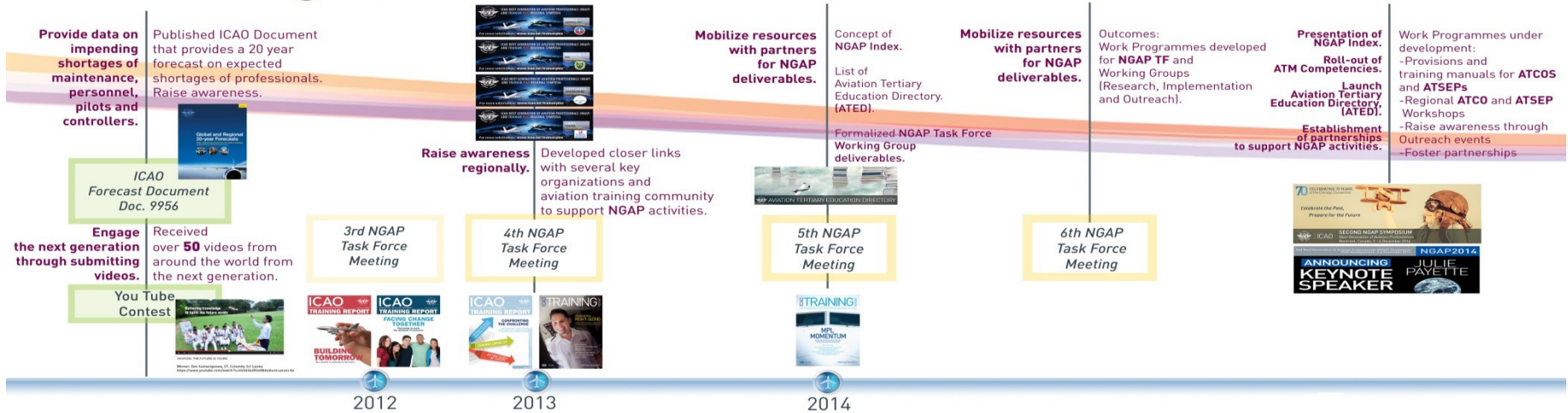
2009

2010

2011



# NGAP Timeline (2011 – 2015)





# Recent NGAP Developments (2016 – 2017)

- Established as ICAO Programme, inclusion in GANP & GASP, Assembly Resolution
- Outreach activities and communications including:
  - Website; Newsletters; Training Reports
  - Inclusion in Global and regional training conference programmes
  - Collaboration with IPTA to promote best practices for pilot careers
- Supported Dream Soar Initiative
- NGAP Global Summit & Model ICAO Forum
- New Fundamentals of the Air Transport System course
- New Aviation Training and Education Directory
- Updated aviation personnel forecasts
- New CBT manuals and regional workshops





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# NGAP Outreach

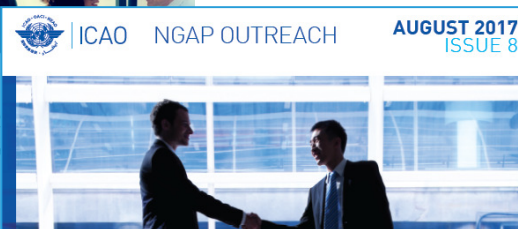


ICAO / Safety / Next Generation of Aviation Professionals

**Next Generation of Aviation Professionals (NGAP)**

It has been recognized by the international aviation community that there skilled aviation professionals in the near future. In order to address this in Next Generation of Aviation Professionals (NGAP) initiative to ensure that aviation professionals are available to operate, manage and maintain the system.

Home  
About NGAP  
NGAP Programme  
States & Organizations  
Supporting NGAP  
Presentations  
NGAP16 Presentations  
Videos



**10 NGAP GLOBAL SUMMIT**  
MONTREAL, CANADA (NOVEMBER 27-28 2017)

ICAO is hosting the NGAP Global Summit at ICAO Headquarters Montreal, Canada from November 27-28 2017. The ICAO Global Summit is intended to provide a unique opportunity for coordination and collaboration amongst the aviation community, education and labor for the development of strategies and tools to engage Ministers responsible for Civil Aviation and Education, or their designated high-level representatives, are invited. Civil Aviation Authorities, airport operators, air navigation service providers, airlines, industry, aviation associations, international organizations, aviation academia and training institutions, young aviation professionals, local

**IN THIS EDITION**

- Capt. Sheesta Waic and Dreams Soar at ICAO's Headquarters in Montreal
- Dare to Dream - Wasbank Botswana International Air Show!
- Capt. Sheesta Waic returns to Kabul, Afghanistan
- NGAP at AABI's Annual Meeting
- Opinion: Is the Pilot Job Losing its Attraction?
- China Aviation Training Forum 2017
- Investing in Airport Training







# New NGAP Developments

- Partnerships with UN agencies
- Promoting STEM and Gender Equality
- New Outreach Best Practices Tool
- Planned Outreach Gap Analysis Tool
- Proposed secondary school aviation career opportunities
- New State aviation personnel forecasting tool
- New State aviation safety inspector forecasting tool
- Proposed network for educational institutions with aviation programmes
- New guidance for States to develop national NGAP Strategies and Implementation Plans
- Annual NGAP Summit





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