



# CAPSCA Global Feedback

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

CAPSCA

[www.capsca.org](http://www.capsca.org)





# Understanding CAPSCA

- Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation
- Initial focus communicable diseases
- Expanded to radiation, chemical events, environmental disasters etc.
- Assist States with implementation of ICAO SARPs and WHO IHR
- Assist States to be prepared to manage public health events in civil aviation



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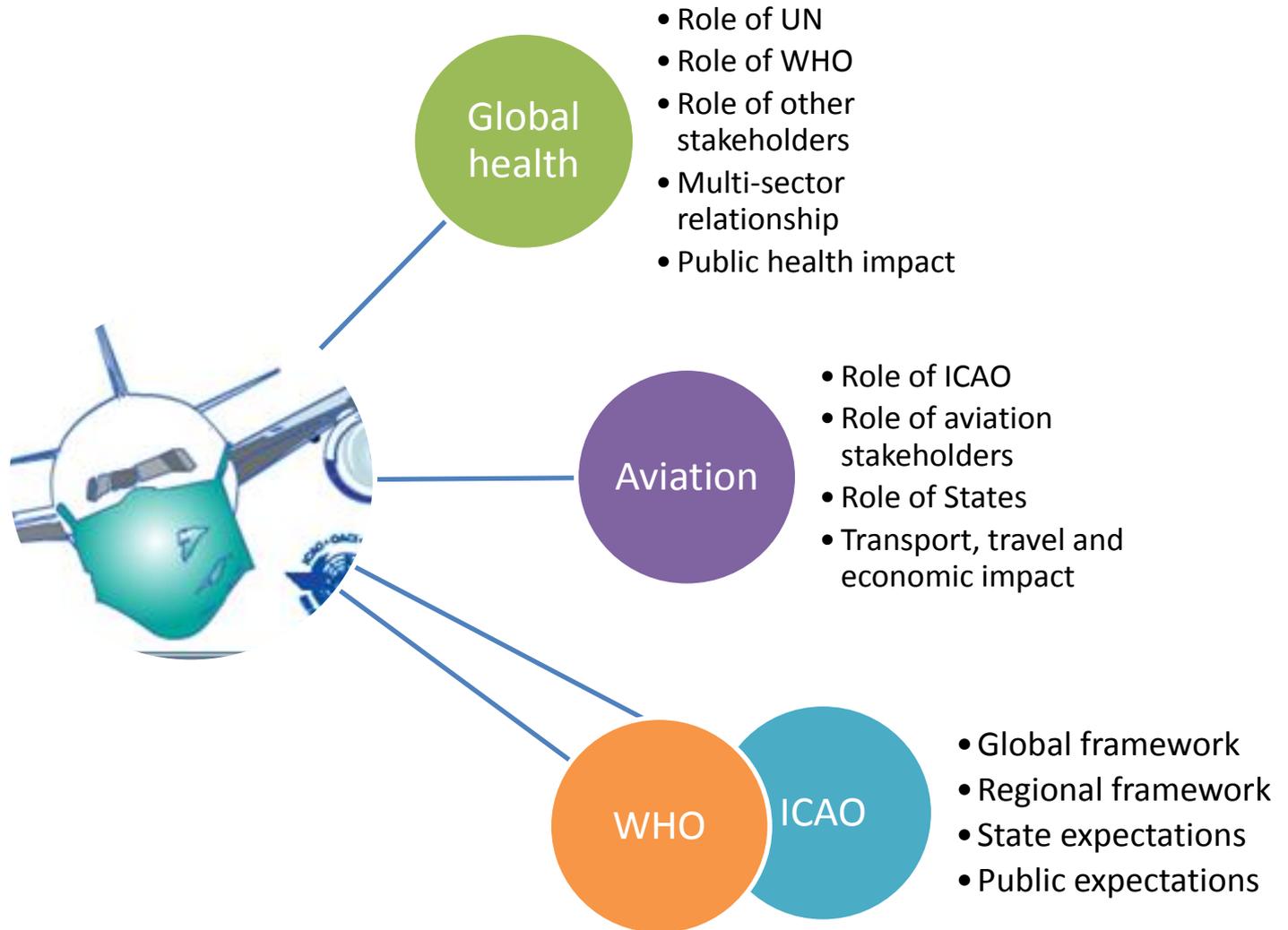
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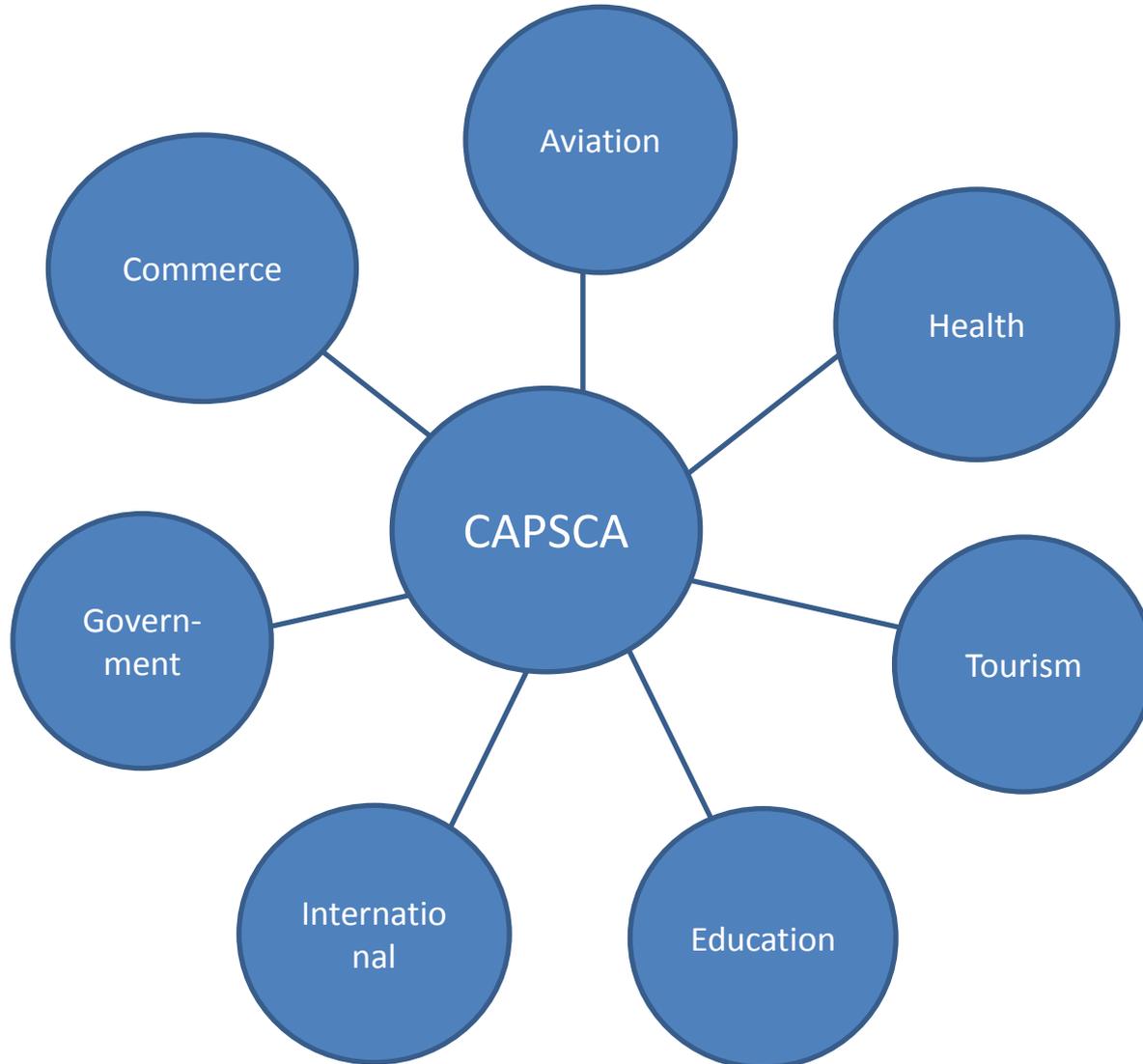


# CAPSCA in context





# Key sectors





# Effects of Public Health on Aviation

- Passengers and crew
  - Illness
  - transmission of disease
  - entry and exit screening/ quarantine
- Ground crew and flight crew
  - absence of safety critical personnel = flight safety risk



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# Effects of Public Health on Aviation

- Aviation operations and efficiency
  - flight restrictions, cancellations, delays, re-scheduling
  - reduced/ absent transport to areas needing assistance
  - additional administrative burdens
  - additional technical requirements e.g. disinfection and disinsection



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# Effects of Public Health on Aviation

- Global economy
  - Travel
  - Trade
  - Tourism
  - Business continuity



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# Regional



**ASIA-PAC**



**AFI**



**Americas**



**EUR**



**MID**

<b>Established</b>	<b>2006</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2011</b>
<b>WHO partner</b>	<b>WPRO, SEARO</b>	<b>AFRO</b>	<b>AMRO/ PAHO</b>	<b>EURO</b>	<b>EMRO</b>
<b>ICAO states</b>	<b>38</b>	<b>48</b>	<b>34</b>	<b>56</b>	<b>15</b>
<b>CAPSCA</b>	<b>23</b>	<b>34</b>	<b>34</b>	<b>23</b>	<b>12</b>
<b>Regional meeting</b>	<b>Nov 2017</b>	<b>July 2017</b>	<b>To be determined</b>	<b>July 2017</b>	<b>Feb 2017</b>



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# Feedback 2016 Global Meeting

- States to measure implementation of IHR and public health SARPs
  - ICAO USOAP PQ self-assessments
  - WHO IHR Monitoring and Evaluation Framework
- Multi-sector collaboration
- Request a Joint External Evaluation (JEE),
- Nominate a CAPSCA focal point to coordinate with ICAO



# Feedback 2016 Global Meeting

- Share national experiences, best practices and PHE plans
- Conduct PHE exercises & invite observers
  - Table-top
  - Partial simulations
  - Full-scale simulations
- Train CAPSCA Technical Advisors



# Feedback 2016 Global Meeting

In relation to Food Safety in Aviation:

- Coordinated service between aircraft and airport operators
- Ensure potable water of acceptable quality
- Liquid and solid waste disposal is shared responsibility
- Preventive measures against insects and rodents
- Authorities supervise health measures at Point of Entry (PoE)



# Future CAPSCA Global Activities

- Implementation of Assembly Resolution Actions (ICAO CAPSCA Workgroup)
  - Performance standards - disinsection, disinfection
  - Aviation Risk Assessment Tool
  - Air ambulance regulations
- On-line training programme for Technical Advisors



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# Future CAPSCA Global Activities

- Strengthening CAPSCA capacities at regional and national level
- Development of CAPSCA Manual, Guidance Material & CAPSCA Smartphone App



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# Future CAPSCA Global Activities

- Closer working relationship between ICAO and WHO - MOU & meetings 2017
- Continued collaboration and cooperation with all stakeholders
- Aligning WHO IHR and ICAO SARPs
- Joint activities – ICAO, WHO and JEE



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# Air ambulance operations considerations

- Aviation safety – human factors
  - decision making
  - crew qualifications and experience
- Aviation safety – aircraft factors
  - Aircraft structure
  - Avionics
  - equipment



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# Air ambulance operations considerations

- Patient condition
  - ‘fit to fly’
  - aviation physiology
- Preventing transmission of infectious disease
- Transport of dangerous goods



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# 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**