



| ICAO

UNITING AVIATION

Aviation Infrastructure for Africa Gap Analysis Workshop – 2019

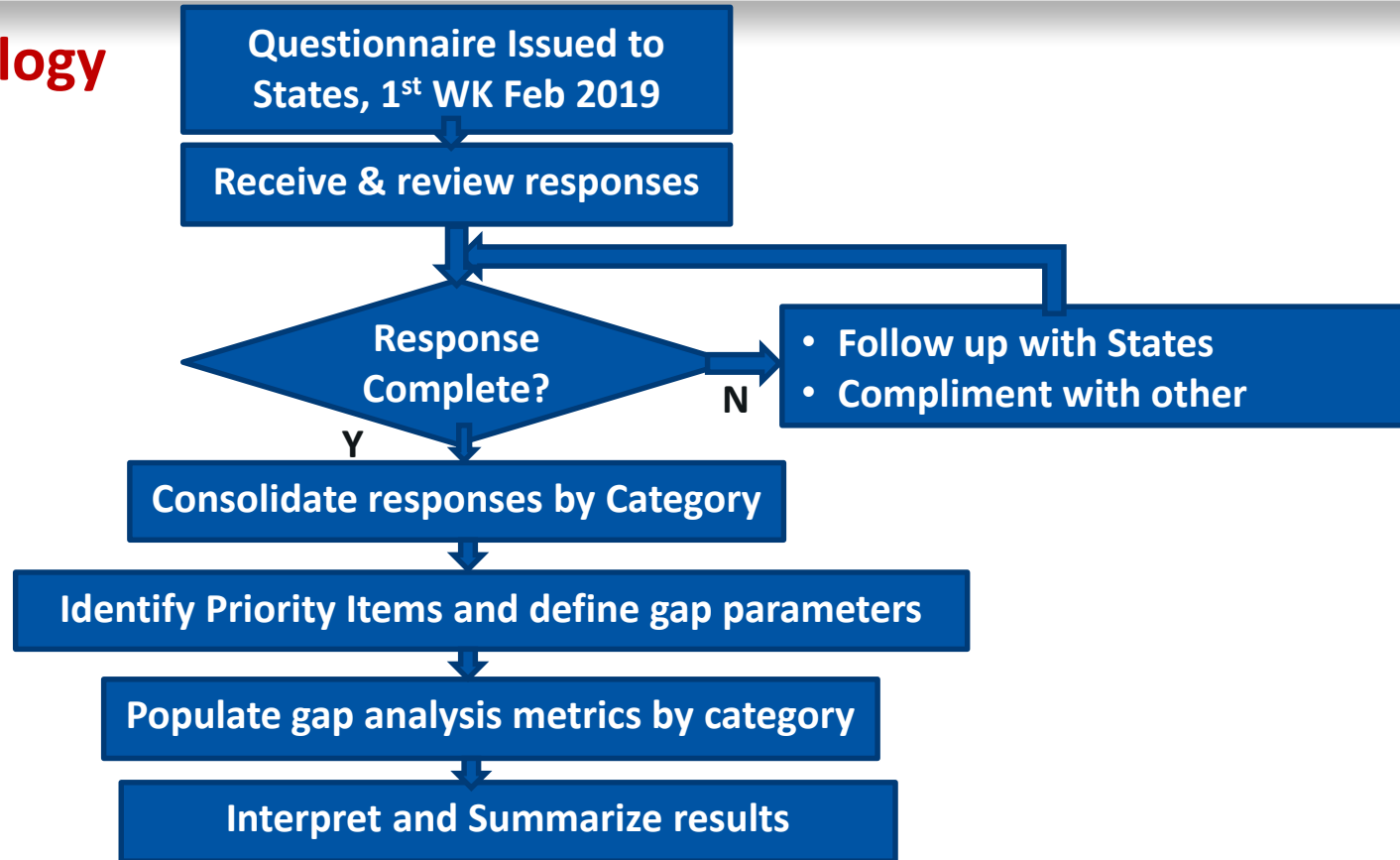
Methodology, Process and Outcomes

INTRODUCTION





Survey Methodology & Process





STATE:

AVIATION INFRASTRUCTURE GAP ANALYSIS FOR AFRICA
SURVEY QUESTIONNAIRE

SECTION A: INTERNATIONAL AERODROMES

FEBRUARY 2019

- **Section A – International aerodromes**
- **Section B – Air navigation services**
- **Section C – Aircraft fleet and equipage**



The 26 States that responded to the survey

- | | |
|-------------------|--------------|
| Angola | Ghana |
| Benin | Kenya |
| Botswana | Mali |
| Cabo Verde | Mauritius |
| Cameroon | Namibia |
| CAR | Niger |
| Cote d'Ivoire | Nigeria |
| DRC | Senegal |
| Equatorial Guinea | Sierra Leone |
| Egypt | Togo |
| Ethiopia | Uganda |
| Eswatini | United |
| Gabon | Tanzania |
| Gambia | |





Metrics

- Certification, RWY/TWY capacity,
- Apron capacity,
- Pax/cargo terminal capacity,
- Aerodrome rescue and fire fighting services (RFFS),
- Machine readable travel documents (MRTD),
- Pax/personnel/baggage screening equipment,
- Cargo screening equipment,
- Perimeter fences & emergency operations centre (EOC) and mobile command post,
- Electrical power supply systems,
- Airfield lighting and visual aids for navigation



Metrics

ATM

- **ATS units capacity**
- **ATM master plan**
- **PBN plan**

CNS

- **Communications: AFTN, AMHS, ATS/DS, AIDC, VoIP, HF/HF, CPDLC, VDL & HFDL;**
- **Navigation**
- **Surveillance**
- **Spectrum**



Metrics

AIM

- **AIXM Based e-AIP**
- **AIS/AIM Transition**
- **e-TOD**

MET

- **OPMETs**
- **Volcanic Ash**

SAR

- **RCCs/RSCs effective operation**
- **SAR Agreements**



Metrics

- Market share of the State/African Airlines
- Connectivity
- Capacity utilization of airlines
- Aircraft ownership
- Cape Town Convention
- Aircraft with operational approval (RVSM, CPDLC)



ICAO

UNITING AVIATION



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