



Eighth Africa Regional Meeting of CAPSCA

8 – 10 February 2022

CAPSCA Global – Updates
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Chief Aviation Medicine Section
CAPSCA Programme Manager



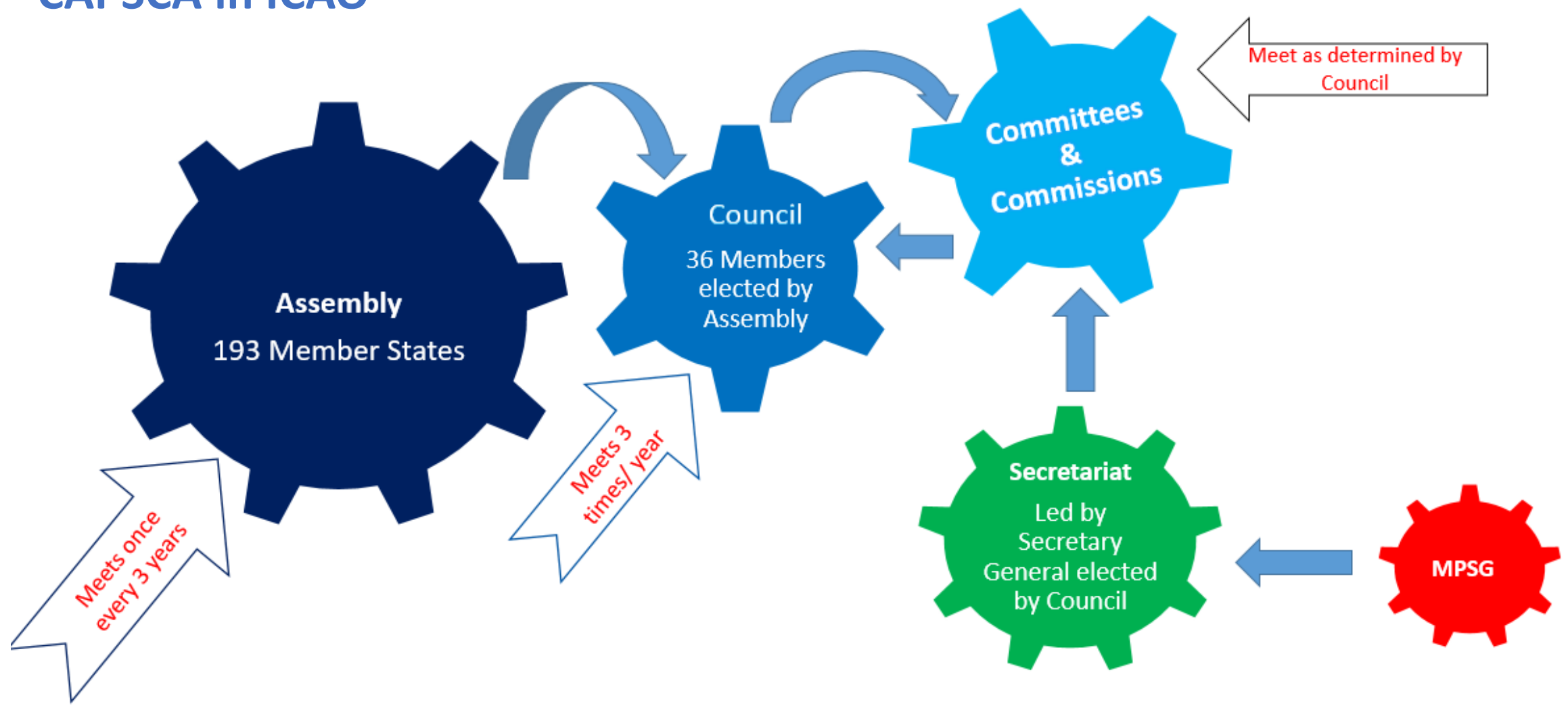


Overview

- The CAPSCA Programme in ICAO
- COVID-19 Aviation Scientific Assessment Group (CASAG)
- Public Health Corridors (PHC)
- High Level Covid-19 Conference (HLCC)
- Strengthening CAPSCA
- CAPSCA Symposium

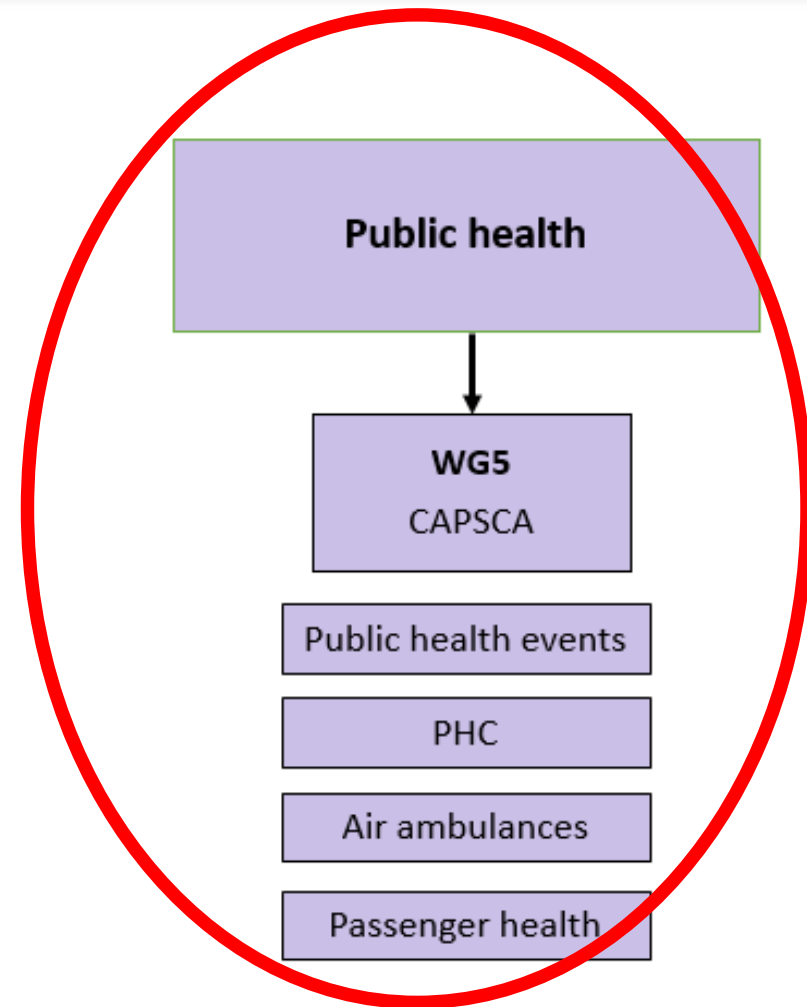
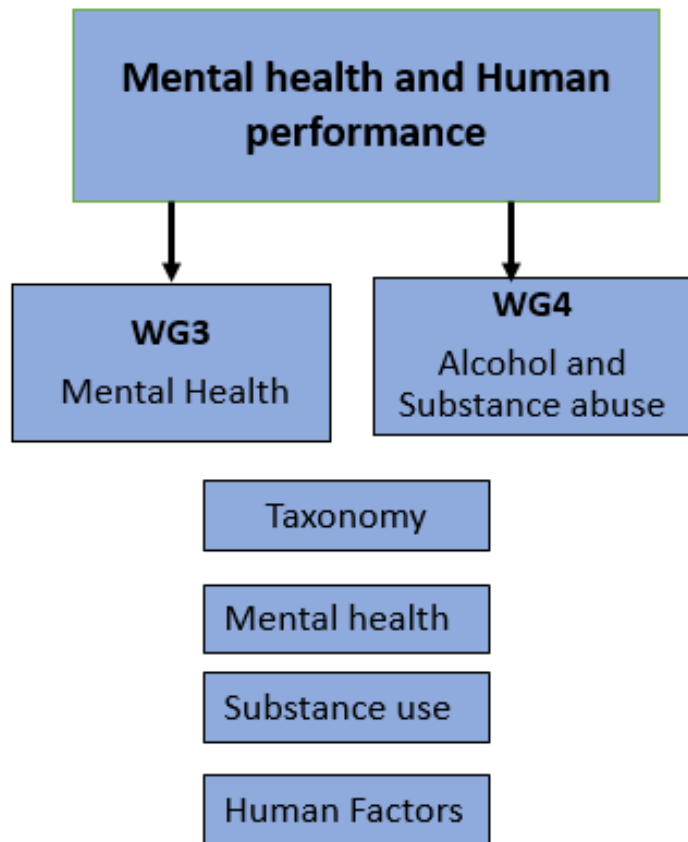
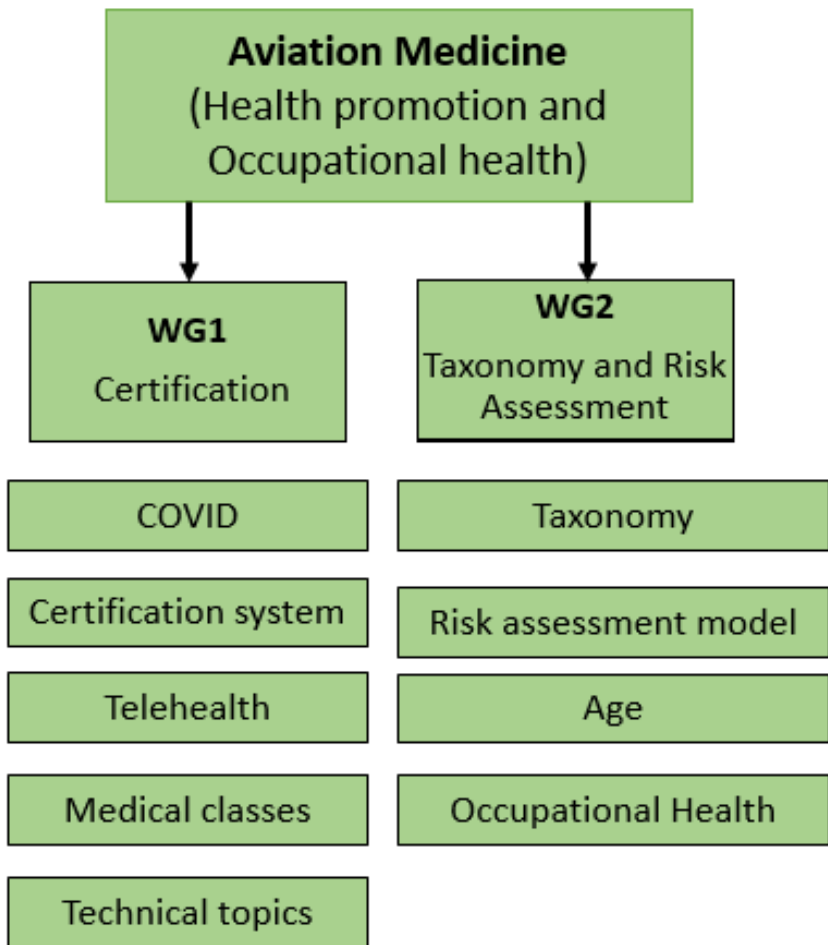


CAPSCA in ICAO





CAPSCA in ICAO





CAPSCA in ICAO

Aviation Medicine (Health promotion and Occupational health)

- Annex 1: Personnel Licensing
- Annex 13: Accident and Incident Investigation
- Annex 19: Safety Management
- Manual of Civil Aviation Medicine (8984, 2012)
- Manual: Laser Emitters (9815, 2003)
- Manual: Substance use (9654, 1995)
- Manual: Safety Management (9859, 2018)

Mental health and Human performance

- Annex 1: Personnel Licensing
- Annex 13: Accident & Incident Investigation
- Annex 19: Safety Management
- Manual: Civil Aviation Medicine (8984, 2012)
- Manual: Substance use (9654, 1995)
- Manual: Human Performance (10151, 2021)
- Manual: Safety Management (9859, 2018)

Public health

- Convention
- Annex 6: Operation of Aircraft
- Annex 9: Facilitation
- Annex 11: Air Traffic Services
- Annex 14: Aerodromes
- Annex 15: Aeronautical Information Services
- Annex 18: Dangerous Goods
- PANS-ATM (4444, 2016)
- Manual: COVID Risk Management (10152, 2021)
- WHO

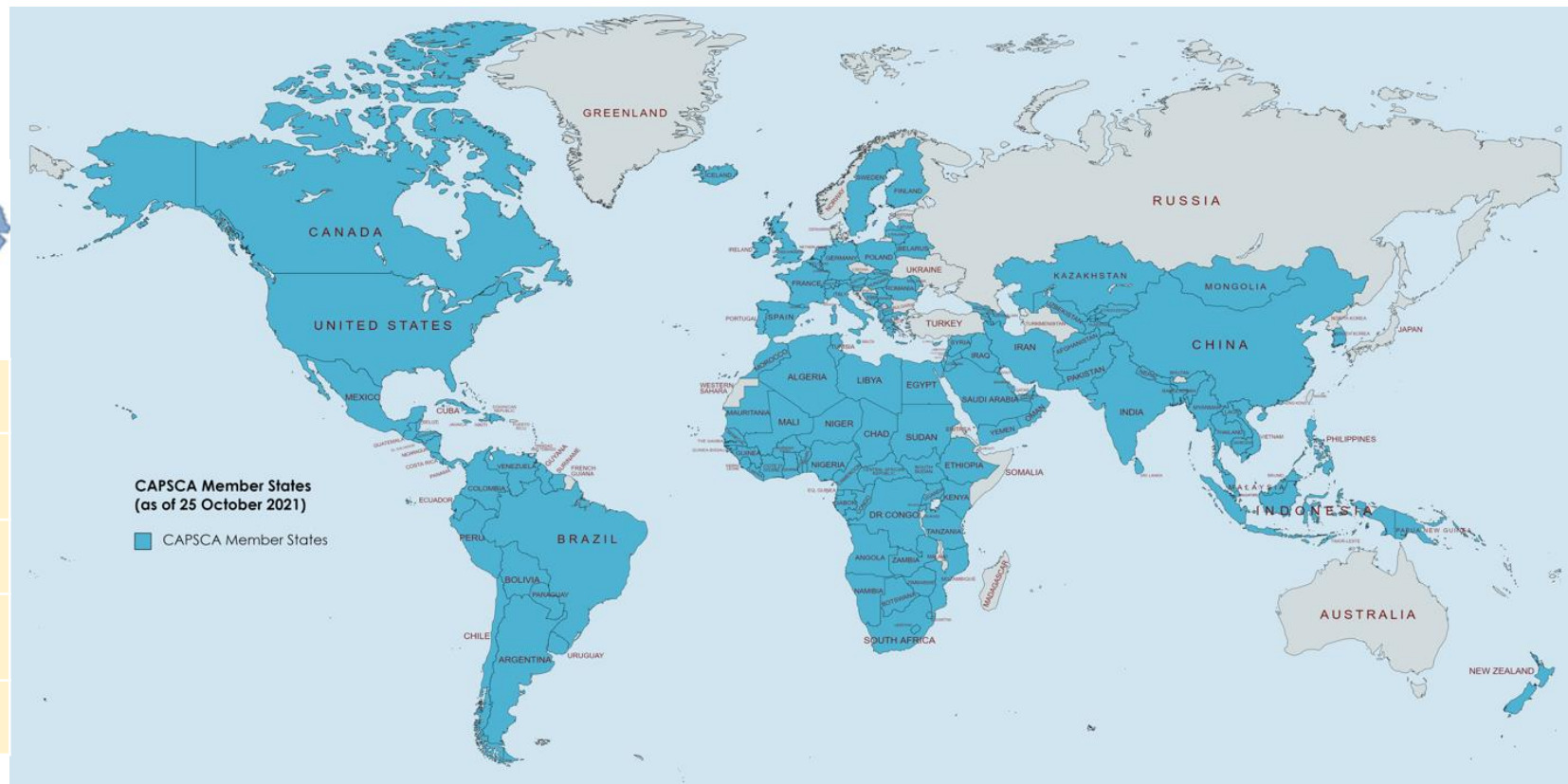


CAPSCA Member States

82% of ICAO Member States



Date	2006	2007	2009	2011	2011
WHO partner	WPRO, SEARO	AFRO	AMRO/ PAHO	EURO	EMRO
ICAO States	41	48	35	56	15
CAPSCA States	27	40	35	44	15
%	63	83	100	79	100





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



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LEFT BEHIND



CAPSCA – COVID-19 Aviation Scientific Advisory Group (CASAG)

- Formed as a sub-group of CAPSCA to methodologically review studies and advise CAPSCA
- Uses a modified version of the GRADE methodology to review and assess the quality of evidence
- Studies and reports:
 - Vaccination and its Effect on SARS-CoV2 Onward Transmission
 - Duration of immunity following SARS-CoV2 infection
 - Delta Variant Knowns, Unknowns and Recommendations
 - Omicron Variant Knowns, Unknowns and Recommendations

Note: CAPSCA Innovation Group to start soon, followed by Air Ambulance Group



Public Health Corridor Application (PHC App)

- Online tool to facilitate the conclusion of PHC between States (bilateral/multilateral)
- On the CRRIC Website
- Contains:
 - PHC Arrangement template (suggested best practices for provisions to be included)
 - Appendix A: Scope of the PHC (flights, capacity, etc.)
 - Appendix B: Disease Translocator Risk Level (traffic light categorization)
 - Appendix C: Measures of a mutually agreed Multi-layer Risk Management Strategy
- Highly-customizable; generates Arrangement for print or further editing

<https://portal.icao.int/CRRIC/Pages/Public-Health-Corridors.aspx>

Public Health Corridor

Partner List:

General Provisions

Background

In response to the criticality of the COVID-19 pandemic, the Government/Administration of participating States (hereinafter, "the Parties") have agreed to establish a Public Health Corridor (herein referred to as "PHC") outlining a framework of commonly agreed measures for safe air travel between the Parties.

[Read more/less](#)

Appendix A - Routes

In order to start your arrangement, please input the operators and airport information in order to identify the routes to be established.

This arrangement is applicable to the following operators and routes as applicable.

Operator Name and code	From Airport Name and Code	To Airport Name and Code	Weekly passenger capacity
<input type="text" value="Any"/>	<input type="text" value="Any"/>	<input type="text" value="Any"/>	<input type="text" value="Any"/>
<input type="button" value="Add"/>			

Appendix B - Disease Translocation Risk Level

The Disease Translocation Risk Level (DTRL) is based on data drawn from the State Risk Levels App (hyperlink) and guided by the information and recommendations provided in the Manual on Testing and Cross-Border Risk Management Measures (hyperlink). It is recommended to use as a baseline as indicated in Paragraph 4.2.4 of the Manual. The below cut-off values already reflect that baseline, but can be changed based on agreement between States.

Appendix C - Public Health Measures

Based on the information provided above, Appendix C highlights the level of adoption of public health measures. Using a safety risk management approach, States can then agree on the level of PHC measures to be included in the arrangement, based on the DTRL level.

The PHC partners agree to apply the following public health measures depending on their DTRL:

General applicable measures

Add more measures from that module

Public Education

Add measure

Measure	DTRL				Adoption
	Green	Orange	Red	Gray	
Public Education	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	100% (3/3)
Physical Distancing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	100% (3/3)
Face Covering and Medical Mask	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	100% (3/3)



Public Health Corridor iPack

Overview of the PHC iPack Components

COMPONENTS:

 **Expert assistance**

Dedicated CAPSCA Subject Matter Expert (15 work days).

 **Training**

- Public Health Corridor: Online Course;
- Conducting a Technical Assistance Visit to CAPSCA Member States and Airports: Online Course.

 **Workshops**

Public Health Corridor: customized workshop

Introductory/familiarization webinars;

Panel discussions and customized hands-on exercises.

 **Tools**

- Checklists;
- Framework;
- Decisions aids;
- Templates;
- Accreditation procedures;
- Forms and posters;
- Online reporting systems; and
- PHC Application.

 **Guidance Material**

- ICAO Testing and Cross-Border Risk Management Measures Manual;
- CAPSCA partner guidance material;
- Other associated guidance material; and
- Relevant ICAO Annexes.





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Public Health Corridor iPack Implementation

- Sponsored PHC iPacks: 12 in total
 - Confirmed: 11
 - Pending confirmation: 1
 - Initiated in 2021: 1 (Angola-Mozambique)
 - Planned to start in Q1 2022: 9
 - Planned to start in Q2 2022: 1
- APAC: 3
 - WACAF: 2
 - ESAF: 2
 - MID: 2
 - EURO/NAT: 1
 - NACC: 1
 - SAM: 1



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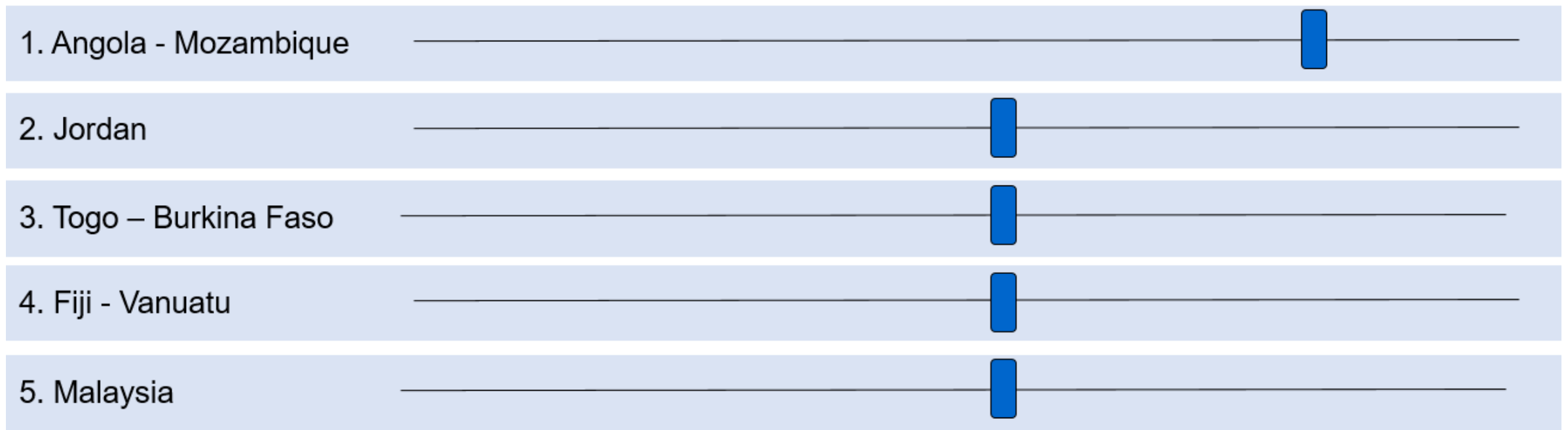
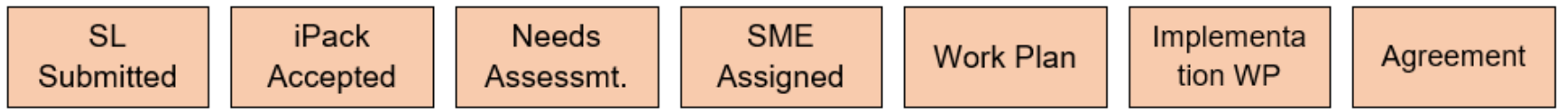


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Public Health Corridor iPack Implementation

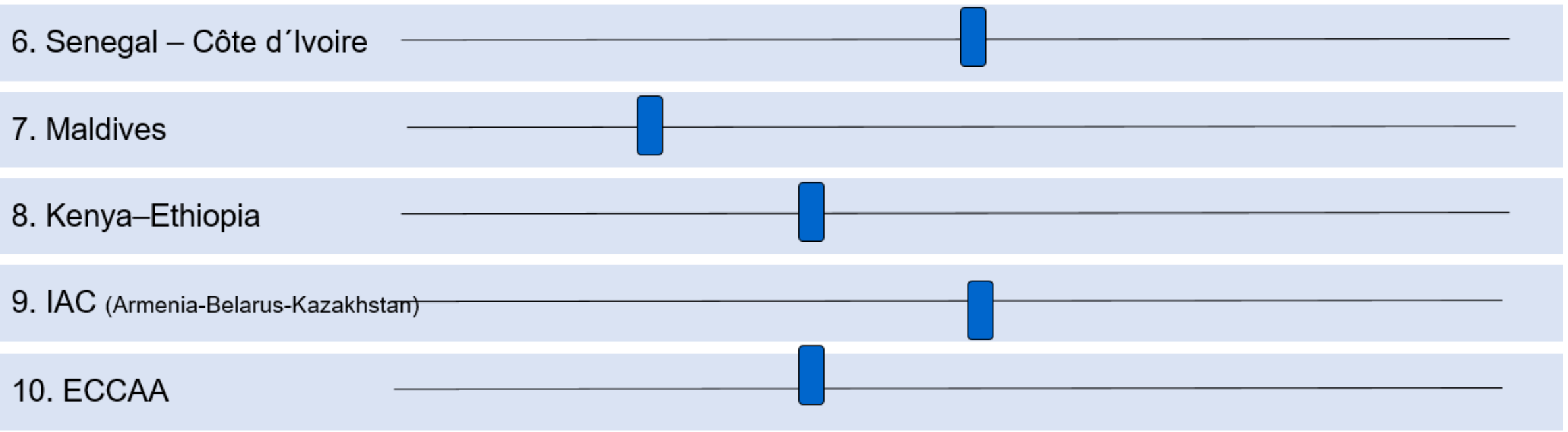
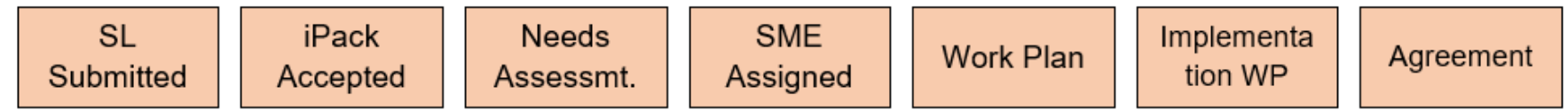
Stage





Public Health Corridor iPack Implementation

Stage





Health Certificates (Facilitation)

Health certificates that is **secure, trustworthy, verifiable, convenient to use, compliant with data protection legislation** and internationally/globally interoperable

Visible Digital Seal (VDS-NC) or other **interoperable formats** from regional or global intergovernmental bodies, or internationally recognized organizations.



Could the data have been altered after issuance? (integrity)



Can issuance by a trusted authority be confirmed? (authenticity)



Are my systems capable of verifying integrity and authenticity?



Will the certificate be efficiently read within existing processes and infrastructure?



Compliant with legislation in State of use and State of nationality of the traveller



Will cross-border verification be possible?



HLCC

- A total of 1,786 representatives in attendance from 129 Member States and 38 international organizations
- Ministerial Plenary: 56 Ministers and Deputy Ministers from 52 Member States, as well as 24 heads of international organizations
- **Safety Stream: 152 papers and 147 recommendations**
- **Facilitation Stream: 73 papers and 79 recommendations**
- 27 written statements and 21 video statements by Ministers, Deputy Ministers and/or heads of international organizations



Ministerial Plenary:

Declaration adopted that demonstrates the solidarity and determination in confronting COVID-19 challenges, and conveys a strong political “message” to international communities and world economies



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



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HLCC Recommendations to ICAO

- **Review the CAPSCA framework and governance** to optimize preparedness planning and response to public health emergencies
- Support the **strengthening** of the CAPSCA framework
- **Develop** in close cooperation with CAPSCA experts, a **comprehensive framework** to be followed **in response to significant public health emergencies**, with specific reference to multi-sector risk assessment, a rapid initial response, and ongoing monitoring during the evolution of the emergency, and enabling national and international cooperation to prevent unnecessary interference with international traffic and trade



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HLCC Recommendations to ICAO

- Continue to adapt and **provide for a quick response mechanism** in ICAO that would **issue urgent guidance** to Member States in the event of an outbreak and develop case-specific Guidance on **how to implement a Public Health Corridor for a particular outbreak**, based on the available scientific evidence;



Recommendations to States

- Recognize the importance of CAPSCA and become members of CAPSCA, and ensure that the relevant national agencies participate within their **CAPSCA membership**
- Recognize the importance of the **development of a multi-scenario framework** for implementing Public Health Corridors (PHCs) safely during public health emergencies
- Set up **national** coordination mechanisms such as the National Air Transport Facilitation Committee (NATFC) and utilize **international coordination mechanisms** such as CAPSCA, to allow a seamless implementation of relevant health-related SARPs, taking into account a multi-layered risk based approach to establish their health measures;



Strengthening CAPSCA

- Governance within ICAO
- Global Aviation Public Health Plan (GAPhP)
- Assembly Working Paper – lessons learned, resilience, future emergency management
- Agreements/ MOU – ICAO/WHO and others
- Financial sustainability
- Human Resources – stakeholder mapping and sharing of resources
- Making use of technological advancements



Strengthening CAPSCA

- Expand capacity building and training with multi-sector simulation exercises
 - High priority to low income and low resource countries (NCLB)
 - Measurable targets and benchmarks for pandemic preparedness and response capacities
 - Webinars
 - Tools, checklist, templates for various types of PHEs
 - ICAO CAPSCA Course
 - CAPSCA iPack
- Technical Assistance Activities
 - Add virtual component as part of assessment
 - Video recordings



CAPSCA Global Symposium

- 3 days virtual event (29 – 31 March 2022)
- 8 – 11 am EST (Montreal time)
- States, ICAO, WHO, UN organizations, Industry
- Discussion:
 - HLCC outcomes and regional CAPSCA reports
 - Panel discussions on lessons learned, multi-sector collaboration, challenges of CART and PHC implementation, perspectives from the industry and our CAPSCA partners and the future of CAPSCA
- Outcomes: CAPSCA Declaration and agreement for Global Aviation Public Health Plan





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and Caribbean
(NACC) Office**
Mexico City

**South American
(SAM) Office**
Lima

**ICAO
Headquarters**
Montréal

**Western and
Central African
(WACAF) Office**
Dakar

**European and
North Atlantic
(EUR/NAT) Office**
Paris

**Middle East
(MID) Office**
Cairo

**Eastern and
Southern African
(ESAF) Office**
Nairobi

**Asia and Pacific
(APAC) Sub-office**
Beijing

**Asia and Pacific
(APAC) Office**
Bangkok



THANK YOU