



SWIM

System Wide Information Management Implementation in Cambodia

CNS/ATM Modernization Roadmap · 2026 – 2030

Cambodia Air Traffic Services Co., Ltd. (CATS)

Technical Development & Management (TDM) Department | August 2026

Current Status of SWIM Information Services

CATS already exchanges aeronautical and meteorological data using ICAO-endorsed SWIM information exchange models



AIXM 5.1

Aeronautical Information (AIS/AIM domain)

Aeronautical Information Exchange Model — enables digital, SWIM-compliant exchange of aeronautical data (AIP, NOTAM, obstacle and airspace data) in line with ICAO Annex 15 and eAIP digitalization.

• Currently Supported



IWXXM 2021

Meteorological Information (MET domain)

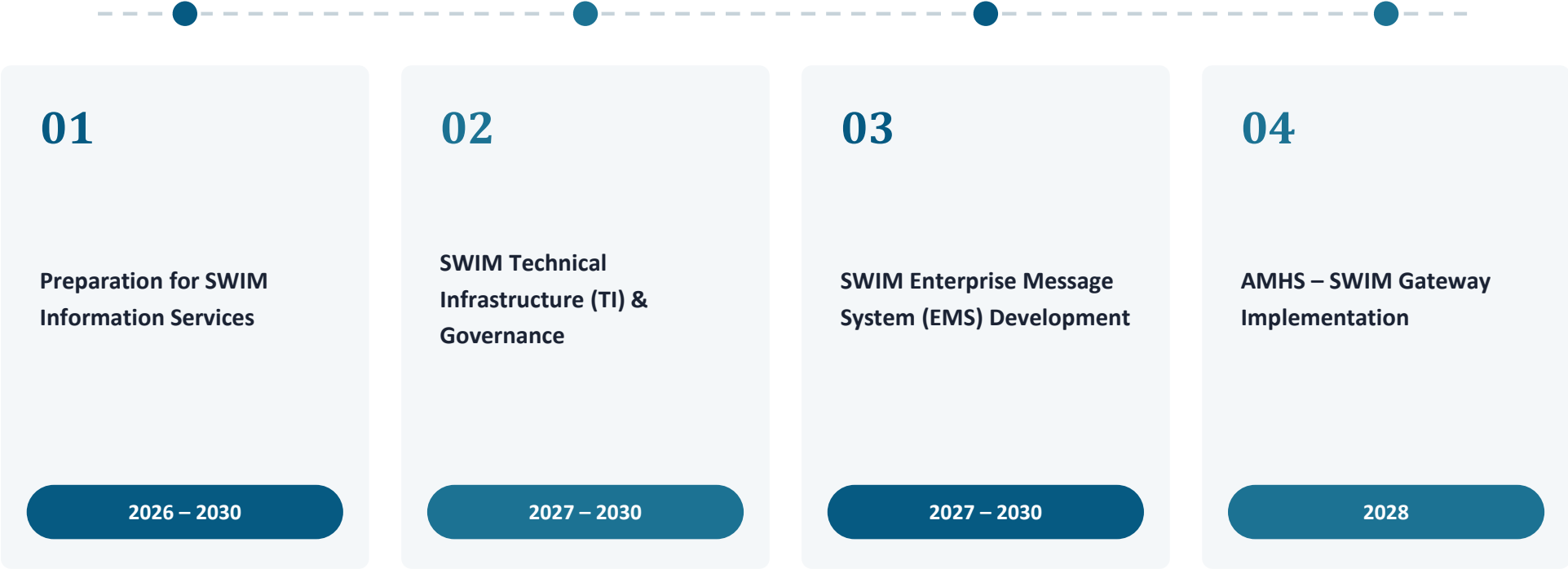
ICAO Meteorological Information Exchange Model (2021 edition)
— enables digital exchange of METAR, TAF, SIGMET and other MET products in SWIM-compliant XML format.

• Currently Supported

Current AIXM 5.1 and IWXXM 2021 capability provides the information-exchange baseline; remaining workstreams extend this into full SWIM Technical Infrastructure and services — see roadmap.

SWIM Implementation Roadmap — AMHS-Centric Workstreams

Four parallel workstreams building SWIM capability on the AMHS platform (2026 – 2030)



Complementary System Upgrades Enabling FF-ICE & SWIM

Network and ATC systems being modernized in parallel to support end-to-end SWIM data exchange

CRV

Common aeRonautical Virtual Private Network

Upgrade network capacity to handle SWIM information traffic

2028 – 2030

TOPSKY

ATC & Simulator System

Enhance upgrade with FF-ICE (Flight and Flow Information for a Collaborative Environment) capability

2028 – 2030

AIS/AIM

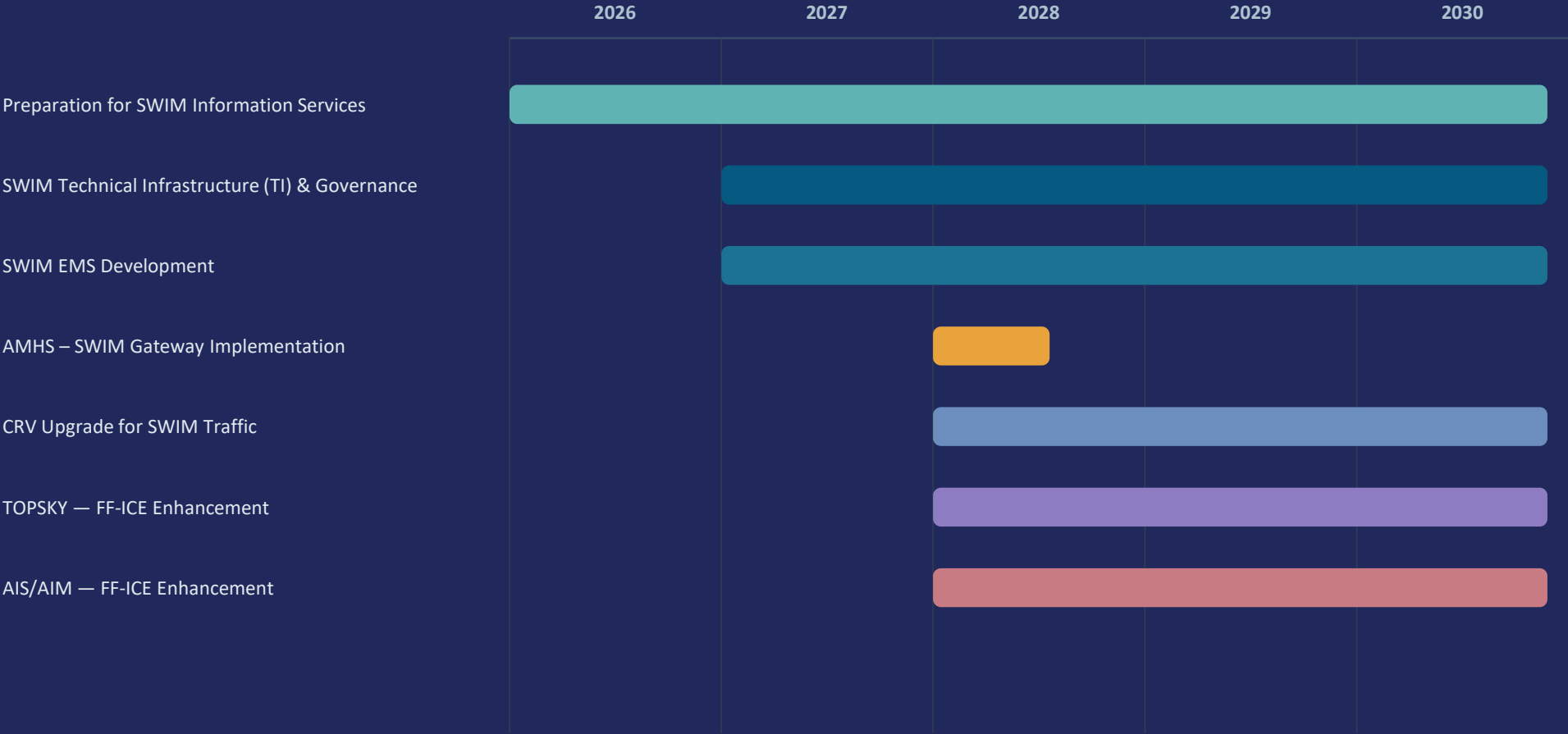
Aeronautical Information System / Management

Enhance upgrade with FF-ICE capability, building on current ICAO Annex 15 data compliance

2028 – 2030

Combined with AMHS-SWIM Gateway implementation, these upgrades complete the FF-ICE / SWIM-ready CNS/ATM ecosystem.

Consolidated SWIM Roadmap · 2026 – 2030



CATS is committed to full SWIM readiness in alignment with the ICAO Global Air Navigation Plan and ICAO APAC SWIM implementation guidance.