



# National Mobile Warning System

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11 February 2025

ITU Regional Initiative Accelerator Workshop

# Agenda

- National Mobile Warning System Regulation
- Technical Features of NMWS
- Public Trust and Awareness
- Conclusion & Recommendations

# National Mobile Warning System (NMWS) Regulation

- Designed for emergency alerts related to natural disasters, security threats, and public safety.
- Covers geographical areas with real-time alerts.
- Utilizes CMAS, CBS, SMS, and pre-call announcements.
- Regulated under national telecommunication laws.

# Technical Features of NMWS

- CMAS (Commercial Mobile Alert System): Broadcasts emergency alerts via compatible mobile devices.
- CBS (Cell Broadcast System): Sends text-based alerts to users in affected areas.
- SMS Alerts: Ensures coverage for non-CMAS compatible devices.
- Pre-call Announcements: Audible warnings before phone calls during emergencies.
- ETSI TS 102 900 for CMAS
- ETSI TS 123 041 for CBS

# Public Trust and Awareness

- NMWS should be used only when necessary to prevent alert fatigue.
- Public education campaigns through drills and public service announcements.
- Ensuring transparency and credibility in alert issuance.
- Leveraging multi-channel communication strategies for broader reach.



# Conclusion & Recommendations

- Ensure NMWS is strictly used for emergencies to maintain credibility.
- Increase public awareness through regular drills and educational content.
- Encourage international cooperation in mobile warning systems.
- Continuously enhance NMWS infrastructure and technology.



# THANK YOU