



ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



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

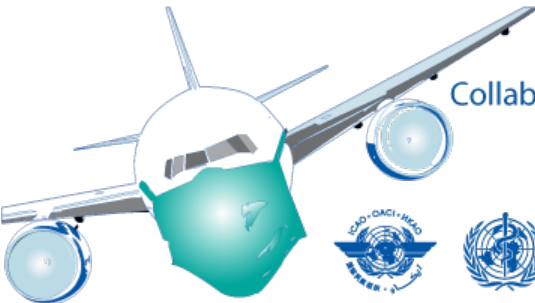
Second AFI Safety Symposium, Maputo, Mozambique, 20-21 May 2015
Safety in AFI region – Opportunities and Challenges for Enhancement

Presented by the ICAO Secretariat

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

CAPSCA

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



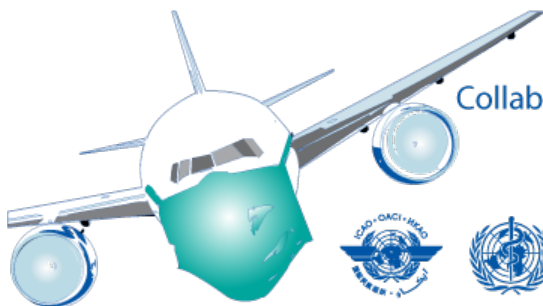
Plan

- ✈ Introduction to CAPSCA
- ✈ CAPSCA Activities
- ✈ CAPSCA Africa
- ✈ EVD
- ✈ Conclusions

CAPSCA

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

www.capsca.org





Introduction

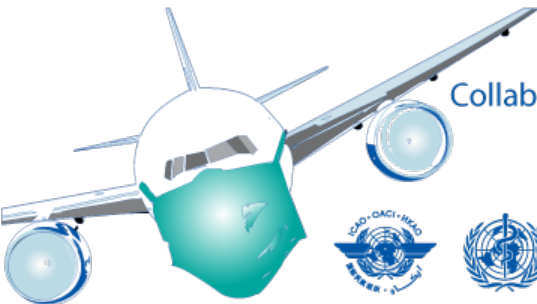
Article 14 of the Chicago Convention

✈ *“Each contracting State agrees to take effective measures to prevent the spread by means of air navigation of cholera, typhus (epidemic), smallpox, yellow fever, plague, and such other communicable diseases as the contracting States shall from time to time decide to designate, and to that end contracting States will keep in close consultation with the agencies concerned with international regulations relating to sanitary measures applicable to aircraft”.*

CAPSCA

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

www.capsca.org





Introduction

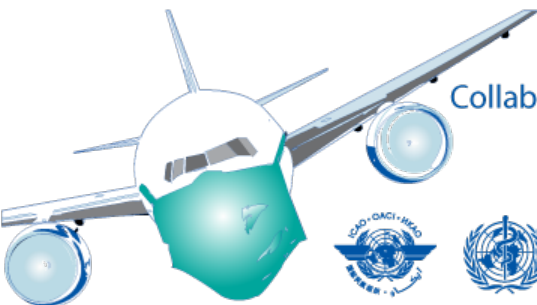
Annex 9 to the Chicago Convention

- ✈ *Establishment of a National Aviation Public Health Emergency Preparedness plan.*
- ✈ *This Plan describes the measures to be adopted during a Public Health Emergency of International Concern (PHEIC), in compliance with the relevant Articles in the International Health Regulations 2005 and ICAO Annexes 6, 9, 11 and 14.*
- ✈ *Furthermore, each Emergency Preparedness plan should be a programme that is coordinated between the aviation and Public health sectors.*

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



Introduction

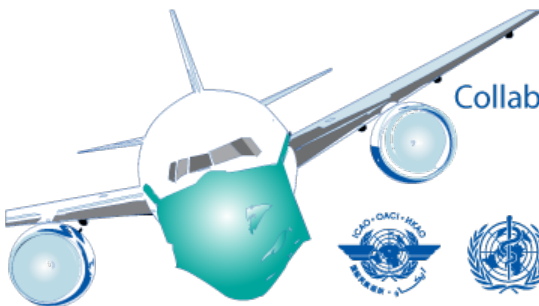
What is CAPSCA?

✈ An International Civil Aviation Organization (ICAO) global initiative to improve preparedness planning and responses to public health emergencies that affect the aviation sector

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



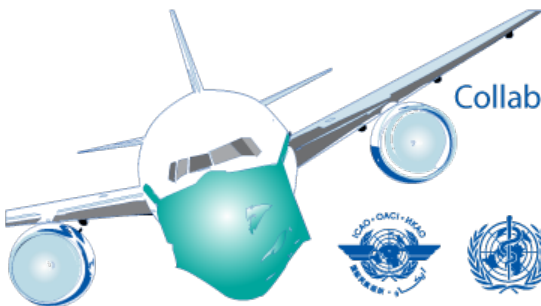
CAPSCA Programme Activities

- ✈ Meetings – global and regional
- ✈ Seminars/Workshops/Exercises/Training
- ✈ Develop and improve guidance and tools
- ✈ www.capsca.org reference information
- ✈ Assistance Visits to States and Airports
- ✈ Supporting international response to PHEs

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



CAPSCA Programme Benefits

- ✈ Unite civil aviation and public health sectors; multiple levels and agencies
- ✈ Assist States to implement, maintain, and improve the aviation sector preparedness within national public health plans
- ✈ Assist States to implement IHR core capacities in air transport and at airports
- ✈ Provide States knowledge, network contacts, advice, guidance, tools, training
- ✈ Support States to manage and reduce impact of PHE to air transport, tourism, economy, social, emergency response
- ✈ States have pronounced that CAPSCA should continue in ICAO Assembly (2013), High-level Safety Conference (2015) and regional DGCA meetings

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



Common lessons learned from Assistance Visits

- ✈ All - Communication, coordination, cooperation and collaboration between civil aviation and public health (MoU); consider local outbreak; Plans and Procedures Documentation, Dissemination, Awareness, Training, Exercises; Resources
- ✈ PHA – engagement with civil aviation
- ✈ CAA – updated regulations
- ✈ Airport – aerodrome emergency plan; core capacities; designated aircraft parking position
- ✈ Port health/medical services – PHE Contingency Plan, facilities; ambulances ; screening procedures
- ✈ ANSP – ATS Contingency Plan and PHE Communication Procedures
- ✈ Airline – Procedures for cabin crew handling cases on-board and pilot communication to ATC

CAPSCA

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

www.capsca.org





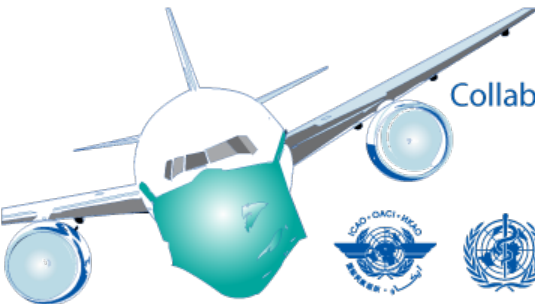
WHO – ICAO Collaboration Principles

- Collaborative Arrangement for the Prevention and Management Public Health Events in Civil Aviation (CAPSCA): establish common agenda in different regions for joint activities to provide both public health and aviation related expertise for CAPSCA activities.
- Aerodrome/Airport certification: compose a multisectoral pool of experts and facilitate the harmonization of aviation related public health requirements at international aerodromes with procedures required by WHO for airport certification under the IHR.
- Coordinated information sharing during public health emergencies of international concern: establish and maintain an inter-agency information sharing mechanism for implementation during PHEICs and provide joint authoritative, coordinated messages to international air travelers concerning health risks.
- Guidance and training tools in association with air travel: provide specialized expertise for the development and dissemination of WHO and ICAO public health requirements, guidelines and tools.






CAPSCA

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

www.capsca.org



CAPSCA Regional Projects

	Asia-Pacific	Africa	Americas	Europe	Middle East
					
Year of Establishment	2006	2007	2009	2011	2011
112 (191) Member States	21 (38)	30 (48)	34 (34)	16 (56)	11 (15)
30 State Technical Advisors Trained by ICAO (OJT completed)	4	10	14	0	2
63 State & Airport Assistance Visits Completed	11	16 (incl. 2 States repeated)	32 (incl. 2 follow-up visits)	0	4



CAPSCA Africa

Member States

- Since 2009
- 30 States





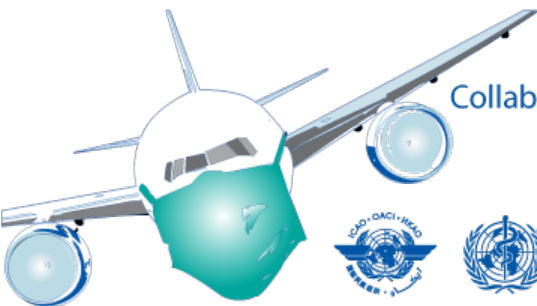
CAPSCA Africa

- ✈ CAPSCA provides multi-sector seminars and workshops on preparedness planning, and arranges assistance visits to international airports.
- ✈ During the visits, some training is provided and preparedness plans that have been developed locally and/or nationally are reviewed, and improvements suggested

CAPSCA

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

www.capsca.org





Goals and achievements

- ✈ CAPSCA – Africa Fifth Regional Meeting, held from 14 to 17 July 2014, Nouakchott, Mauritania
- ✈ Six States/Airports Assistance visits implemented in 2014 and 2015
 - Uganda, Guinea Bissau, Côte d'Ivoire, Mali, Burkina Faso, Sierra Leone
- ✈ 14 Assistance Visits planned in 2015 :
 - Senegal, Guinea, Nigeria, Liberia, Ghana, Benin, Togo, Mauritania, Gambia, Cameroon, Ethiopia, Niger, Central African Republic, South Sudan
- ✈ OJT for new technical advisers during the above visits

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

CAPSCA

www.capsca.org

Visits on cost recovery basis





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



ICAO-WHO CAPSCA Training *(Nairobi, 13 – 17 April 2015)*

- ✈ *Organized within the scope of the United Nations Ebola Response Multi-Partner Trust Fund and the ICAO/WHO Aviation Ebola Action Plan implementation project activities relating to the prevention and management of public health events*
- ✈ *In collaboration with the World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC) of the United States of America.*
- ✈ *Focus on the implementation of requirements for the aviation sector contained in the relevant ICAO Annexes and the WHO International Health Regulations (IHR 2005) as well as best practices developed by different organizations (Centers for Disease Control and Prevention (CDC), Airports Council International (ACI), International Air Transport Association (IATA), etc. ...).*

CAPSCA

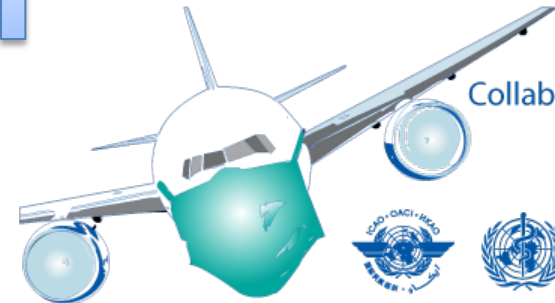
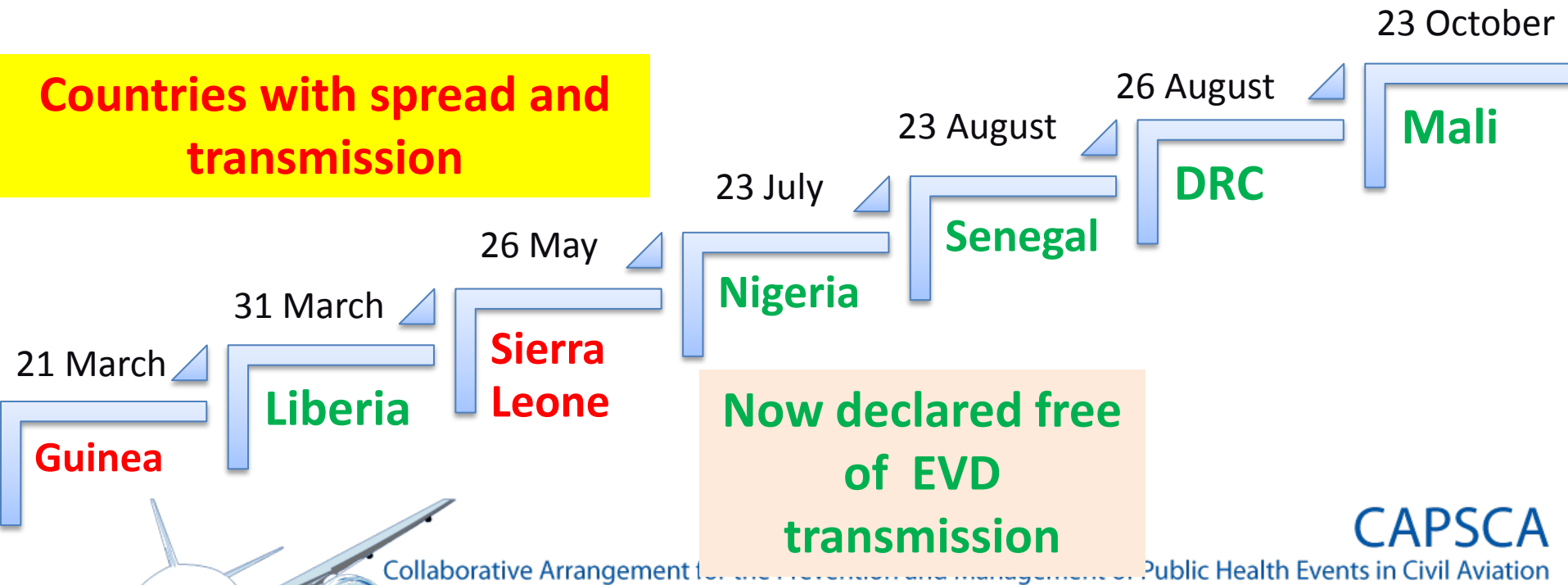
Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation

www.capsca.org





EVD: Origin and evolution of the Outbreak in the region





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



Situation Report as on 6 May 2015



World Health Organization

EBOLA SITUATION REPORT

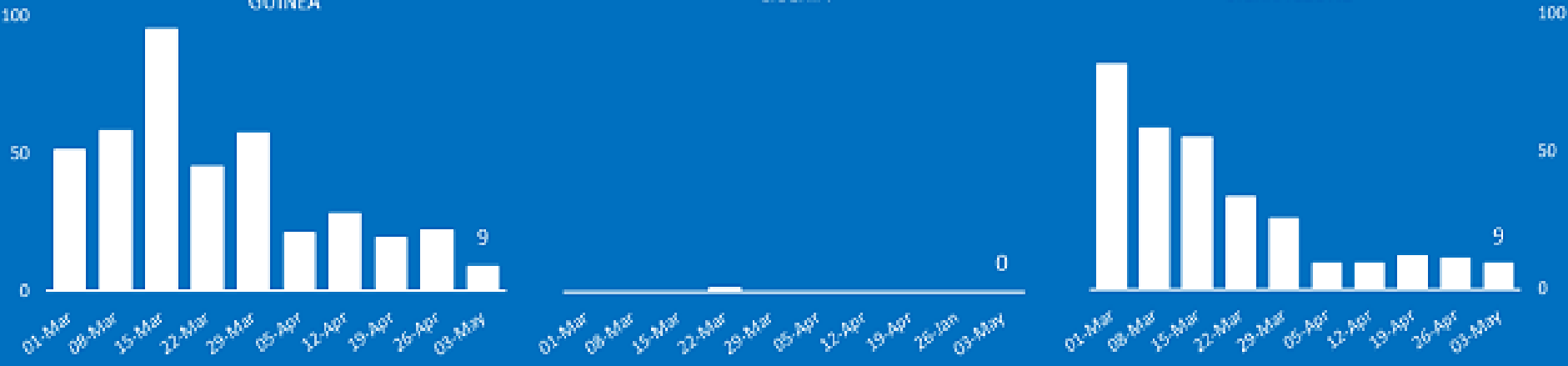
6 MAY 2015

Total confirmed cases (by week, 2015)

GUINEA

LIBERIA

SIERRA LEONE



www.who.int/emergencies/ebola/situation-reports/





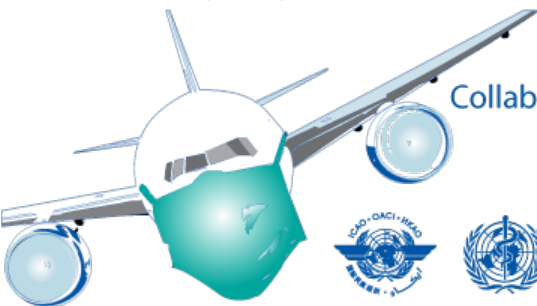
Impact – travel restrictions

- ✈ Some States impose restrictions on air travels and some airlines suspended their operations to and from the affected countries
- ✈ The consequence is that lives are being unnecessarily lost because health care workers cannot travel to the affected countries, and delivery of life saving equipment and supplies is being delayed.

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



Coordination efforts of the ICAO Regional Offices

- ✈ Daily monitoring and information exchange with ICAO HQ and WHO
- ✈ Providing Information, guidelines and advises to States
- ✈ Information and collaboration on restriction measures with States and International Organizations (AU, AFCAC, ECOWAS, EAC, ASECNA, ...)
- ✈ Flight information, coordination for UN staff security, ...
- ✈ Information, collaboration, facilitation of flights, ... with States and International Organizations (WHO, CDC, Eurocontrol, ASECNA, ...)
- ✈ High level Ministerial Meetings (organized by RECs)

CAPSCA

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

www.capsca.org





Conclusions

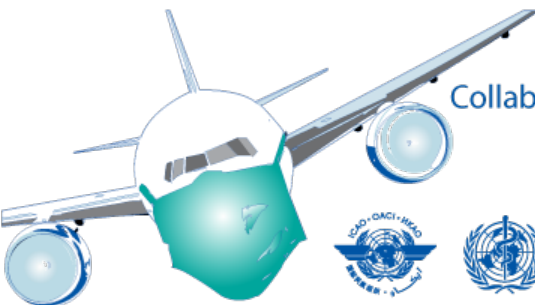
States are encouraged to:

- ✈ Join CAPSCA by sending a letter to ICAO or WHO regional office (no cost)
- ✈ Request an Assistance Visit by sending a letter to ICAO or WHO Regional Office (cost recovery)
- ✈ Volunteer technical advisor(s) from CAAs and PHAs to be trained by ICAO and possibly participate in assistance visits

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



ICAO

North American
Central American
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





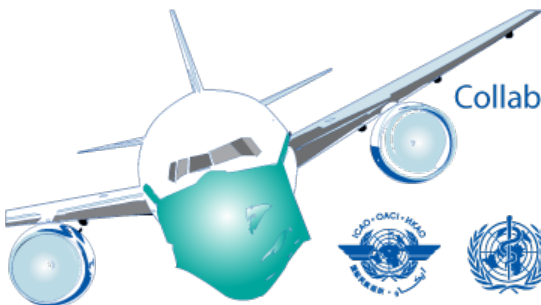
CAPSCA Programme Future Plan (1)

- ✈ NCLB – CAPSCA continue as a State implementation assistance programme - at least until IHR extension deadline in 2016
- ✈ CCCCs – Civil aviation and public health
 - ✈ ICAO – WHO Memorandum of Cooperation at global level
 - ✈ ICAO – WHO CAPSCA implementation at regional level (sometimes also sub-regional)
 - ✈ MoT/CAA – MoH/PHA at national level (sometimes involving WHO country office)
 - ✈ Airport/ANSP/Airline – Port Health/Medical Services at local level
- ✈ Increase CAPSCA membership e.g. Congo, Equatorial Guinea, Italy, Norway, St. Vincent & the Grenadines, Turkey, etc.

CAPSCA

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

www.capsca.org





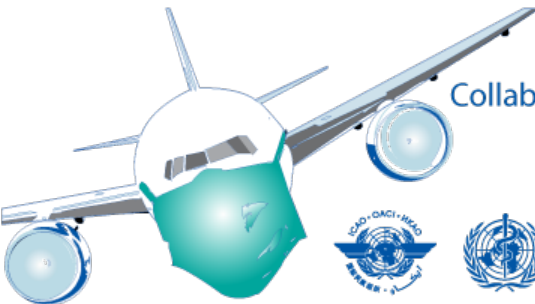
CAPSCA Programme Future Plan (2)

- ✈ Assistance Visits to all CAPSCA participating States
- ✈ Establish State Action Plans for implementation and follow-up
- ✈ Prioritised implementation of Ebola Aviation Action Plan in Africa
- ✈ Regional and implementation focus for CAPSCA activities - more training
- ✈ National implementation of CAPSCA concept and methodology in aviation system
- ✈ National implementation surveillance systems in collaboration

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



CAPSCA Programme Future Plan (3)

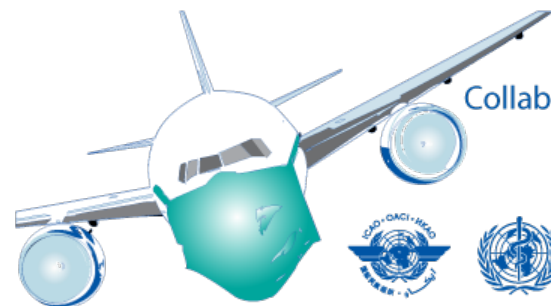
New areas to work on:

- ✈ Information management – standard forms, sharing protocols
- ✈ Monitoring systems interfaces for information sharing – sharing reports and results of certification and audits
- ✈ Jointly consulted State reporting to WHO and ICAO on implementation
- ✈ Risk assessments and evidence-based decision making on public health measures related to international travel and trade
- ✈ Consistent, reliable and convincing communications during a PHE
- ✈ Timely and orderly notification by States of emergency measures implemented

CAPSCA

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

www.capsca.org





CAPSCA Programme Future Plan (4)

- ✈ Develop detailed work programme
- ✈ Develop indicators, using those in existing monitoring systems, to measure CAPSCA results/benefits
- ✈ Sharing lessons learned on solutions for challenges
- ✈ Longer term - CAPSCA assistance to States on-request as required
- ✈ Advocacy for CAPSCA by States in the WHO and ICAO Assemblies and regional high-level meetings (Ministerial, sector DG, etc.)
- ✈ Fund raising for CAPSCA continuity and sustainability – voluntary contributions to ICAO SAFE Fund
- ✈ Support ICAO to include CAPSCA in regular programme budget to be approved at the next ICAO Assembly in September 2016
- ✈ Support WHO to implement CAPSCA programme at WHA

CAPSCA

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

www.capsca.org





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND





ICAO

UNITING AVIATION

NO COUNTRY LEFT BEHIND



Thank you

www.capsca.org



**Donors: Angola, Singapore, Switzerland,
Thailand, United Kingdom, UN**

CAPSCA

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

www.capsca.org

