



ICAO

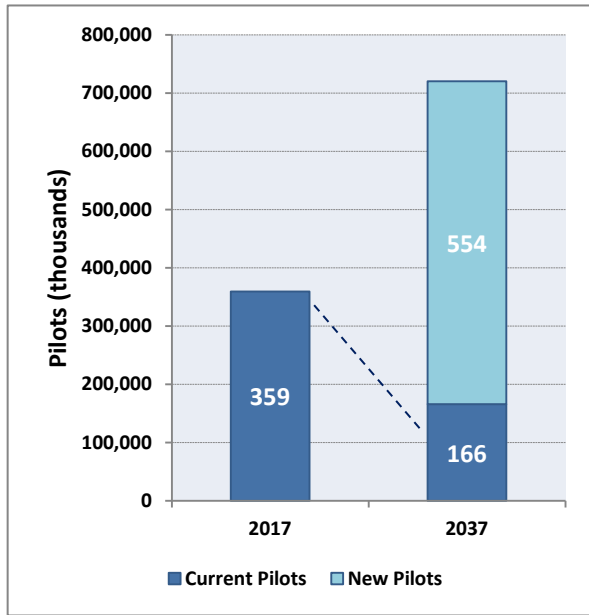
ICAO 6th Global Aviation Training and TRAINAIR PLUS Symposium

Session 1: GLOBAL OVERVIEW - Setting the stage -

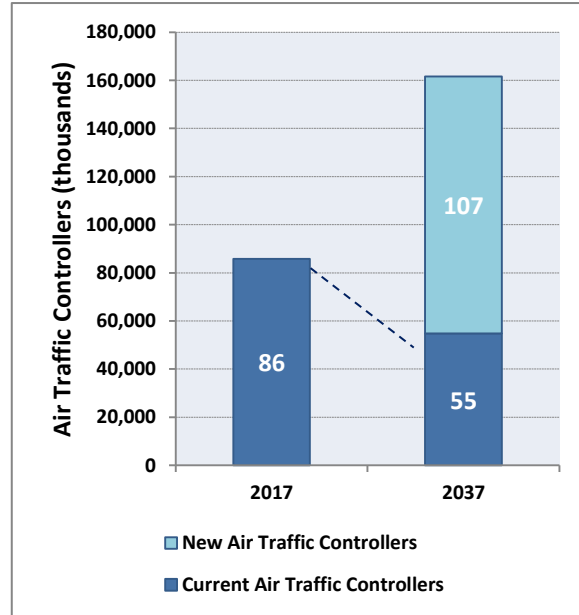
Mr. Meshesha Belayneh,
Deputy Director, Technical Cooperation Bureau

Forecasted needs for aviation personnel 2017- 2037

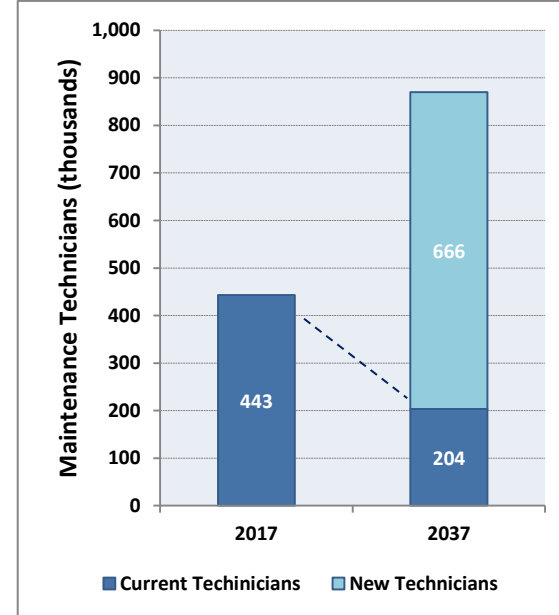
Source: ICAO doc 9956 “Global and Regional 20-year Forecasts”



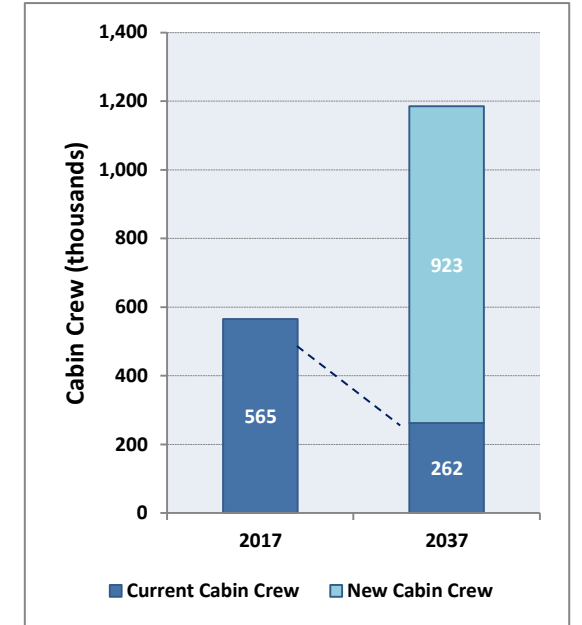
Pilots



Air Traffic Controllers



Maintenance Technicians



Cabin Crew

Training Approach in the Last 20 Years



Instructor

lectures in class



Trainees

receive information
from the instructor



All assume

trainee will transfer
learning to on-the-job
performance



Evolving Aviation Training Approach

Aviation Training Trends

- Wearable technology
- Big data
- Learner-centered pedagogy
- Adaptive learning



Training Effects

- Higher standard of readiness
- Reduced remedial training
- Enhanced training effectiveness



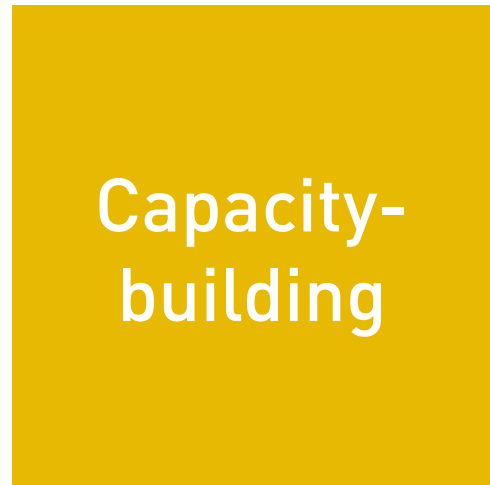
Culture of innovation



Develop a culture in which innovation is valued



Improve
learning



Why continue to Innovate?

Engaged learning experience leads to improved performance.

Meeting the forecasted growth relies on the availability of competent and qualified personnel.

Our responsibility: Innovation must be undertaken in a safe and secure manner



THANK YOU!