

Slide 1 — Nepal: SWIM Technical Infrastructure

Key Developments

- **National ATS Ground Communication Network:** Modernized towards **IP-based communication**.
- **CRV:** Nepal is progressing towards integration with the **ICAO Asia/Pacific Common Regional Virtual Private Network (CRV)**.
- **AMHS:** CAAN has installed a modern **AMHS**, providing a foundation for digital aeronautical information exchange.
- **SWIM Foundation:** IP-based infrastructure + CRV + AMHS provide the technical foundation for future SWIM services.

Slide 2 — AMHS, AIXM/IWXXM & Digital NOTAM

CAAN Current Capability

- **AMHS operationalization planned in 2026**
- Supports:
 - **AIXM** – Aeronautical Information Exchange Model
 - **IWXXM** – Meteorological Information Exchange Model
- AMHS software includes capability to support **Digital NOTAM**.
- Provides a pathway from **legacy messaging** → **structured digital information exchange** → **SWIM**.

ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper.