



ICAO

TRAINING

# Global Overview

Innovating in the training field  
to prepare for the evolving needs  
of the aviation community

GATTPS 2019 - New Delhi, India

# ICAO Training Strategy

## Competency-based training

- Competency: Knowledge, Skills and Attitudes
- Performance oriented
- Standard prescribed



# Current Trends in Learning

## Social Learning

Learning and interacting with others through social media channels



## Micro Learning

Short and focused learning modules, bite-sized Information, Multi-Device Compatibility



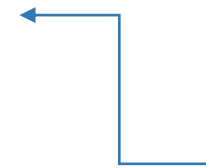
## Gamification

More engaged learning experience, applying gaming principles and related elements



## Adaptive Learning

Customized learning experience with data-driven approach to adjust the learner's journey



# New Technology in Aviation Training



## Ubiquitous Learning Platform

Access anywhere  
Invisible  
Wearable



## Recognition

Making Interactions  
Seamless  
Facial/Voice/Gesture



## Artificial Intelligence (AI)

Adaptive Learning Path  
Robotics/Chatbot



## VR/AR/MR

Enhanced Learning  
Experience  
Simulation

# Challenges in Using New Technology for Training



## Accessibility

Are learning opportunities universally accessible?



## Affordability

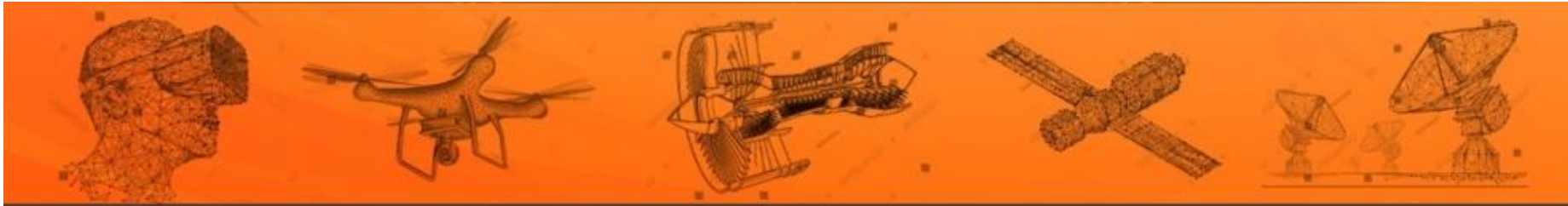
Are learning opportunities affordable?



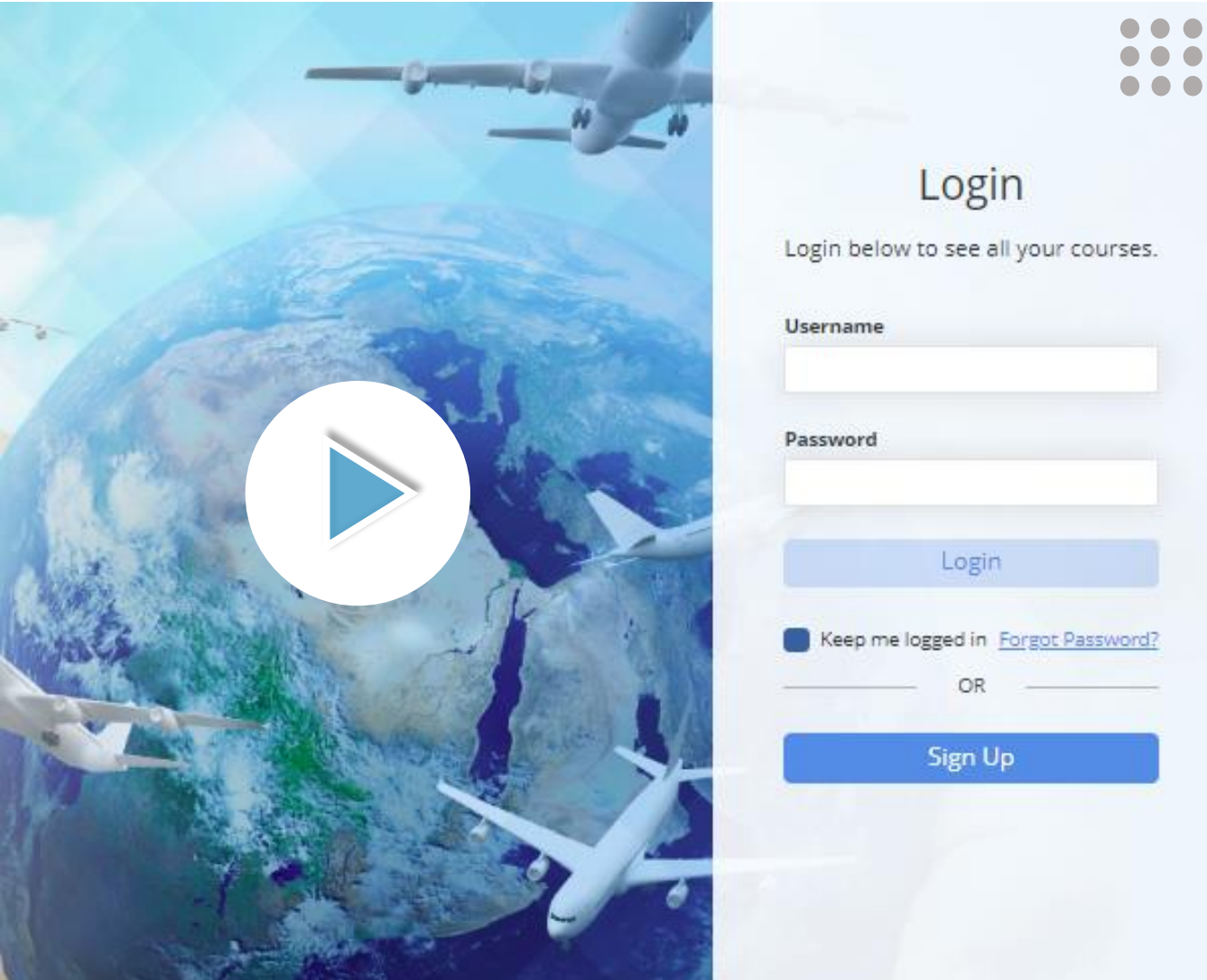
## Accountability

Are innovation providing values?

# Innovation: way forward



- Training Innovation Lab (Research and Development)
- Guidance Material for States
- Partnership with CATCs, Academia and Industry.
- Attracting Next Generation of Aviation Professionals (NGAP)
- Supporting No Country Left Behind (NCLB)



# Current Innovation in Training: ICAO

## ONLINE COURSES IN NEW LMS




ICAO's new LMS will serve as a fundamental component to enhance interactive learning experiences, and provide engaging opportunities.

## TPEMS 2.0

The TRAINAIR PLUS electronic management system 2.0 will be launched in January 2020, providing an enhanced user experience.

# Strategic Training Plan for Next Triennium at ICAO

ICAO TRAINAIR PLUS will provide:

-  More Accessible Training
-  More Green Learning (environmentally friendly) with Distance Learning Course
-  More Multiple Language Support Online Training





A video player interface showing a close-up of hands inspecting a passport. A large black play button is centered over the video. Below the play button, the text "Manual and Visual Inspection" is displayed. At the bottom of the video frame, a subtitle reads: "- [Narrator] When examining a passport,". The video player controls at the bottom include a play/pause button, a progress bar, and various settings icons (volume, closed captions, full screen).

**THANK YOU!**