



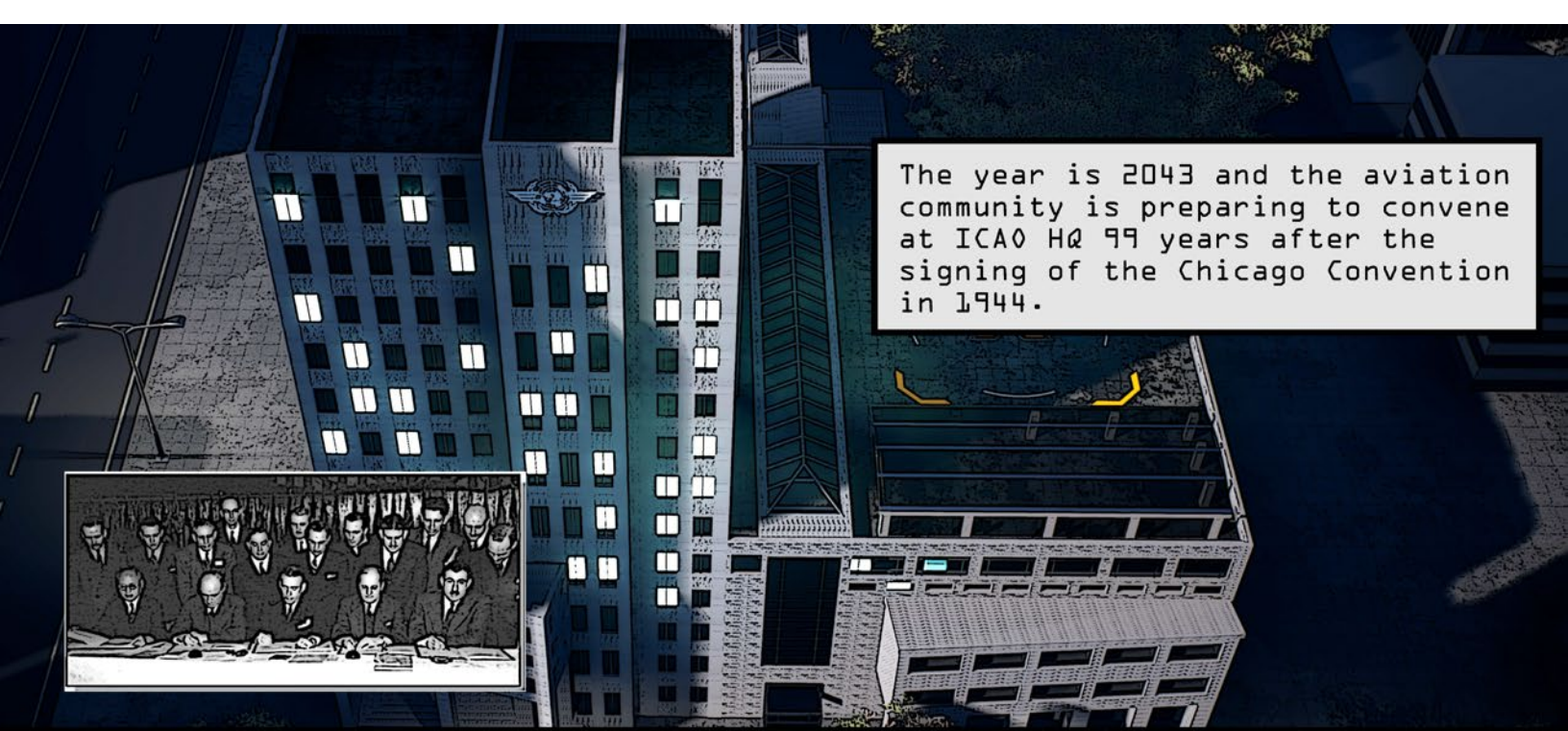
ICAO

# ASSEMBLY 2043

**INNOVATION**

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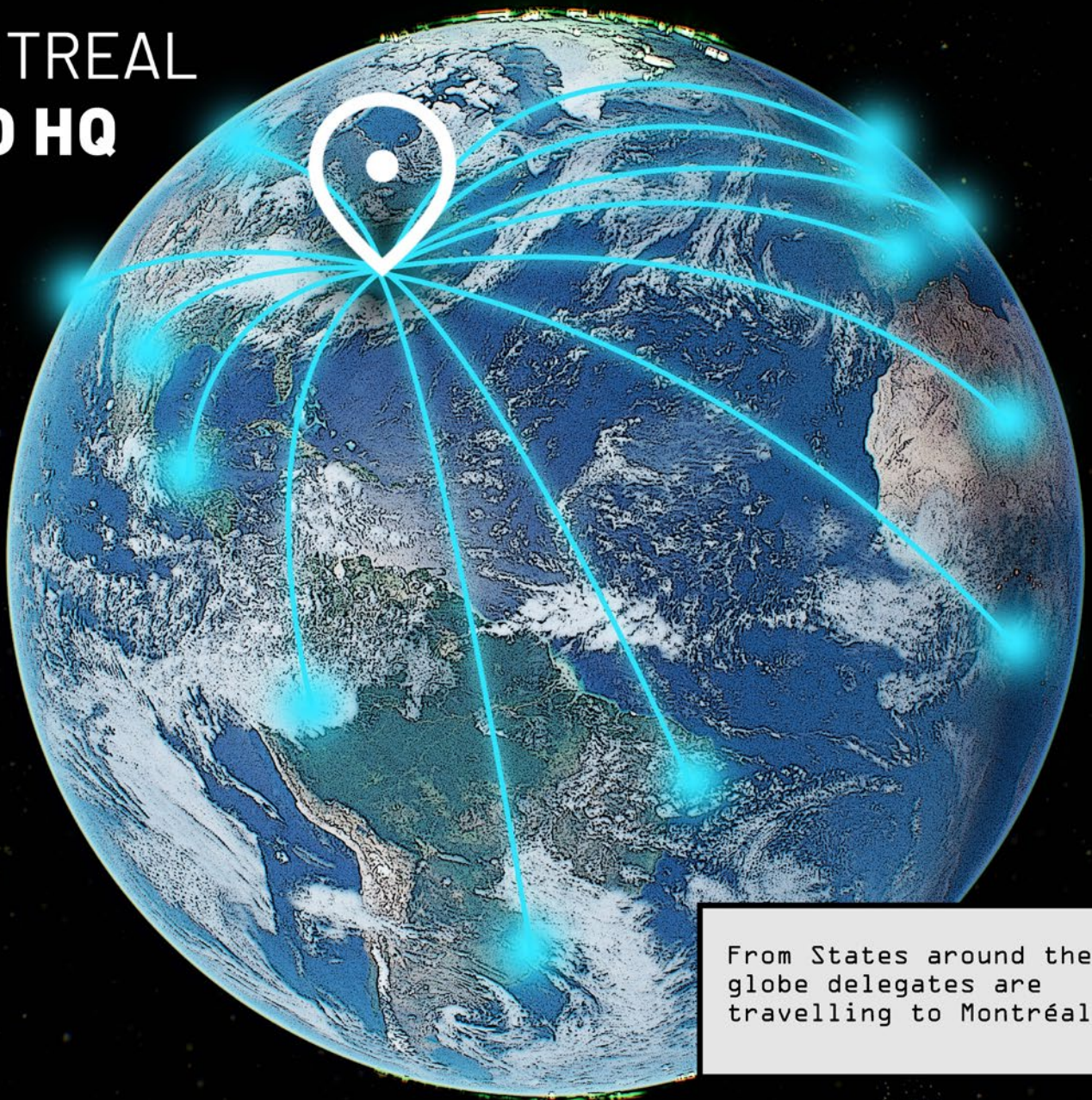


An aerial, nighttime view of the ICAO Headquarters building in Montreal. The building is a modern, multi-story structure with many windows illuminated from within, creating a grid of light against the dark sky. The architecture features a mix of glass and solid panels.

The year is 2043 and the aviation community is preparing to convene at ICAO HQ 99 years after the signing of the Chicago Convention in 1944.



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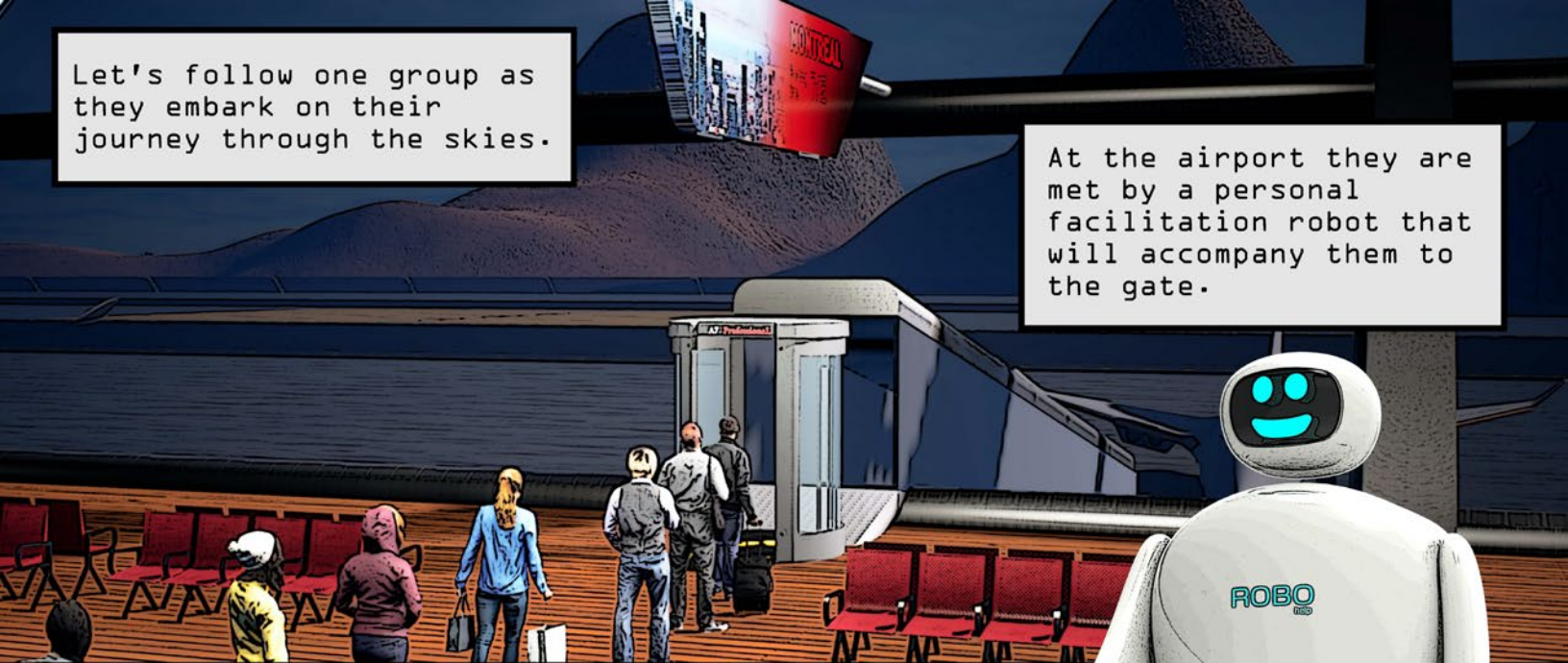


From States around the globe delegates are travelling to Montréal.



Let's follow one group as they embark on their journey through the skies.

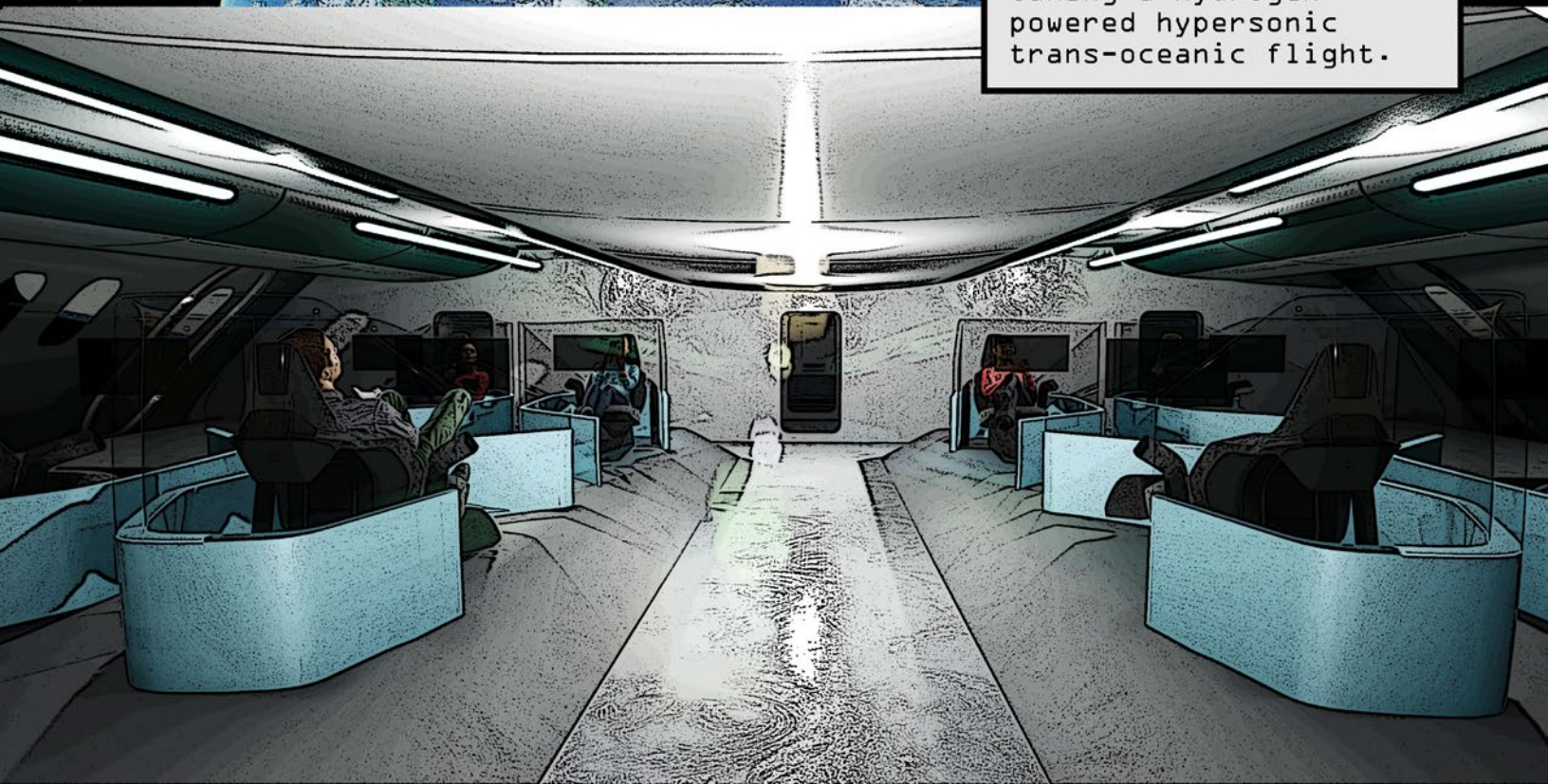
At the airport they are met by a personal facilitation robot that will accompany them to the gate.



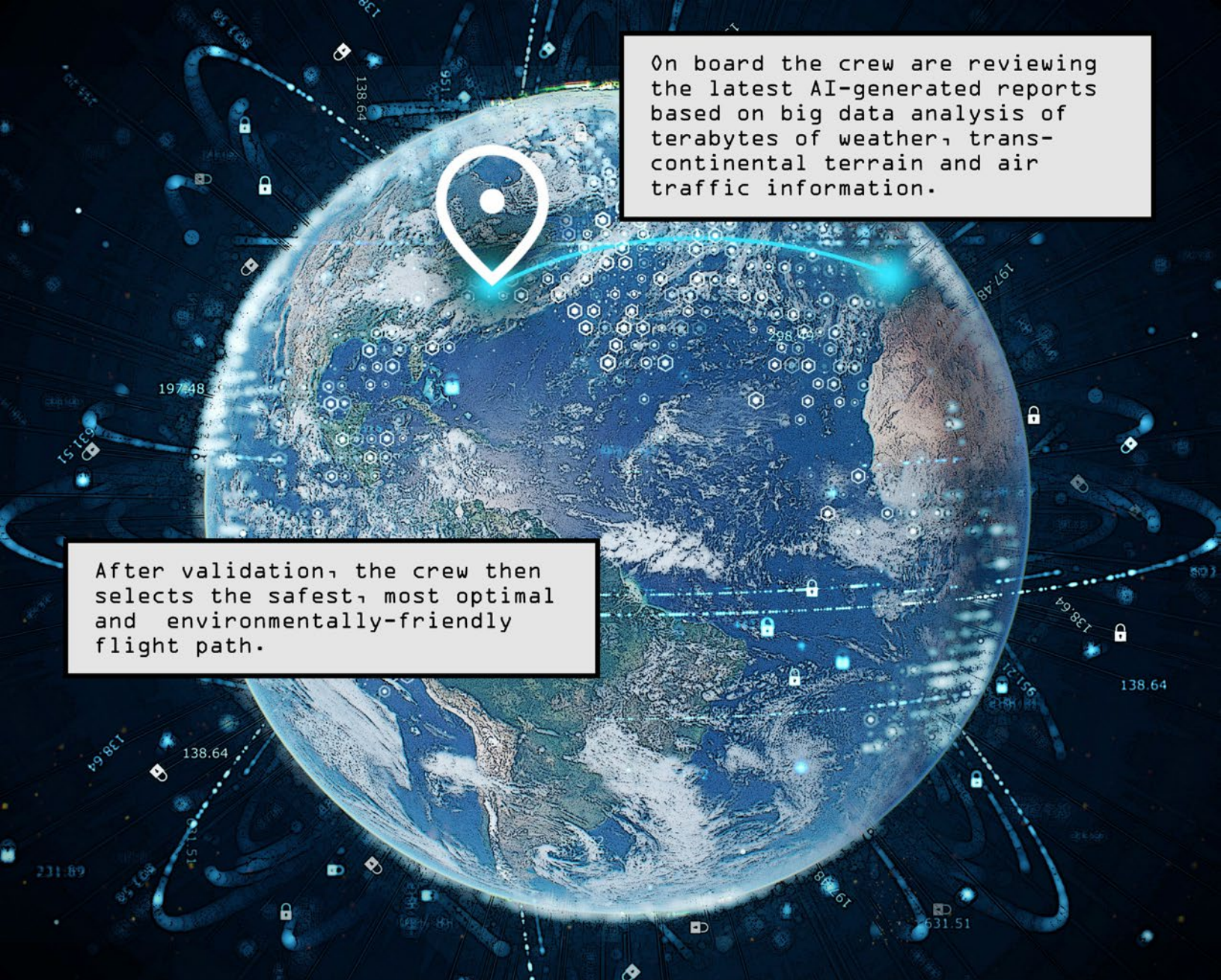
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Today they will be taking a hydrogen powered hypersonic trans-oceanic flight.








On board the crew are reviewing the latest AI-generated reports based on big data analysis of terabytes of weather, trans-continental terrain and air traffic information.

After validation, the crew then selects the safest, most optimal and environmentally-friendly flight path.



ready to go

Once everyone is on board, the crew activates a cyberlock to protect the aircraft from cyberattacks.



The aircraft then takes off and lands in 1 hour after flying halfway across the world.



It reaches an altitude of 100,000 ft and speeds of Mach 5.



The trajectory flight path it takes is smooth and all communications, navigation and surveillance systems are enabled through a selfhealing Integrated Ground-Air-Space (IGAS) network that identifies, integrates and implements all standardised national regulations digitally.

The delegates converge/arrive at the airport, some using flying taxis, others use self driving cars, some use flying jet packs, hover bikes and other means of transport.





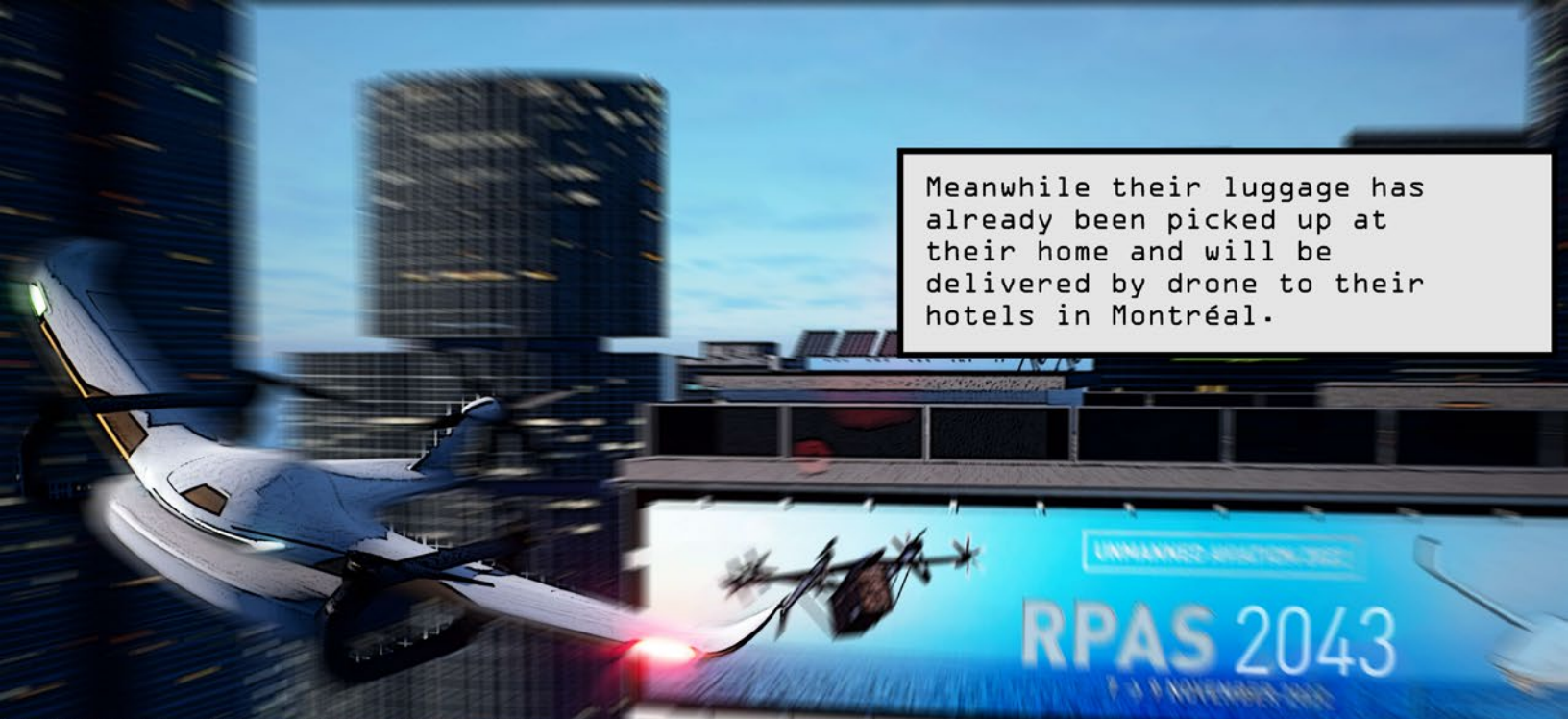
Upon arrival in Montréal the passengers exit the aircraft and go straight to the local air taxi station - there is no arrival hall, no lines, no baggage carrousel.



Arriving at ICAO Building or the hotel directly by eVTOL air taxis.







Meanwhile their luggage has already been picked up at their home and will be delivered by drone to their hotels in Montréal.



Each attendee picks up an ICAO Assembly digital pad.

All information they need is on the device and in the language they choose.



It is the latest version of the digital ICAO, which started with the digital transformation in 2022.



One delegate receives an alert from the pad indicating that another State has submitted a motion on an item of interest to her.

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2043



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2043



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2043

To better understand the proposal, she calls the author through the pad. And the two are connected while each speaking their own language.

After they agree on a clarification it is then added to the motion and shared with all the other delegates.

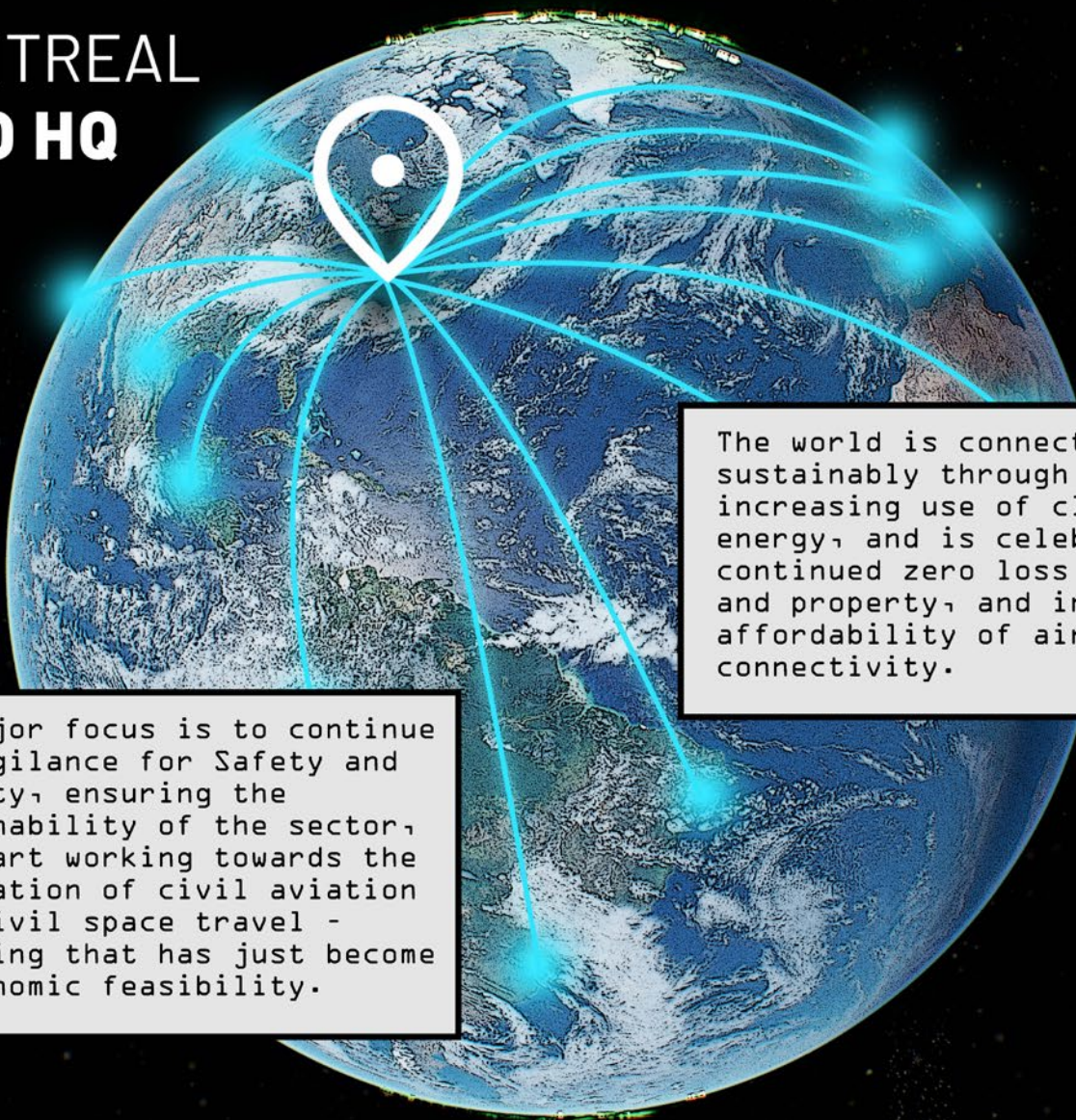






With consensus building mainly happening in the digital space, the Assembly itself is dedicated to global strategies and celebrations.

## MONTREAL ICAO HQ



The major focus is to continue the vigilance for Safety and Security, ensuring the sustainability of the sector, and start working towards the integration of civil aviation with civil space travel - something that has just become an economic feasibility.

The world is connected sustainably through the increasing use of clean energy, and is celebrating the continued zero loss of life and property, and increasing affordability of air connectivity.

# END





# INNOVATION

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