



GLOBAL AIR NAVIGATION PLAN ASBU FRAMEWORK

ICAO Workshop on the new version of the Global Air Navigation Plan (GANP)
(Mexico City, Mexico, from 17 to 21 February 2020)

Luis Raúl Sánchez Vargas
Regional Officer, Aeronautical Meteorology
and Environment
ICAO North American, Central American
and Caribbean Regional Office

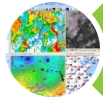


AGENDA

- 1. Basic Building Block (BBB)**
- 2. ASBU Framework**



BBB Framework:



Meteorological Information



Aeronautical Information



Search and Rescue

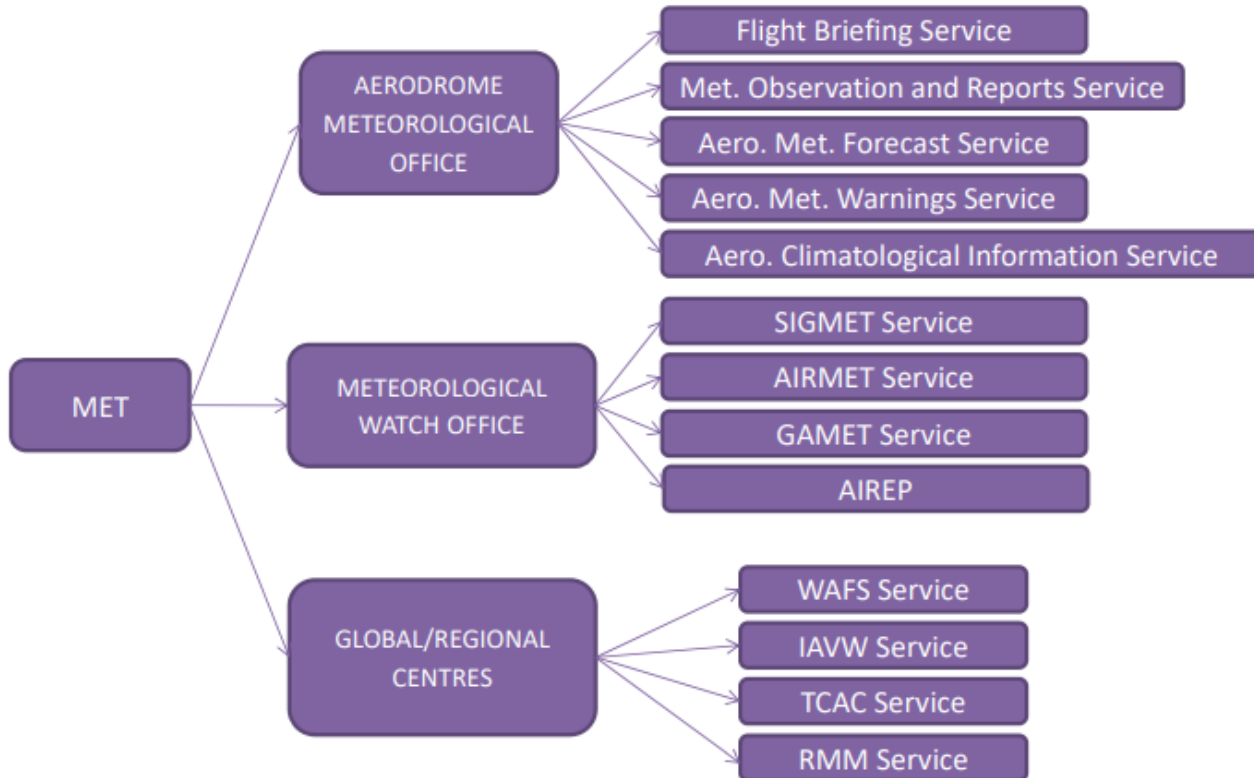


Air Traffic Management

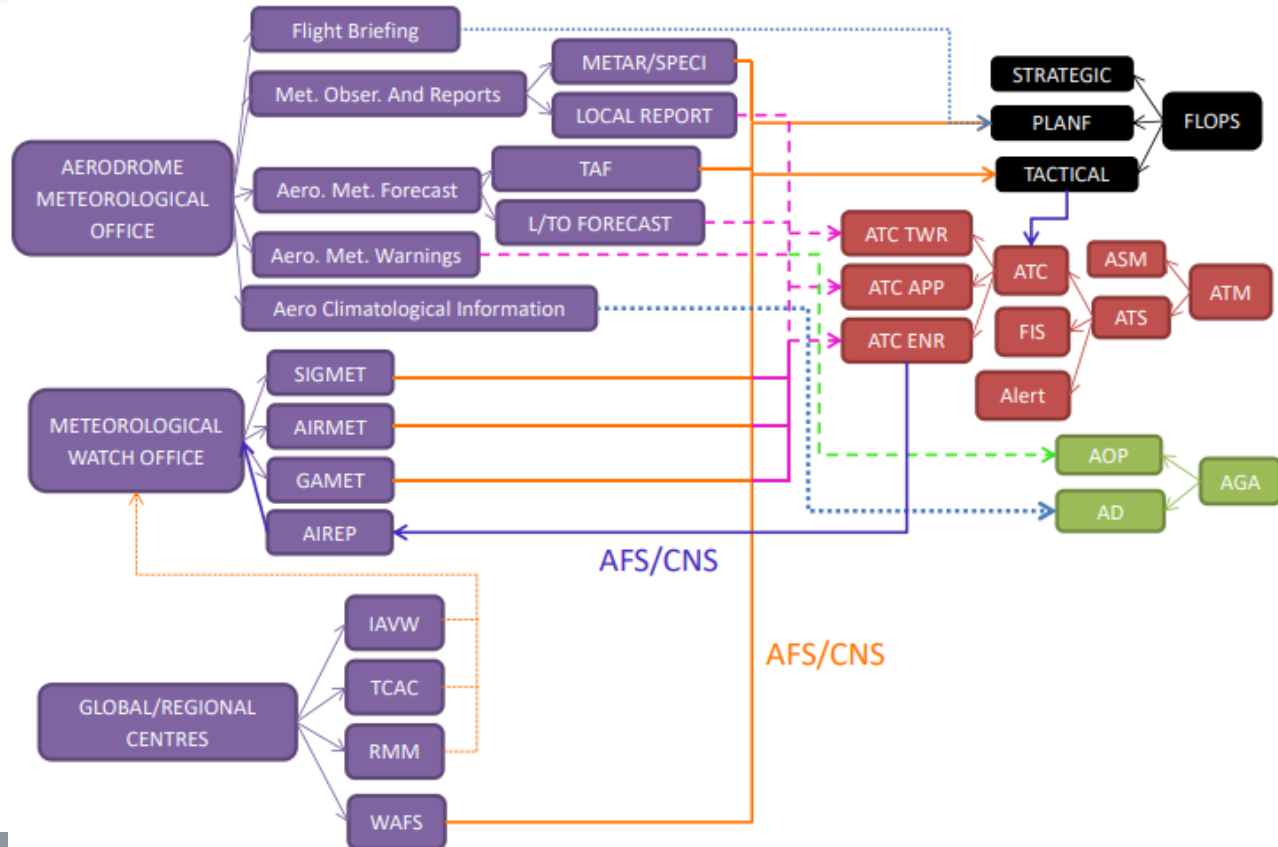


Aerodrome Operations

MET BASIC MODULES AND ELEMENTS

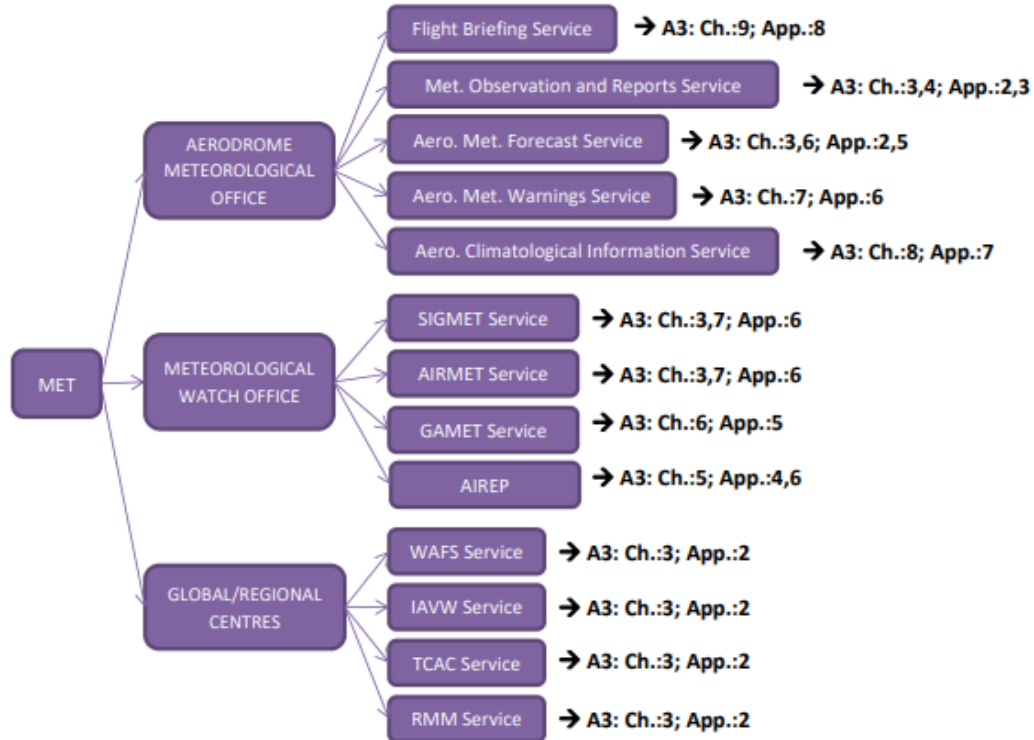


MET SUPPORT & END USERS



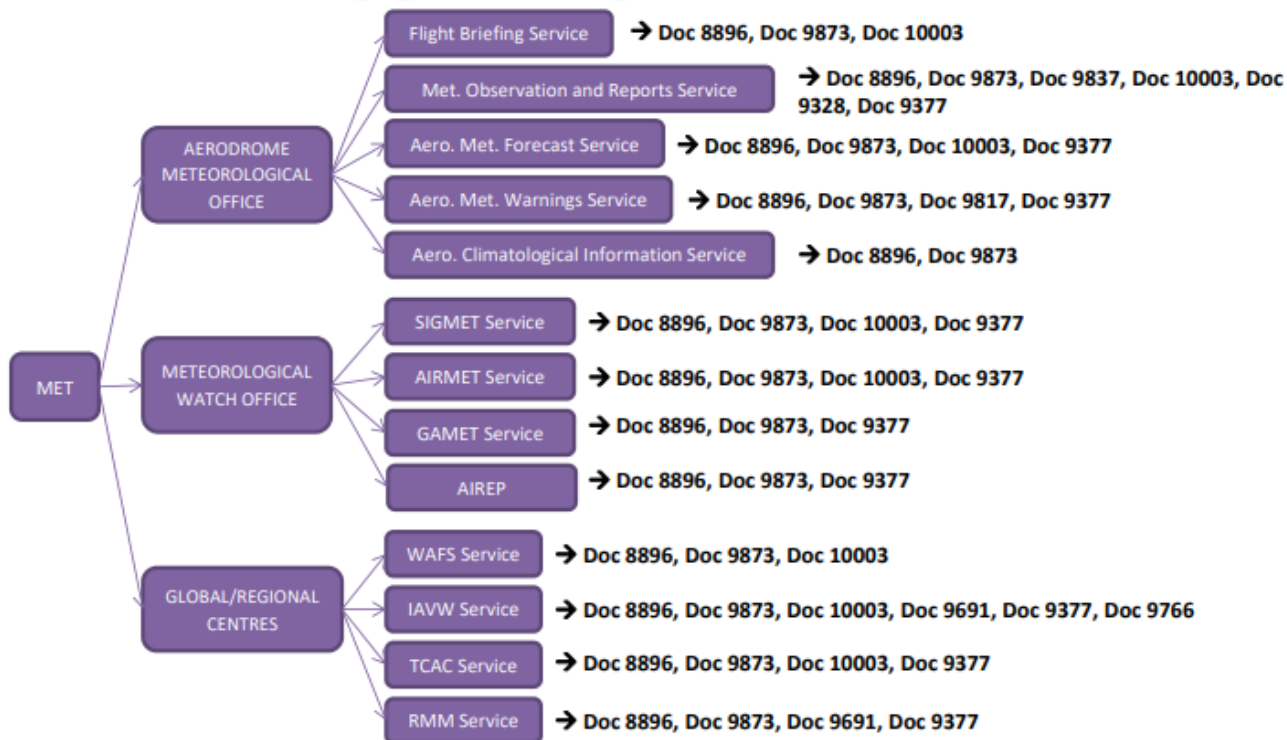
MET BASIC ELEMENTS/REFERENCES

ICAO SARPs



MET BASIC ELEMENTS/REFERENCES

GUIDANCE MATERIAL





MET References

- Annex 3: Meteorological Service for International Air Navigation
- Doc 8896: Manual of Aeronautical Meteorological Practice
- Doc 9873: Manual on the Quality Management System for the Provision of Meteorological Service to International Air Navigation
- Doc 9837: Manual on Automatic Meteorological Observing Systems at Aerodromes
- Doc 10003: Manual on the Digital Exchange of Aeronautical Meteorological Information
- Doc 9817: Manual on Low-level Wind Shear
- Doc 9691: Manual on Volcanic Ash, Radioactive Material and Toxic Chemical Clouds
- Doc 9328: Manual of Runway Visual Range Observing and Reporting Practices
- Doc 9377: Manual on Coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological Services
- Doc 9766: Handbook on the International Airways Volcano Watch (IAVW) — Operational Procedures and Contact List



BBB Verification

- ✈ to set a baseline for the system envisioned in the GANP and to ensure a robust foundation for the global air navigation system, an effective process should be established to verify, pursuant to Article 37 of the Chicago Convention, that the essential air navigation services identified in the BBB framework are provided.

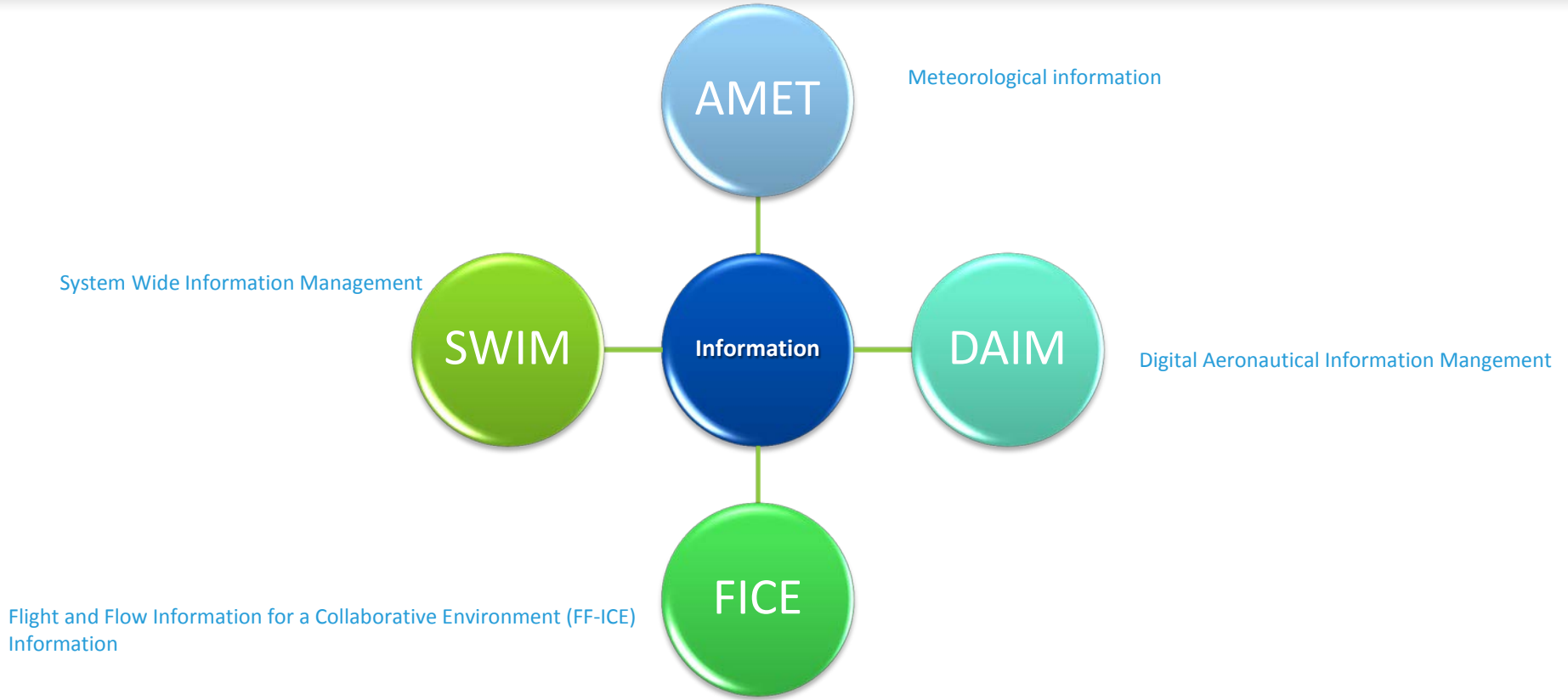


ICAO

UNITING AVIATION

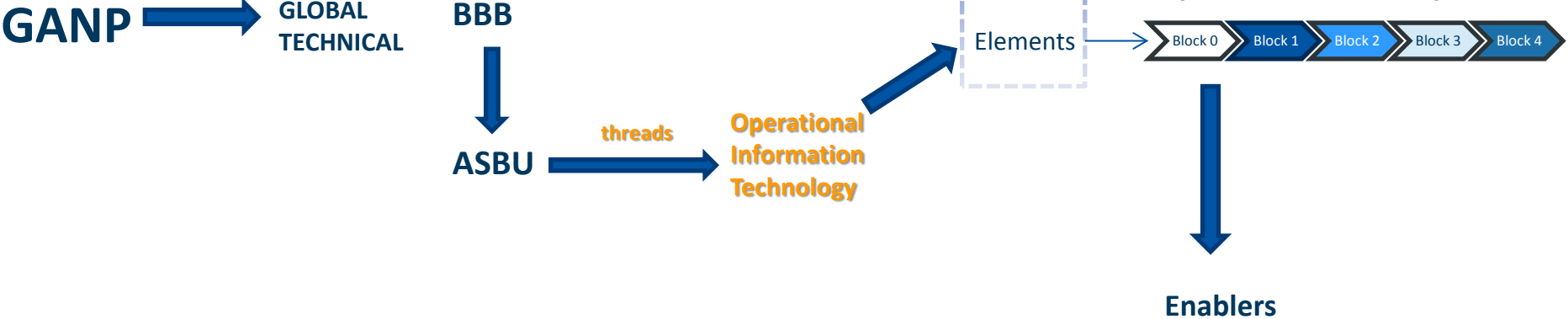
THE ASBU FRAMEWORK







This baseline is defined by essential services recognized by ICAO Member States as necessary for International Civil Aviation to develop in a safe and orderly manner





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