



SAFE SKIES.
**SUSTAINABLE
FUTURE.**



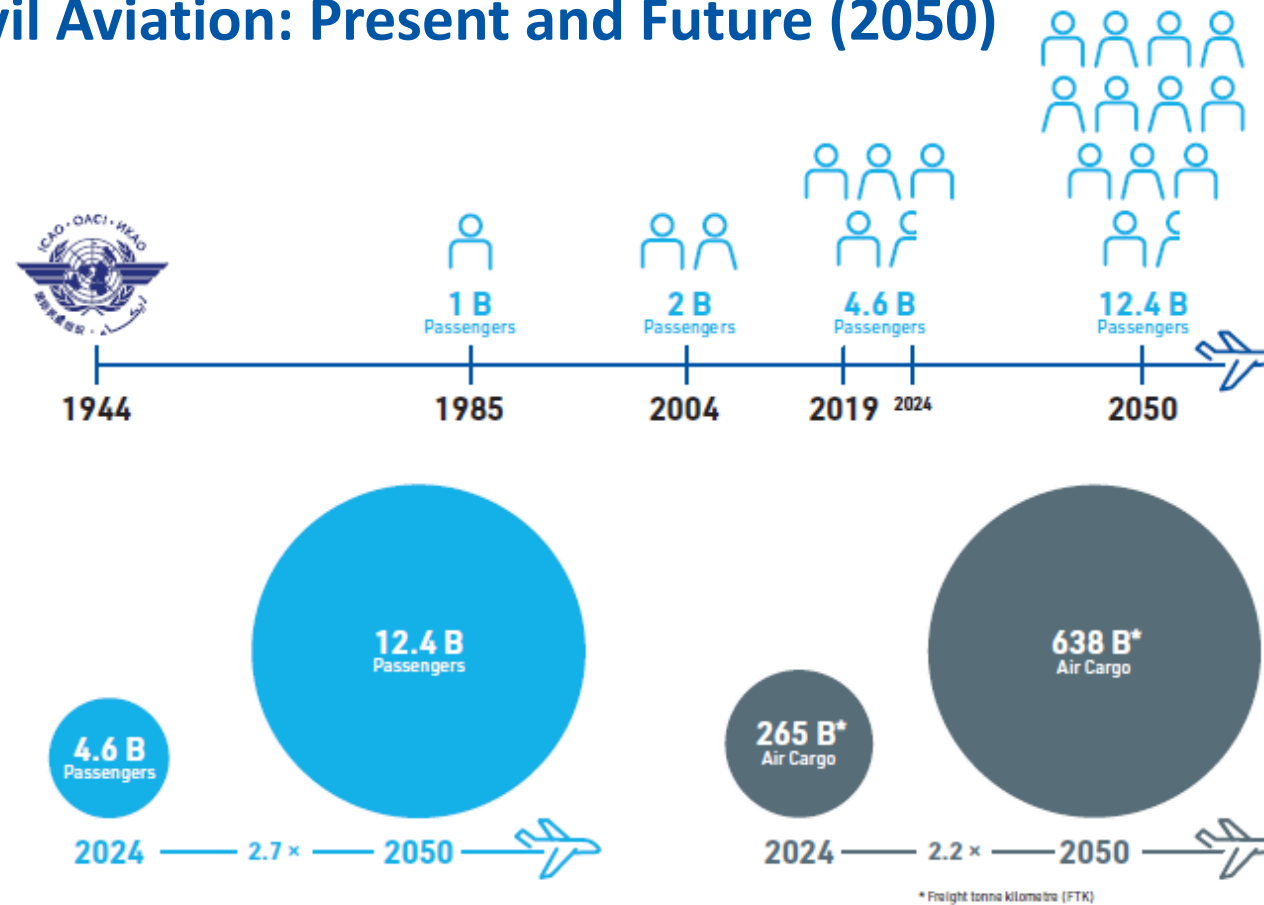
| ICAO

ICAO Global CAPSCA Update
Nairobi
December 2025



The ICAO Strategic Plan (2026 – 2050)

Context of Civil Aviation: Present and Future (2050)



ICAO Business Plan (2026 – 2028)

Strategic goal: Every flight is safe and secure

ENSURE continuous protection for air passengers and cargo, the general public and staff from all safety risks and from security threats posed by any act of unlawful interference.

ACHIEVE zero fatalities resulting from aviation accidents or incidents.

KEY PRIORITIES 2026–2028

- ✓ Develop and support States implementing, and continue to adapt, globally harmonized policies, SARPs, regulatory frameworks, guidance and tools, that allows for the safe operations of existing airspace users and new entrants; as
- ✓ Incorporate relevant technologies and concepts to ensure safer and more secure flights;
- ✓ Support and enhance the health and safety of aviation personnel and the public through the collaboration of CAPSCA with aviation medicine, public health and other relevant experts;

ICAO Business Plan (2026 – 2028)

Strategic goal: No country left behind

KEY PRIORITIES 2026–2028

- ✓ Provide enhanced support for States in the effective implementation of ICAO's SARPs, plans and policies in a more coordinated, comprehensive and globally harmonized manner;
- ✓ Promote civil aviation's importance in national development contexts;
- ✓ Address technologies through continuous expansion of implementation support solutions.

Considerations

- 193 member states
- Different capacities
- Different resources
- Different cultures
- Others

ICAO Business Plan (2026 – 2028)

Strategic goal: Aviation delivers seamless, accessible and reliable mobility for all

Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA)

CAPSCA is a collaborative framework that helps mitigate health emergencies' impact on aviation, ensuring the safety of personnel and the public. It aligns ICAO and WHO guidance, fosters sector dialogue, and supports implementing medical advice in aviation. The program promotes aviation resilience through a flexible, evidence-based approach.

Crisis Preparedness and Response

This programme envisages to create a comprehensive and adaptable crisis response programme within ICAO to help States meet obligations under the Chicago Convention and other sectors, improving crisis response capabilities for air traffic management disruptions, health emergencies, and humanitarian crises.

Main challenges: SARPs and Guidance

State Sovereignty

- The power of a country to control its own government (Cambridge)
- **Practice:** States have different priorities, risk tolerance levels, resources and capacities

Harmonization

- Making laws or policies similar to somewhere else (Macmillan)
- **Practice:** Harmonize to the greatest extent possible, role of regional, multilateral, bilateral and agreements

Future Resilience

- The capacity to withstand or to recover quickly from difficulties (Oxford)
- **Practice:** Implement SARPs, incorporate lessons learned from COVID, gap analysis, training, capacity building, implementation assistance, innovation, invest in preparedness and response

CAPSCA Strategic Activities

Address findings of the ICAO Internal Audit report based on management of the COVID pandemic

- Enhanced collaboration
 - United Nations Entities
 - Internal within ICAO
 - Other aviation stakeholders
- Resources for CAPSCA
 - Resource determined by Council by priority
 - All sections and programmes considered
- Formalize CAPSCA governance

ICAO collaboration with UN

World Health
Organization (WHO)

International Labour
organization (ILO)

United Nations
Tourism Office

International Maritime
organization (IMO)

International Organization
for Migration (IOM)

International Atomic
Energy Agency (IAEA)

United Nations
Development Program
(UNDP)

Crisis Response Policy and
Disaster Risk Reduction
Strategy (all types of risk)

Sendai framework (All
risks)
One Health

CAPSCA collaboration with WHO

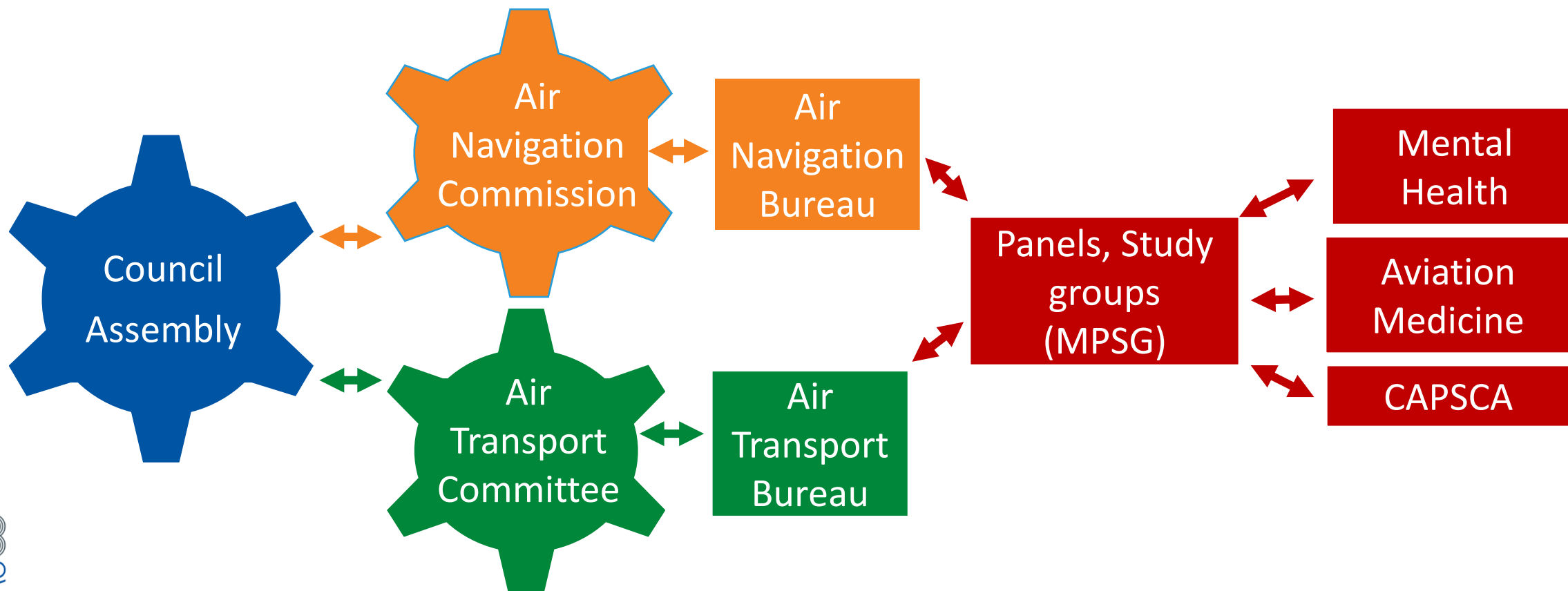
- MOU since 2022, which replaced earlier Letter of Agreement
- Annual working plan - global and regional levels
- Annual survey in December to determine priorities for the next year
- New CAPSCA logo



CAPSCA Governance 1

- Health risk management in aviation (public health events)
- Health and safety of aviation personnel
 - Medical certification
 - Occupational health (public health)
 - Mental health
- Health and safety of passengers
- **Alignment with WHO IHR, ICAO SARPs and Assembly Resolutions**

Levels of ICAO Management, SARPs and guidance



CAPSCA Governance 2

- Align with Air Navigation Bureau Instructions on Panels, Study Groups and Working Groups
- Evidence informed, risk based SARPs and guidance
- Flexible and agile response mechanisms
- Practicality and cost-effectiveness of mitigation measures
- Broad-based generic preparedness and response procedures for all types of emergencies, flexible to be adapted to specific emergencies

CAPSCA Governance 2


- Implementation assistance
- Formalize specifications, role and responsibilities of different CAPSCA technical roles to enhance collaboration and implementation
- Establish and maintain relationships to be functional at all times

CAPSCA Projects

- Airport vector control register (international airports)
- Vector-based Risk Tool

The map and list below indicates those airports which have entered information into the ICAO Airport Vector Control Register.

[Tutorial](#) [Request credential verification and access to register an airport](#)



Map data ©2016 [Terms of Use](#) [Report a map error](#)

Show entries

Search:

Airport Code ▲ Name/City ◆ Country ◆ Register Entry Created ◆

Vector:	<input type="text" value="Please select..."/>	Month:	<input type="text" value="Please select..."/>	Region:	<input type="text" value="Please select..."/>
Departure Airport:	<input type="text" value="Please select..."/>	Arrival Airport:	<input type="text" value="Please select..."/>	Airline:	<input type="text" value="Please select..."/>
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CAPSCA Projects

- CAPSCA Regional Coordinator Manual
 - ICAO consultant in process of being appointed
- Harmonization of WHO IHR and ICAO SARPS
 - Includes harmonization of checklists and recommended trainings
 - WHO consultant in process of being appointed

CAPSCA Projects

- CAPSCA Digital Repository
 - Objective: Risk assessment and risk management
 - Outcome: Bilateral and multilateral agreements
 - Part of comprehensive Aviation Health Repository
 - Part of Aviation Health Management Plan

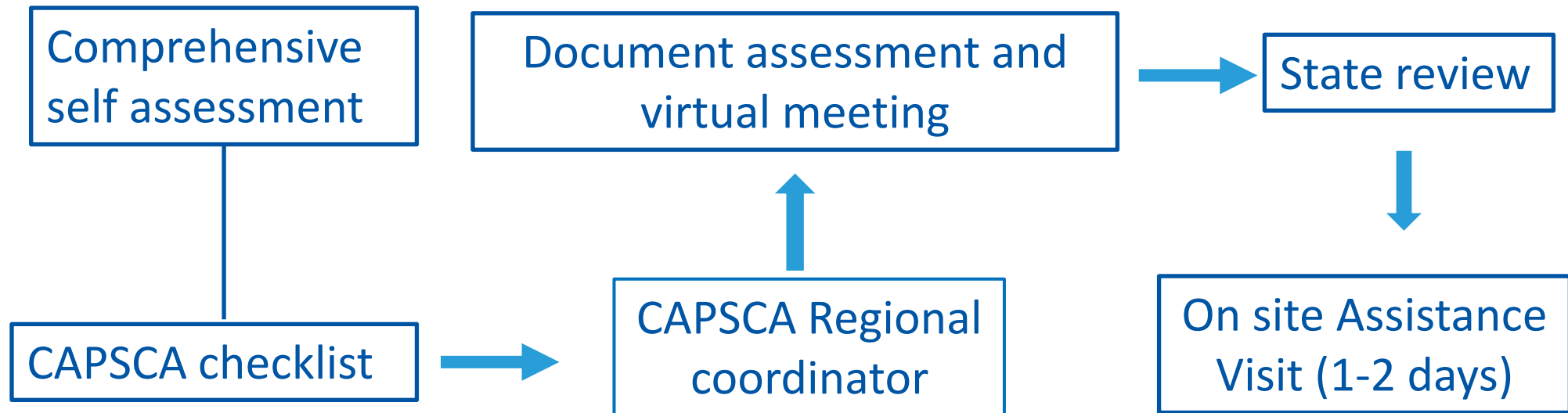
CAPSCA Technical Activities

- CAPSCA Working Groups
- Guidance (ICAO Manuals)
 - CAPSCA procedural manual (all technical roles)
 - CAPSCA Cross-Border Risk management Manual
 - Include outcomes of CAPSCA working groups

CAPSCA Technical Activities

- Training
 - CAPSCA Technical advisers
 - CAPSCA national focal points in member states
- Implementation Assistance
 - CAPSCA Virtual Assistance visits
 - On site Assistance Visits

CAPSCA Assistance Visits



Objective: Assess capabilities and gaps that need to be addressed or strengthened mitigate and manage public health emergencies in aviation

CAPSCA Working Group 1 (PREPARE)

Tasks	Deliverables
<ol style="list-style-type: none">1. Review effectiveness of measures applied in aviation during COVID2. Consider the impact of these measures in reducing or delaying the spread of COVID3. Consider operational and financial implications in the implementation of these measures	<ol style="list-style-type: none">1. Updated or new processes, procedures and mitigation measures that need to be considered for further investigation2. Focus on airborne and contact transmission (direct or indirect)3. An updated framework and guidance material (including templates) for PHE transmitted by air or through contact
Progress: Various reports and articles documented. Next steps: categorize and review	

CAPSCA Working Group 2 (INNOVATE)

Tasks	Deliverables
1. Review potential new measures and its effectiveness & advantages in aviation	1. New measures (processes or procedures) considered for investigation/ implementation
2. Review existing digital solutions and propose potential improvements	2. Proposed digital solutions considered for investigation/ implementation
3. Consider the operational and financial implications for implementation in aviation	3. An updated framework and guidance material (including templates) for new measures and/or digital solutions

Progress:

1. New research and practical procedures relating to aircraft and airport waste-water analysis and UV disinfection documented. Next steps: Assess and discuss in working groups.
2. Funding for the development of ICAO digital repository & risk management tools (2026).

CAPSCA Working Group 3 (PATIENT)

Tasks	Deliverables
<p>Consider medical assistance and patient transport in terms of:</p> <ol style="list-style-type: none"> 1. <u>Safety</u>: Roles & competencies of personnel 2. <u>Operations</u>: Logistics and challenges delaying or complicating transport 3. <u>Aircraft</u>: Fixed wing, rotor wing, commercial air transport, dedicated air ambulances 4. <u>Aeromedical factors</u>: criteria for treatment on board or air ambulance transport, first aid kits, medical kits, processes and procedures, other relevant factors 	<ol style="list-style-type: none"> 1. Terminology to standardize the understanding and use of aeromedical transport concepts 2. Guidance material to manage medical emergencies on-board commercial aircraft 3. Guidance to conduct patient air transport operations
<p>Progress: Terminology compiled. Further discussion in multi-disciplinary working group</p>	

CAPSCA Working Group 4 (MANUAL)

Tasks	Deliverables
<ol style="list-style-type: none"> 1. Review and update the existing COVID manual 2. Develop a generic framework (with templates and checklists) to assess and manage disease outbreaks (from early warning phase to resuming normal operations) 3. Differentiate between the different modes of disease transmission. 	<ol style="list-style-type: none"> 1. Incorporate information from ICAO State Letters, Electronic Bulletins and iPack reports 2. New framework and guidance 3. Incorporate the deliverables of the other CAPSCA working groups <ul style="list-style-type: none"> • Applicable to managing all types of PHE • Specific modes of transmission including airborne, contact transmission, vector borne, food and water contamination, others
<p>Progress: Initial structure and contents of manual discussed. Next step is review and incorporation of lessons learned from COVID</p>	

CAPSCA Working Group 5 (IMPLEMENT)

Tasks	Deliverables
<ol style="list-style-type: none"> 1. Review CAPSCA checklists and training material 2. Consider and incorporate lessons learned from PHC iPack 3. Review and update CAPSCA training material 4. Advise on cost-effective implementation 	<ol style="list-style-type: none"> 1. Updated CAPSCA checklists for Assistance Visits 2. New CAPSCA Implementation Manual 3. Report on CAPSCA training, including JAATO CAPSCA Technical Advisor Course 4. Short courses to assist with implementation 5. Updated procedures for virtual and on-site Assistance Visits
<p>Progress: Checklists completed that incorporated amended IHR and ICAO SARPs. Next : For review by WHO consultant, finalize checklists and proceed with training material recommendations.</p>	

Thank You

