



| ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY



“Humanitarian Assistance and Disaster Risk Reduction in Aviation (HADRA)”

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01 Background

02 What is ICAO doing?

03 Updates

01 Background





ICAO's 41st Assembly adopted resolution A41-13: ***Strategy on Disaster Risk Reduction and Response Mechanisms in Aviation***

- Article 44 of the Convention
- Sendai Declaration and the Sendai Framework for Disaster Risk Reduction 2015–2030

02

What is ICAO doing?

HADRA

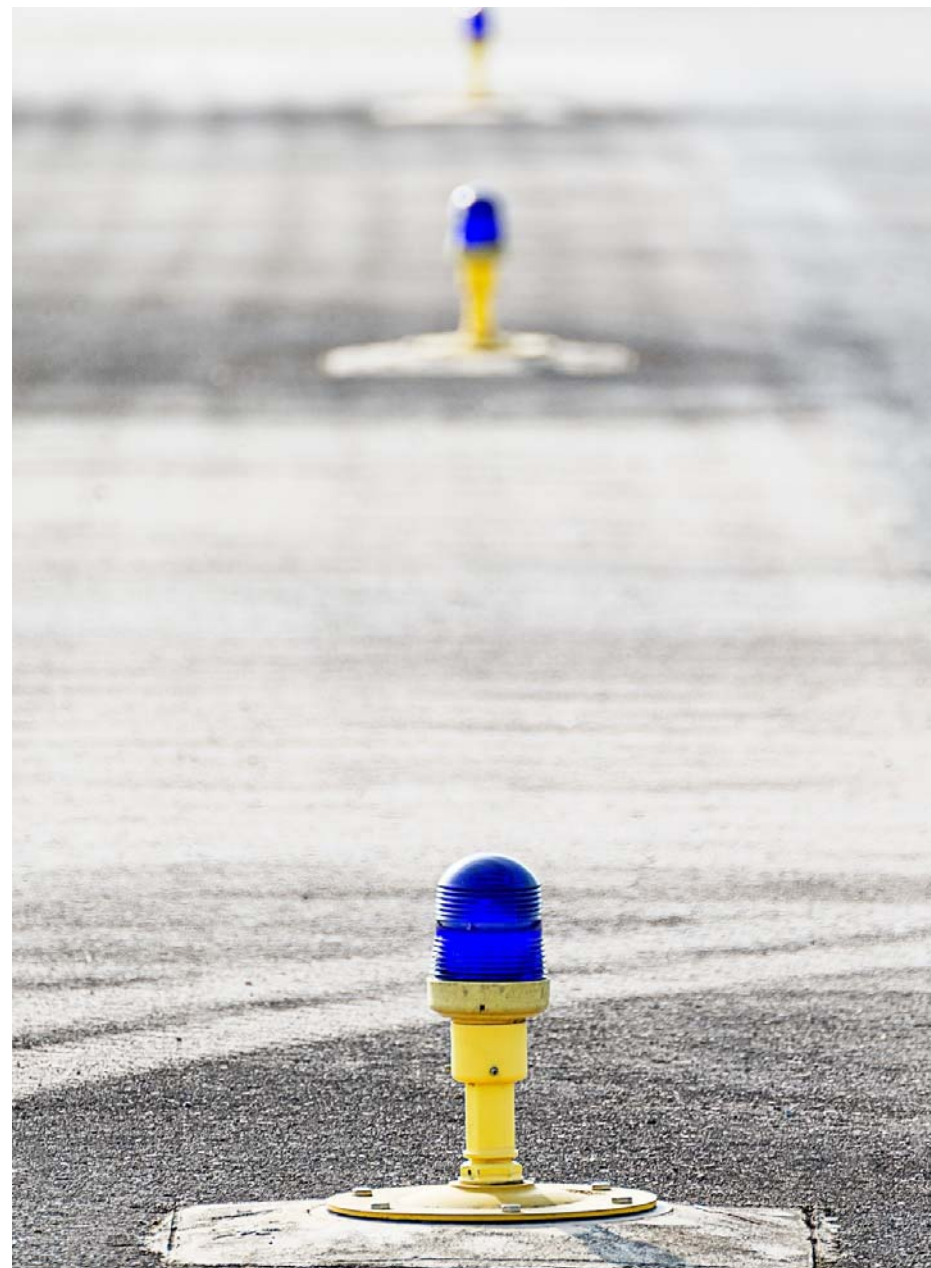


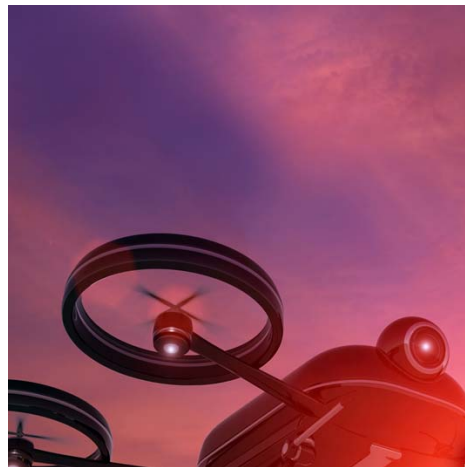
ICAO Guidance Material on Emergency Response and Contingency Planning

Several ICAO Annexes address the necessity and importance of emergency response planning and coordination for various stakeholders of the aviation system

<https://www.icao.int/sustainability/ERP/Pages/ICAO-ERPGuidance.aspx>

ICAO ANNEX	SECTION/CHAPTER
Annex 1 Personnel Licensing	Different parts of the Annex
Annex 9 Facilitation	Chapter 8 Facilitation provisions covering specific subjects
Annex 11 Air Traffic Services	Attachment C Material relating to contingency planning
Annex 14 Volume I - Aerodromes	Chapter 9 Aerodrome operational services, equipment and installations
Annex 14 Volume II - Heliports	Chapter 6 Heliport emergency response
Annex 17 Security	Chapter 5 Management of response to acts of unlawful interference
Annex 19 Safety Management	Appendix 2 Framework for a safety management system (SMS)





Amendments in ICAO Airport Service Manual Doc. 9137 Part 7

The complete rewrite of this manual will include additional topics such as:

- preparedness and response to public health emergencies;
- Disaster and Business continuity management
- assistance to air crash victims and their families; and
- unauthorised UAS disruption to aerodromes

Other amendments and work by ADOP and other Panels

ADOP = Aerodrome Design and Operations Panel



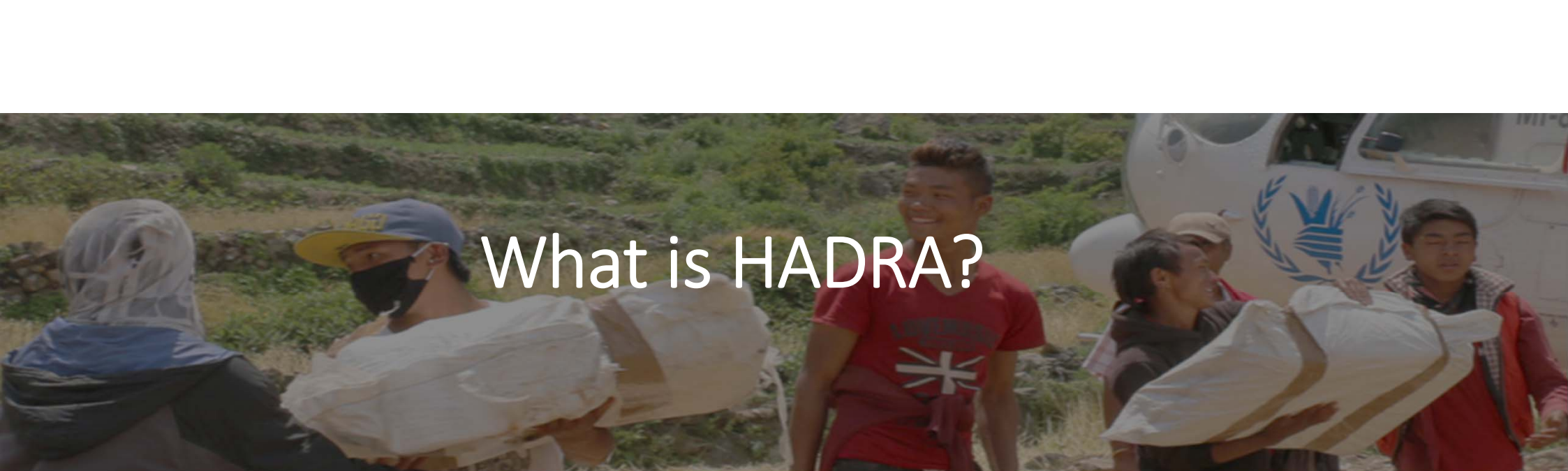
Amendments to ICAO AN 14 Vol I



New Chapter in PANS Aerodromes related to Aerodrome Emergency Planning



Amendments to ICAO Annex 9 and other documents



What is HADRA?

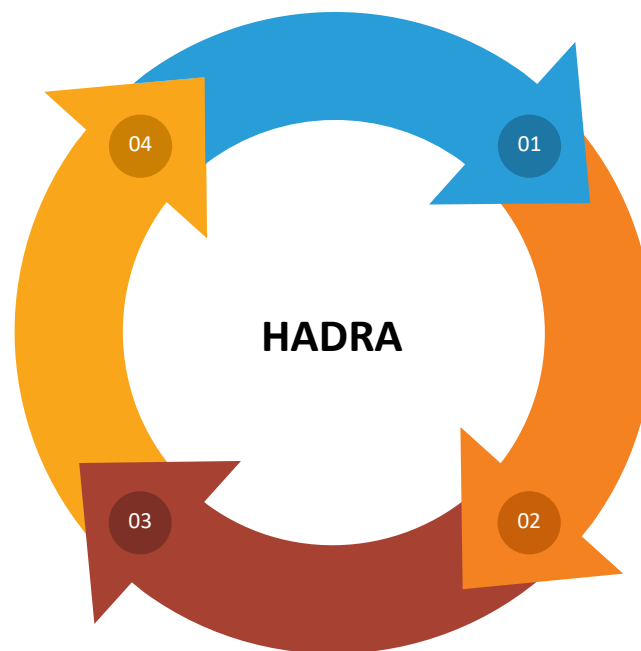
Humanitarian Assistance and Disaster Response in Aviation:

- Chaired by ICAO
- International aviation and humanitarian community (ACI, CANSO, IATA, WFP/GLC, UN OCHA, UNDP, DP-DHL)

Common agenda

Our Common Agenda
It represents the UN Secretary-General's vision on the future of global cooperation and multilateralism..

Sendai Framework for Disaster Risk Reduction

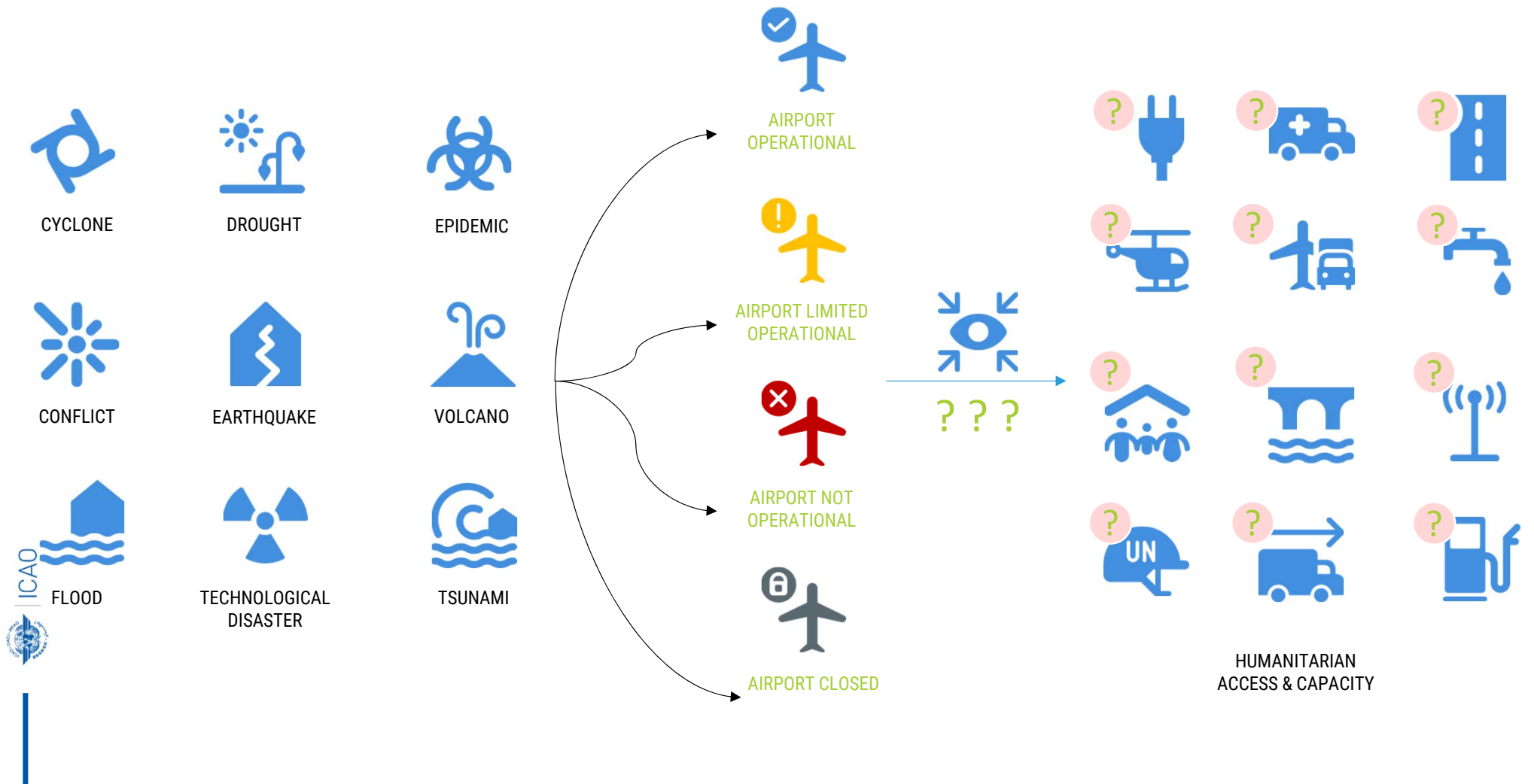


SAMOA Pathway

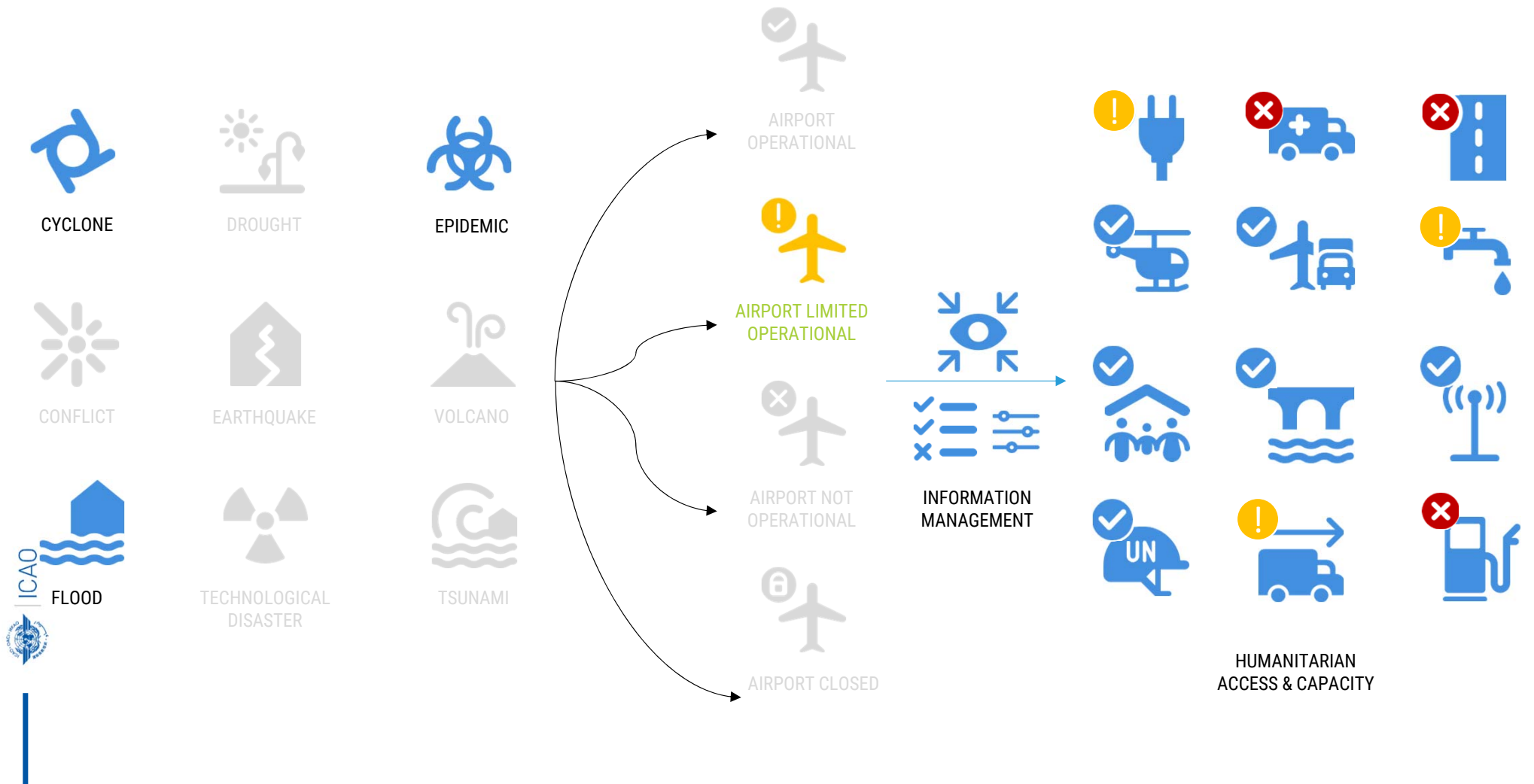
SIDS Accelerated Modalities of Action

UN Sustainable Development Goals (SDGs)

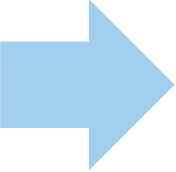
Problem statement



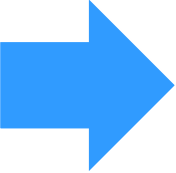
Desired outcome



OBJECTIVES

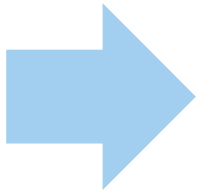


Design and implement in disaster-prone countries, preparedness or anticipatory activities as well as tools and guidance to the stakeholders involved in aviation and humanitarian response

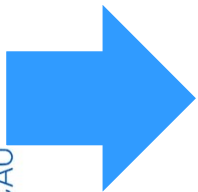


Enhance disaster-response mechanisms globally

DELIVERABLES

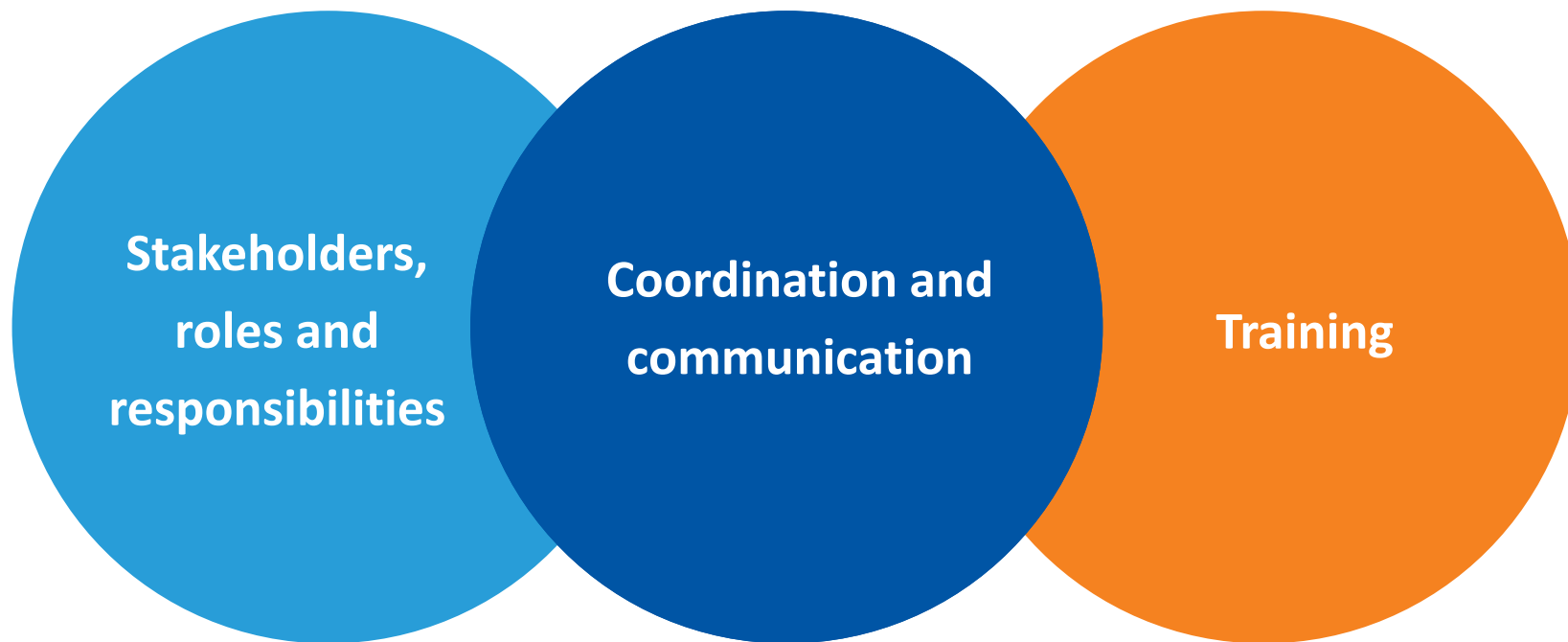


Guidance document launched on 12 May 2022

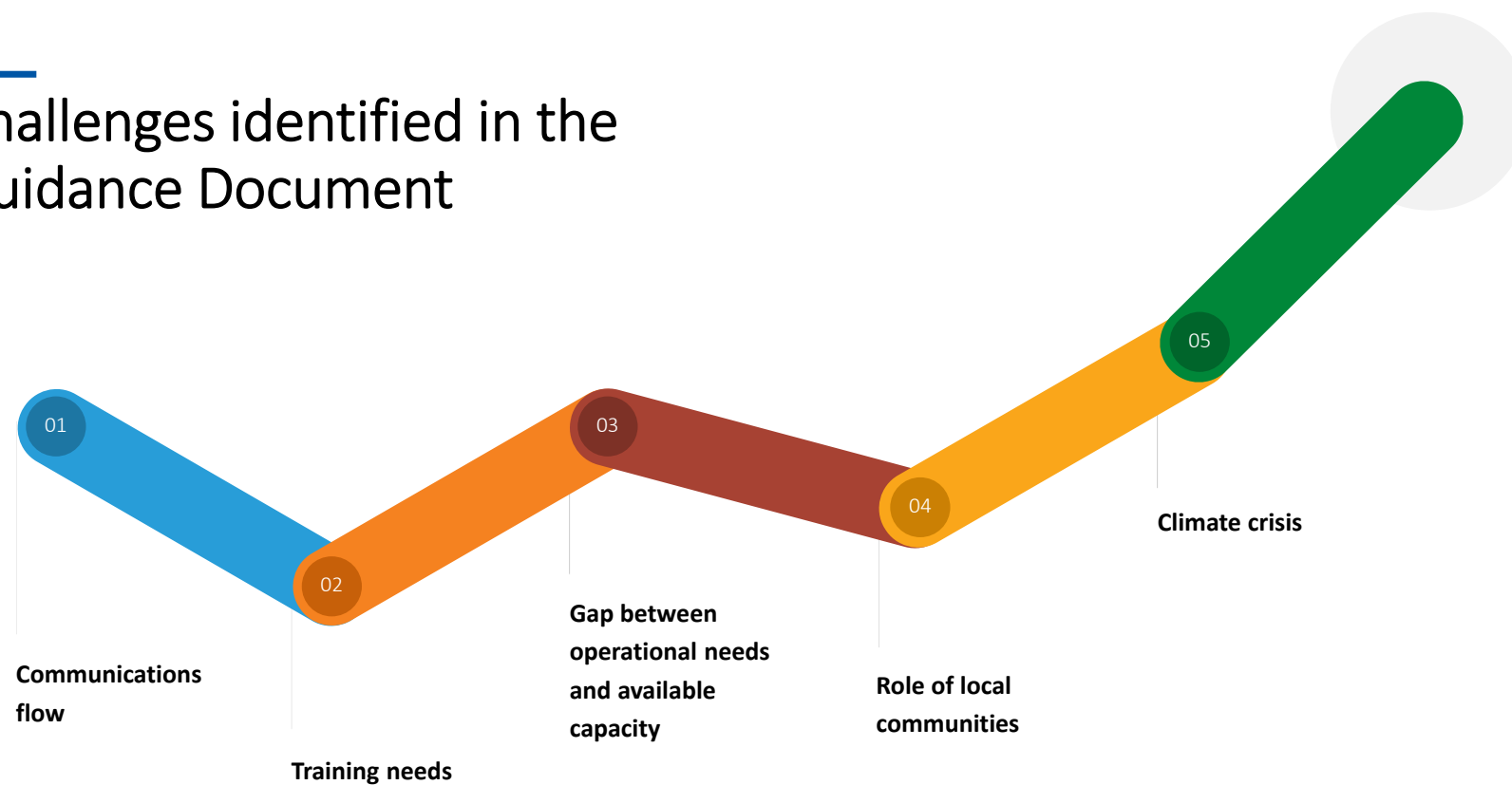


Communications tool based on block chain technology launched in Trinidad & Tobago in July 2022

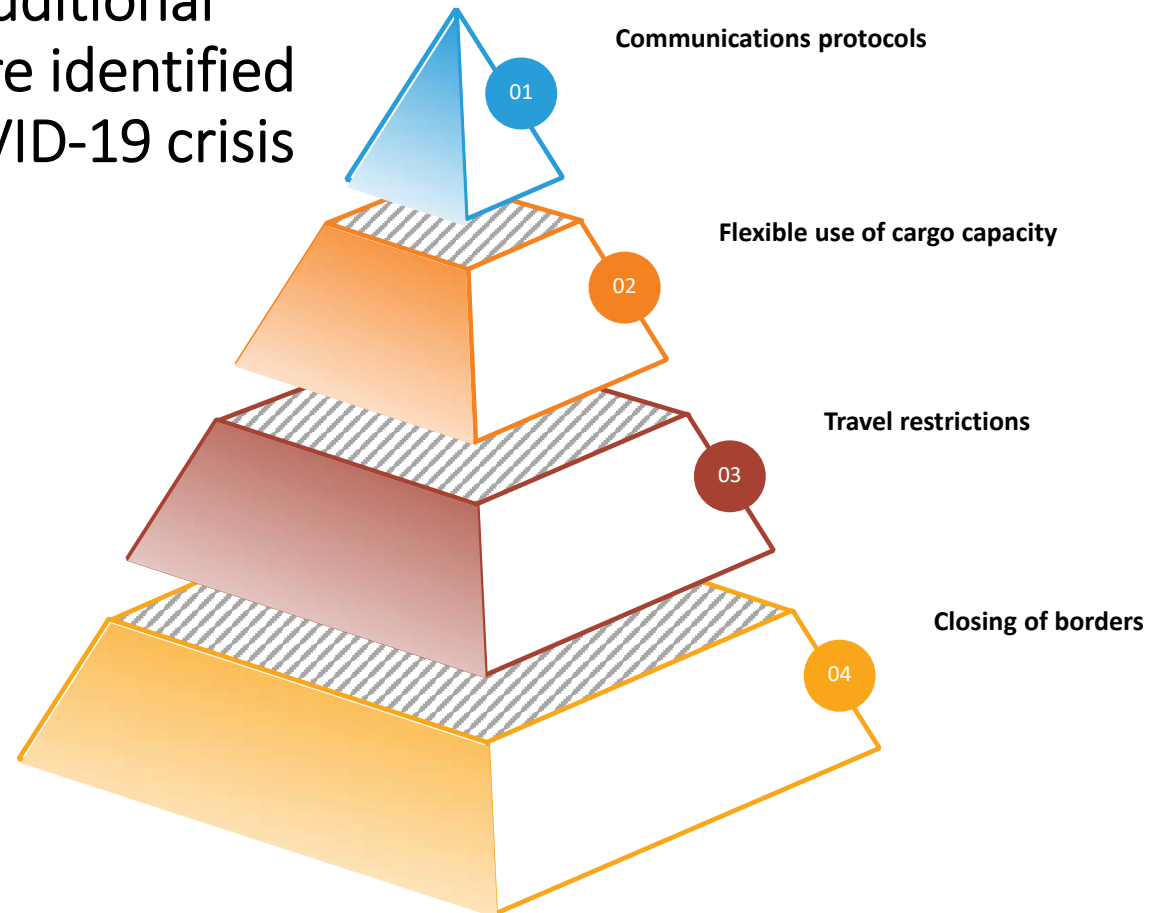
Guidance Document: a resource
for awareness-raising



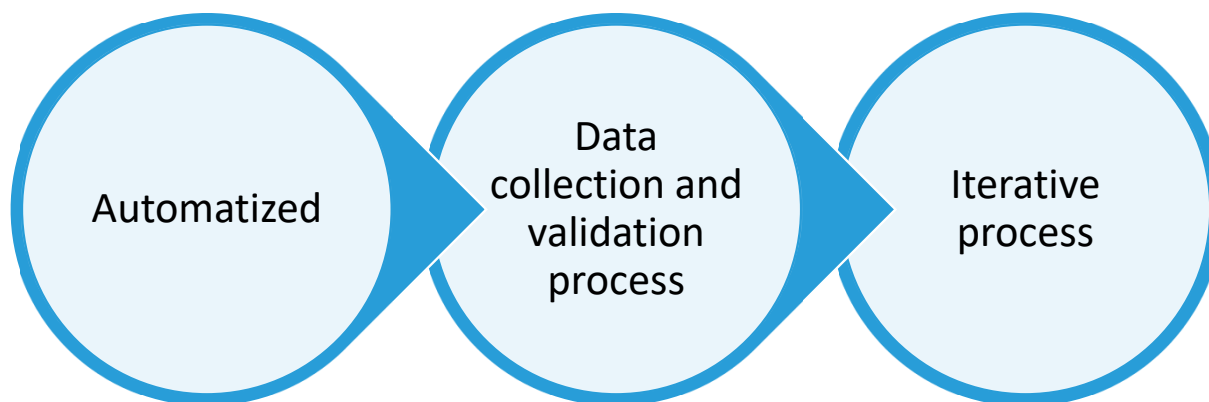
Challenges identified in the Guidance Document



Areas where additional challenges were identified during the COVID-19 crisis



Airport Status Information Tool (ASIT)



Search

Asset List > Suvarnabhumi International Airport, Thailand

Civil Airport VSTB | BKK

Blockchain ID: APT-2308162-88

CAA: Civil Aviation Authority of Thailand

Operator: Airports of Thailand Co. Ltd.

AVOP: AeroTHAI Co. Ltd.

Location: N 13° 41' 9" E 100° 44' 56"

Disaster Threat Status: Active

History [View Historical Log](#)

- Runway Status**
Operational Status: Operational
Sourced from ICAO AI
Fri Nov 22, 2023 08:00:00 GMT
Confirmed By Civil Aviation Authority of Thailand
Fri Nov 22, 2023 09:00:00 GMT
- Electricity Status**
Operational Status: Limited
Sourced from ICAO AI
Fri Nov 22, 2023 08:00:00 GMT

Status [Documents](#)

- Operational Status
- Electricity Status
- Aircraft Fuel Status
- Generator Fuel Status
- Motor Vehicle Status
- ATC Status
- Security Status
- Special Procedure Status
- Runway Status
- Ground Handling Status

ATC Status [Join now by Sutthachai Thanachornorn \(CAAT\)](#) [Add New Status Block](#)

Operational Status: Operational

Status Remarks: Mobile Tower has been installed and restored services to allow normal flight operations.

Live Data Block Chain

Source	Date and Time	Operational Status	Confirmed By
CAAT	just now	Operational	Sutthachai Thanachornorn
CAAT	3 hours ago	Limited	Sutthachai Thanachornorn
APAC RO	3 hours ago	Limited	Demon Yassachov
ICAO AI	30 minutes ago	Limited	-
ICAO AI	45 minutes ago	Limited	-
ICAO AI	1 hour ago	Non-Operational	-
ICAO AI	1 hour 15 minute ago	Non-Operational	-
ICAO AI	1 hour 30 minute ago	Non-Operational	-
ICAO AI	1 hour 45 minute ago	Non-Operational	-
ICAO AI	2 hours ago	Non-Operational	-

Last updated on 28/12/2023 3:00pm

GUIDANCE MATERIAL ON AIRPORT PREPAREDNESS FOR EFFECTIVE HUMANITARIAN ASSISTANCE AND DISASTER RESPONSE



More information

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cdamar@icao.int

Website:

<https://www.icao.int/HADRA/Pages/default.aspx>

Guidance:

<https://www.icao.int/HADRA/Documents/HADRA-Guidance-FINAL-May2022.pdf>

Article on HADRA:

<https://unitingaviation.com/news/capacity-efficiency/a-more-coordinated-use-of-aviation-in-disaster-response/>



Thank You!