



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

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*Workshop on the Implementation
of the Amendment 82 to Annex 3
to Chicago Convention and the
PANS-MET*

(Praia, Cabo Verde, 30 March – 3 April 2026)



Session 2 : Main changes introduced by Amendment 82 to Annex 3

PPT2.2 : Links to operational concepts (SWIM, IWXXM, OPMET)

ICAO, WACAF Office

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Amendment 82 dealt with the restructuring of Annex 3 with a view to facilitating:

- the transition of the provision of aeronautical meteorological information from a "product-based" to an "information-based" environment as part of a System-wide Information Management System (SWIM); and
- the evolution of the provision of aeronautical meteorological services in accordance with the Global Air Navigation Plan (GANP).

Amendment 82 & Interoperability of systems

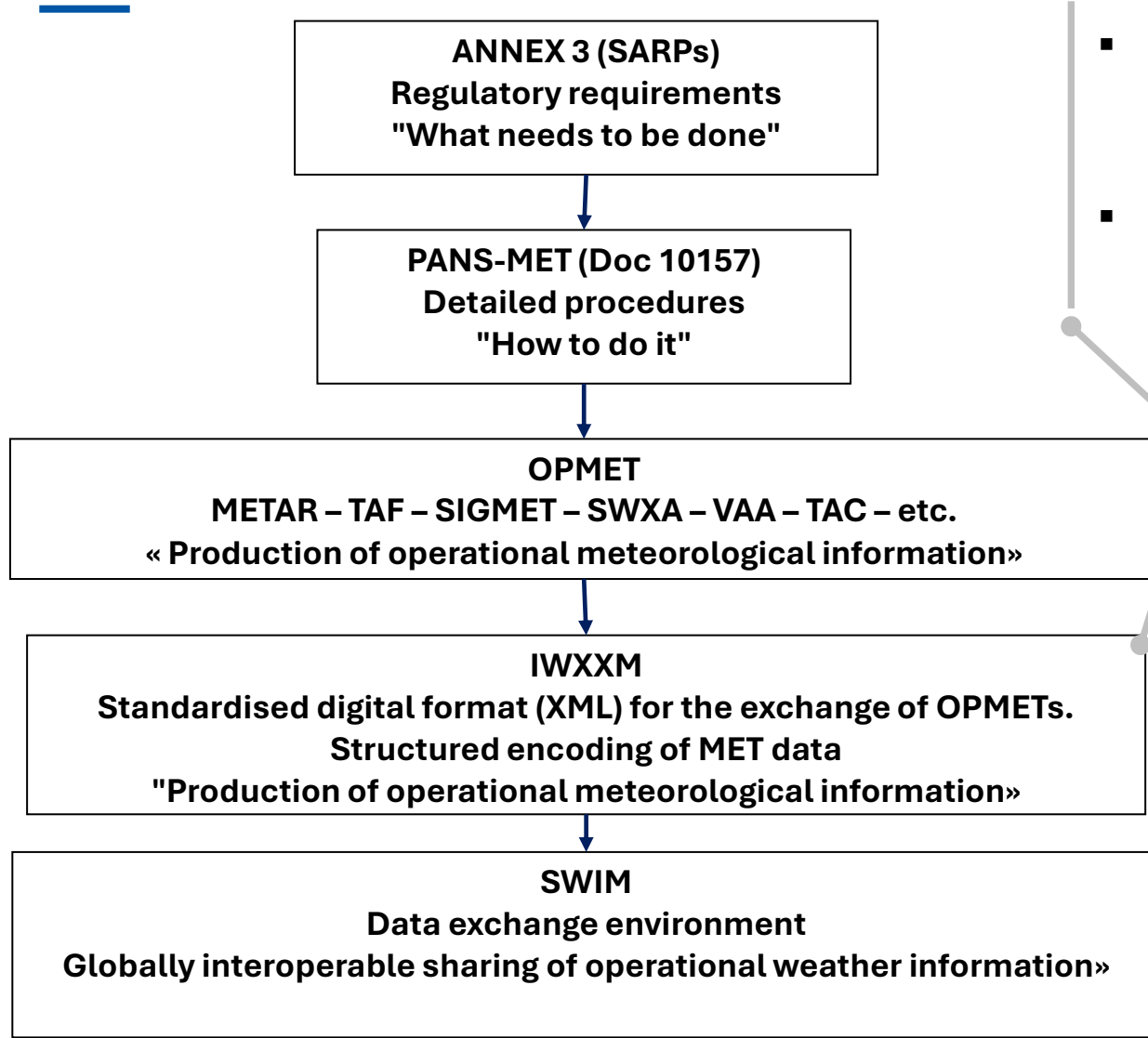
- Amendment 82 to Annex 3 **reinforces the evolution** of aeronautical meteorology **towards digital, interoperable information management** focused on operational needs.

- Amendment 82 prepares the integration of meteorological information into a SWIM environment by promoting:
 - Data-driven rather than message-based information delivery,
 - **Better interoperability between MET, ATS and AIM,**
 - **Standardized and traceable** dissemination of MET information.

- Amendment 82 supports the use of **machine-readable formats, recognizing IWXXM as the reference model** for the digital exchange of MET information, thus facilitating:
 - **ATM automation,**
 - **Direct exploitation of MET information by operational applications.**

- *Ref. Doc 8896 OACI Chap. 2, §2.1 : OPMET information includes aerodrome reports, landing forecasts, aerodrome forecasts, special aircraft observations, SIGMET and AIRMET information, tropical cyclone, volcanic ash and space weather advisories and WAFS forecasts. .*
- Amendment 82 strengthens the standardization and consistency of OPMET information by:
 - **Clarifying the requirements** for aeronautical meteorological information;
 - **Building on the PANS-MET** to harmonize production and dissemination procedures;
 - **Improving the quality, reliability and operational use** of OPMET information.

Liens avec les concepts opérationnels SWIM, IWXXM and OPMET

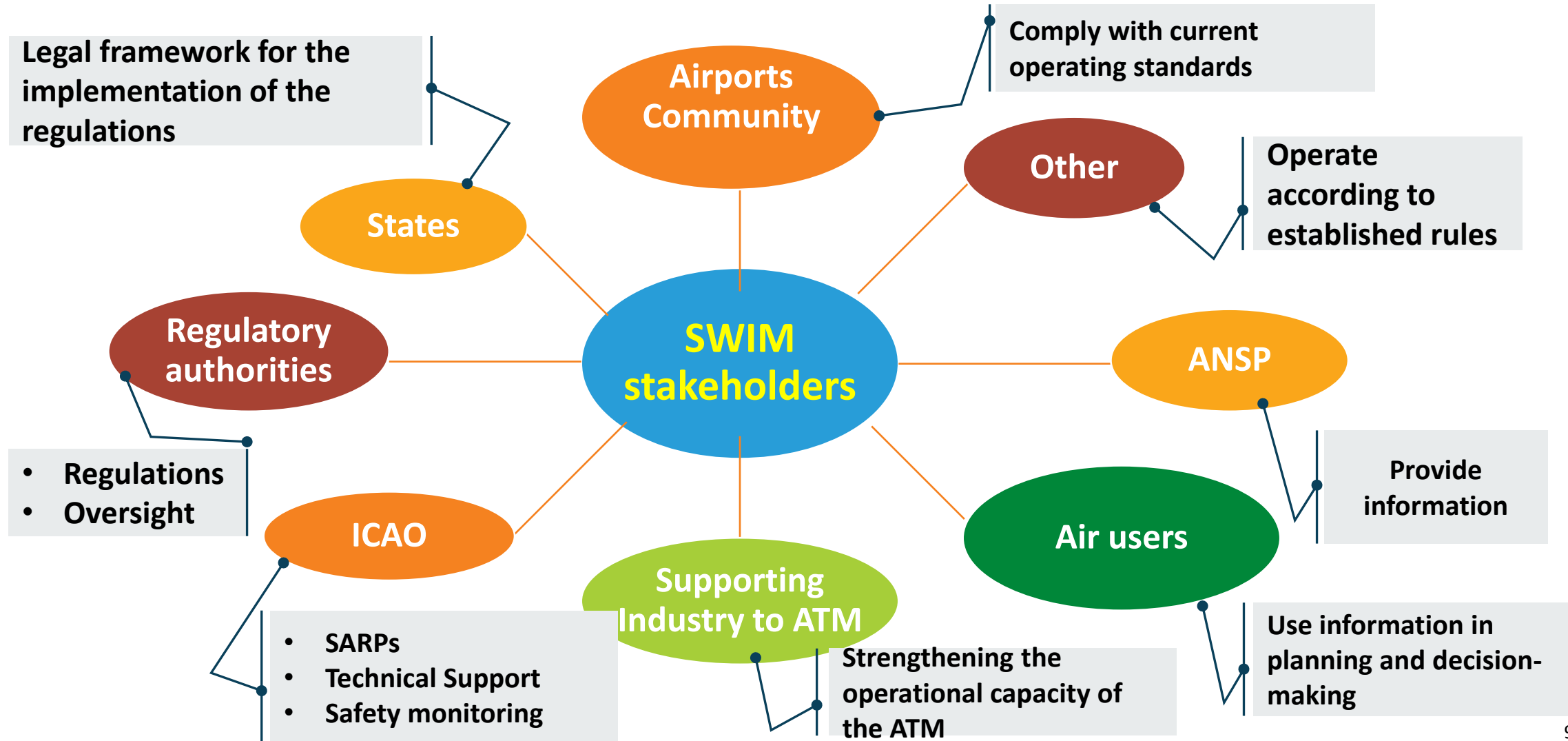


- MET information is exchanged using a **data exchange format**, one type of which is an **information exchange model**.
- The main model for information exchange in MET-SWIM is **the IWXXM**

The **Scheme and Procedures for OPMET exchange** should serve as the **regional operational mechanism** that:

- **Implements** the meteorological related SARPs of ICAO Annex 3;
- **Applies** the operational procedures defined in PANS MET (Doc 10157); and
- **Supports** the strategic modernization objectives of the Global Air Navigation Plan (GANP).
- The **OPMET Scheme and Procedures should ensure** that OPMET data exchange in the AFI Region **remains standardized, reliable, and compatible** with global aviation information management developments.

SWIM stakeholders and their roles





Thank You!