

CAP (Common Alerting Protocol) based Integrated Alert System

Unified system for Effective Communication And Citizen-Centric Last Mile Reachability



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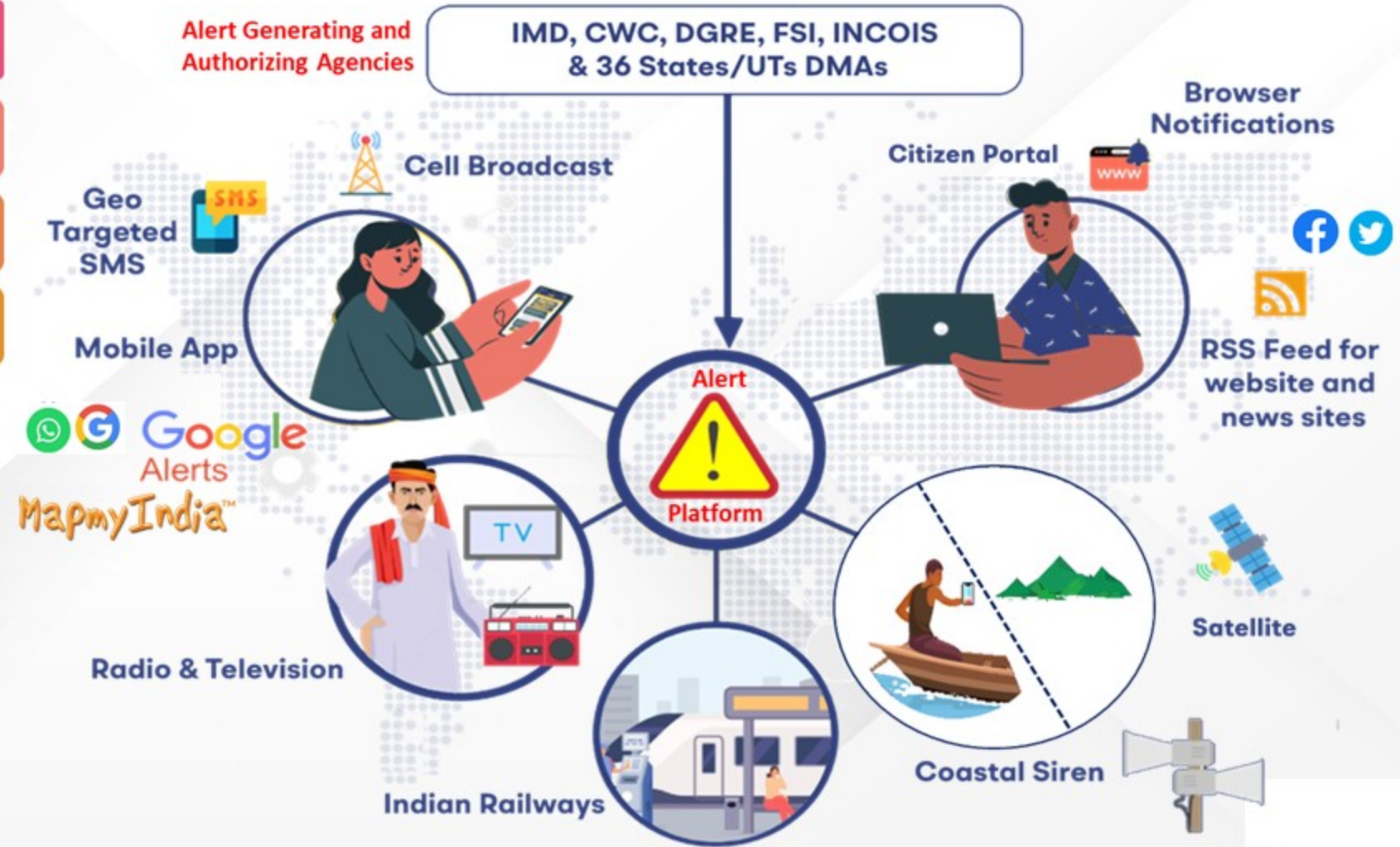


Operational across All over India for Any Kind of Disaster

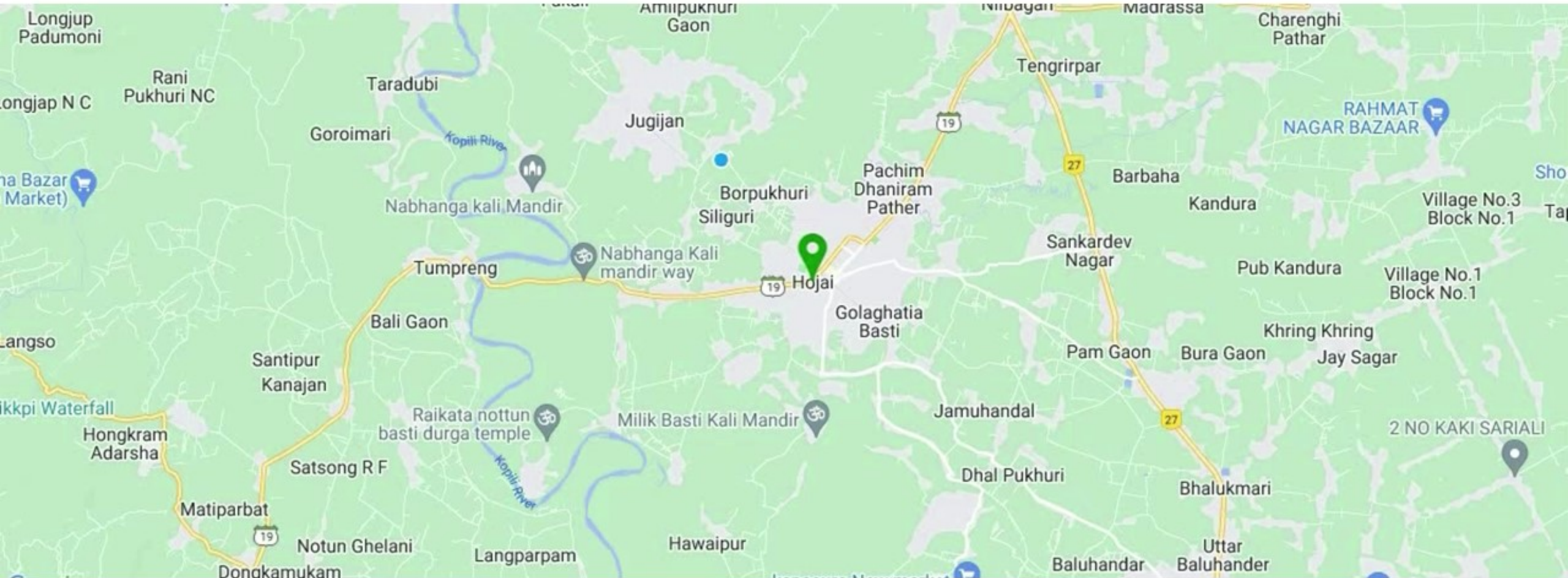
- ✓ Covering **1.40 Billion** Population ~ **17%** of the world.
- ✓ **9+ Billion Targeted** Disaster Alert SMS Disseminated (~ **6 times** of India's Total Population).

Common Alerting Protocol (CAP)

-  Globally accepted
-  ITU-T x.1303 standard
-  Enable open exchange of disaster information



Geo Targeted Dissemination



Target Area Selection



← Back to Target Area

1 Select Target Area 2 Fill Warning & Dissemination Details 3 Select First Responders 4 Preview & Disseminate

Next

Fill Warning Details

Event Lightning	Warning Category Red (Take Action)	Certainty Very Likely	Effective Time 05-06-2023, 12:30 PM	Expiry Time 05-06-2023, 03:30 PM
Web URL (Optional) URL format should be protocol://domainOrIPAddress:port/path		Instruction to Public Citizens are advised to take safe shelters. Do not take shelter under trees.		

Select Dissemination Media

- SMS
- Cell Broadcast
- Satellite
- Browser Notification
- Mobile Application
- Television
- Radio
- Railway
- Coastal Siren

SMS

Warning Message (in English) Message same as

Lightning is very likely to occur over Hojai in the next 3 hours. Citizens are advised to take safe shelters. Do not take shelter under trees. Issued in public interest by Govt. of Assam.

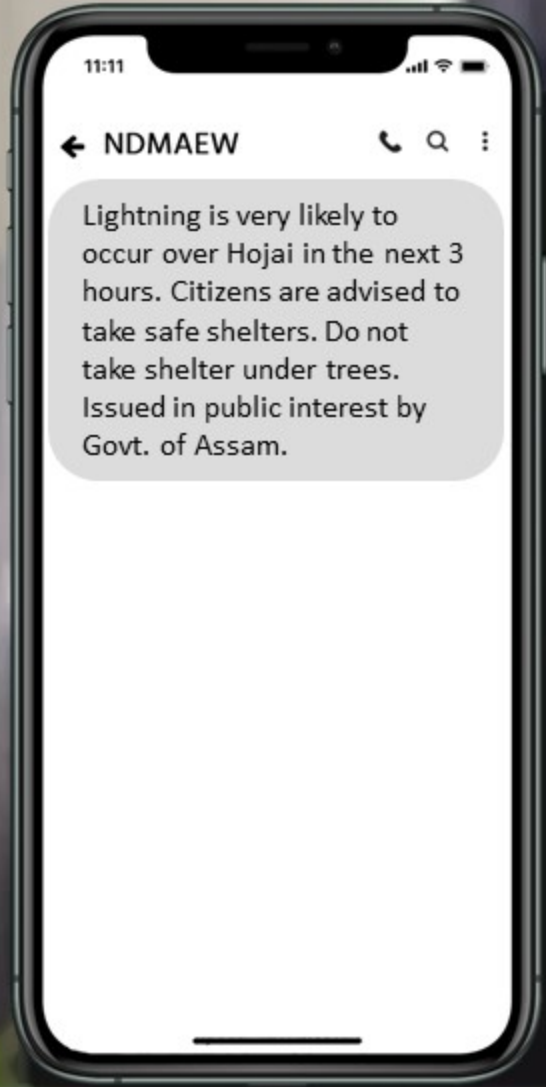
Select Telecom Service Providers

Reliance Jio Airtel Vodafone-Idea BSNL

Alert Generation and Dissemination over different media



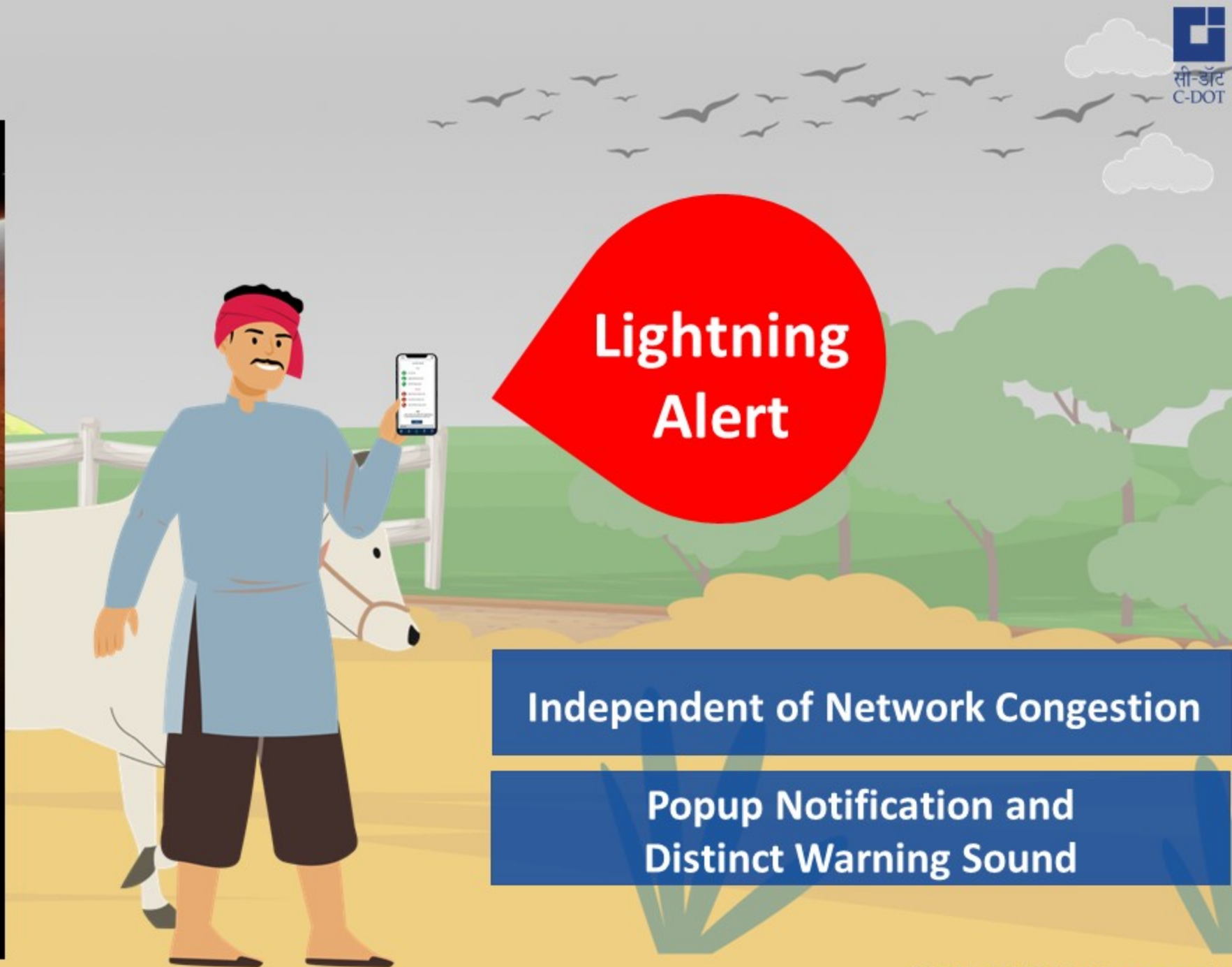
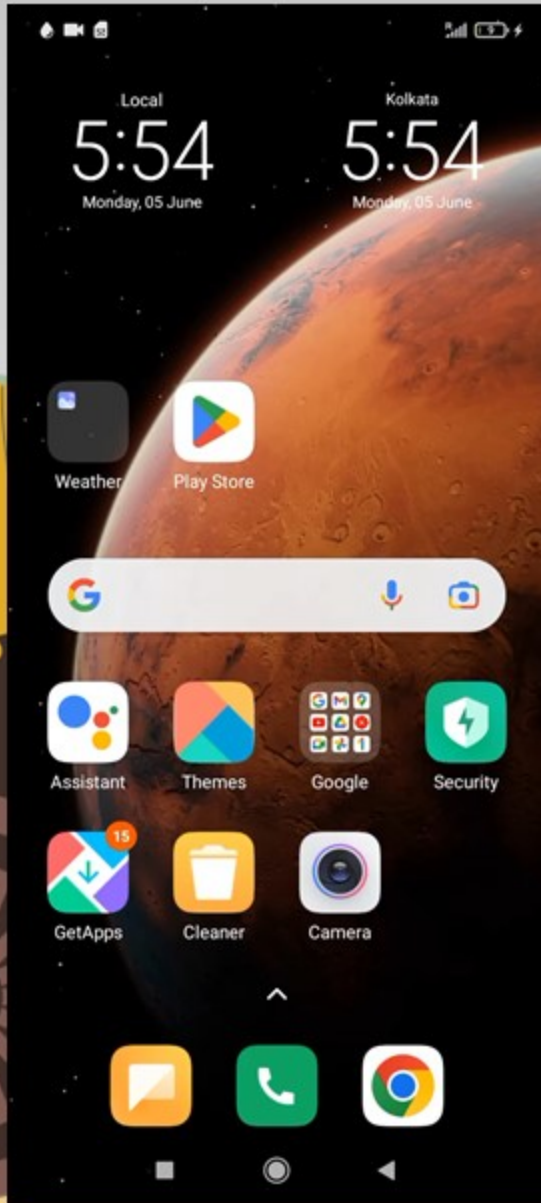
Telecom
SMS and Cell
Broadcast



SMS

No Subscription Required

No Mobile Handset Dependency



**Lightning
Alert**

Independent of Network Congestion

**Popup Notification and
Distinct Warning Sound**



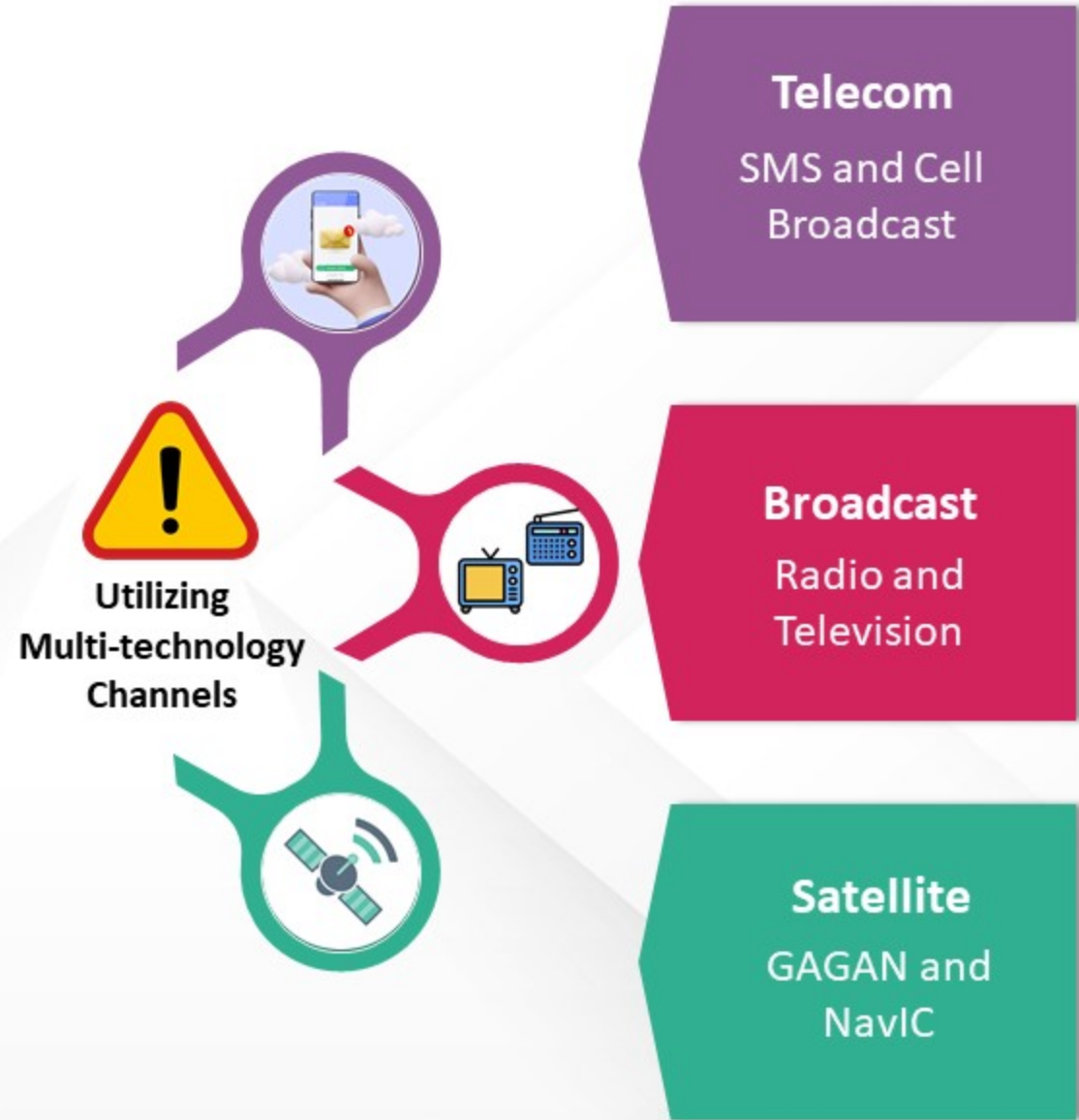
Cyclone Alert



Multi-technology, Multi-variant
system integration

Cost Effective inter-working
system for legacy infrastructure

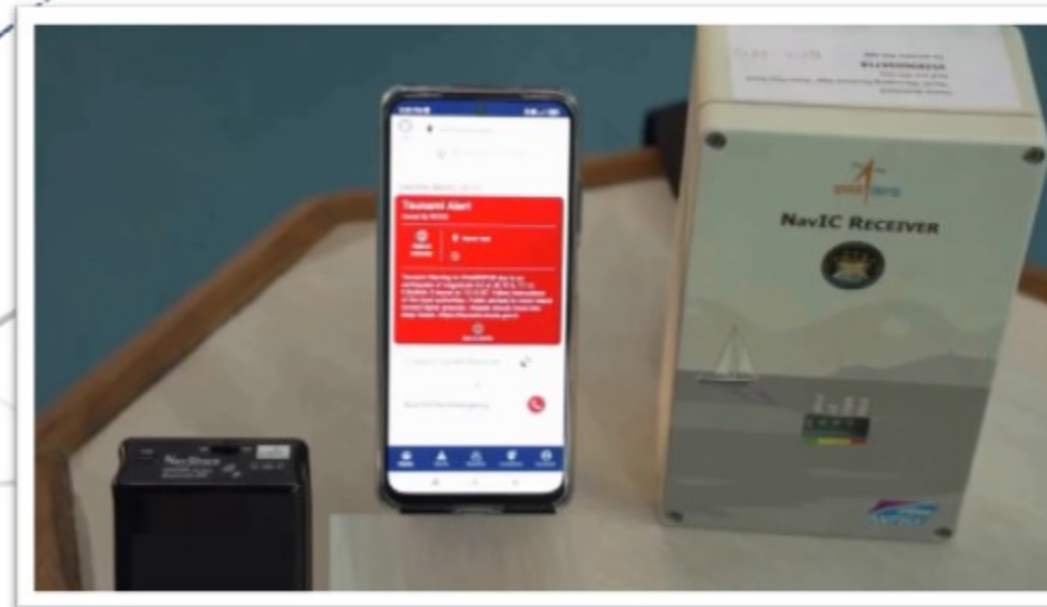






Satellite

**Cyclone
Alert**



NavIC Receiver

Through GAGAN and NavIC Satellite receivers

Useful where terrestrial communication service unavailable



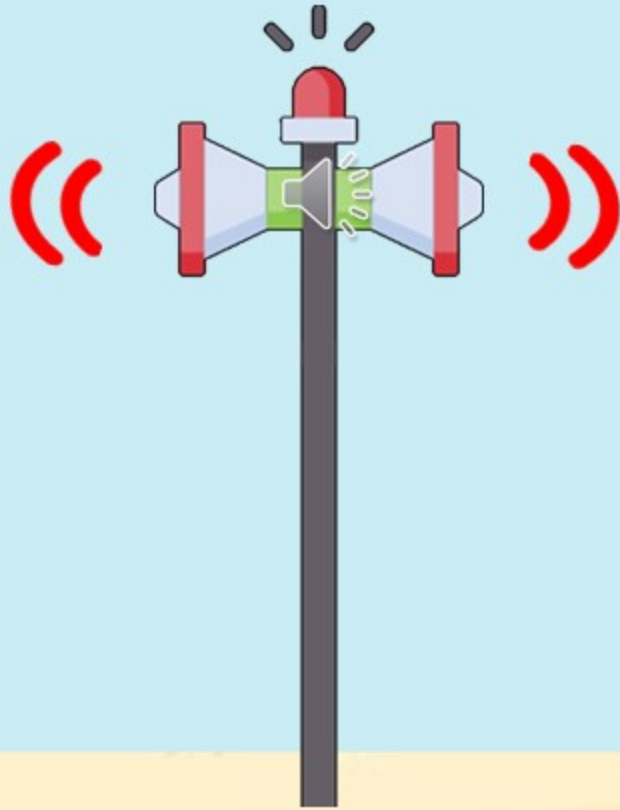
TRAIN No.	TRAIN NAME	EXPTIME	AD	PENo.
12716	सकलवर्ग सुपरफास्ट एक्स	10:53	D	1
04449	नई दिल्ली कुरुक्षेत्र स्पे.	11:02	A	2
11841	गीताजयंती एक्सप्रेस	11:23	D	
12460	अमृतसर-नई दिल्ली एक्सप्रेस	रद्द		

Covid Guidelines:

COVID-19
Advisory

Alert at Railway Stations

Cyclone
Alert







सचेत NATIONAL DISASTER ALERT PORTAL

Earthquake Alerts

04 Jun 2023 05:46:05*** 3.1 Magnitude | Myanmar | 04 Jun 2023 00:19:03*** 3.7 Magnitude | Myanmar | 03 Jun 2023 17:07:02*** 4.2 Magnitude | Afghanistan | 03 Jun 2023 15:55:02*** 4.0 Magnitude |



CURRENT LOCATION CAP ALERT



ALL INDIA CAP ALERT



STATE WISE CAP ALERT



FORECAST

Current and subscribed locations alerts at one place

Real time weather updates



ALERT LIST

- Pre Fire Alert Uttarakhand
- Pre Fire Alert Uttarakhand
- Pre Fire Alert Punjab
- Pre Fire Alert Madhya Pradesh
- Pre Fire Alert Haryana
- Pre Fire Alert Andhra Pradesh
- Pre Fire Alert Bihar
- Pre Fire Alert Chhattisgarh
- Pre Fire Alert Jharkhand
- Heat Wave

New Delhi

33°C
Moderate or heavy..

AQI :54
Satisfactory

New Delhi
Last Updated: 05 Jun 2023 2:02PM

Hourly Forecast

3:00 PM	4:00 PM	5:00 PM
39.8° Rain : 0%	38.9° Rain : 0%	40.5° Rain : 0%

Daily Forecast

Sunday	Today	Tomorrow
40.5° High 30.6° Low 87% Rain	44.8° High 31.5° Low 0% Rain	45.5° High 32.8° Low 0% Rain





Live CAP Alert -- (32)

Not viewed by SDMA About to expire Publicly Disseminated Reset

Severe Thunderstorms with surface wind

1/32

farrukhabad,shahjahanpur,kannauj,badaun,kannauj, Gumbha, Gumla
5 Jun 3:30 PM to 5 Jun 6:30 PM
IMD Lucknow

Light Thunderstorm with surface wind

2/32

5 Jun 3:30 PM to 5 Jun 6:30 PM
IMD Ranchi

Moderate Thunderstorms with surface win...

3/32

Birbhum, Murshidabad districts of West Bengal
5 Jun 3:10 PM to 5 Jun 6:10 PM
IMD Kolkata

Forecast By Alert Generating Agencies

THUNDERSTORM

Berhampore , West Bengal
5th Jun 3:10 PM to 5th Jun 6:10 PM
IMD

THUNDERSTORM

Coimbatore , Tamil Nadu
5th Jun 2:00 PM to 5th Jun 4:00 PM
IMD

THUNDERSTORM

Coonoor , Tamil Nadu
5th Jun 2:00 PM to 5th Jun 4:00 PM
IMD

Total Dissemination Statistics

Last 1 Week

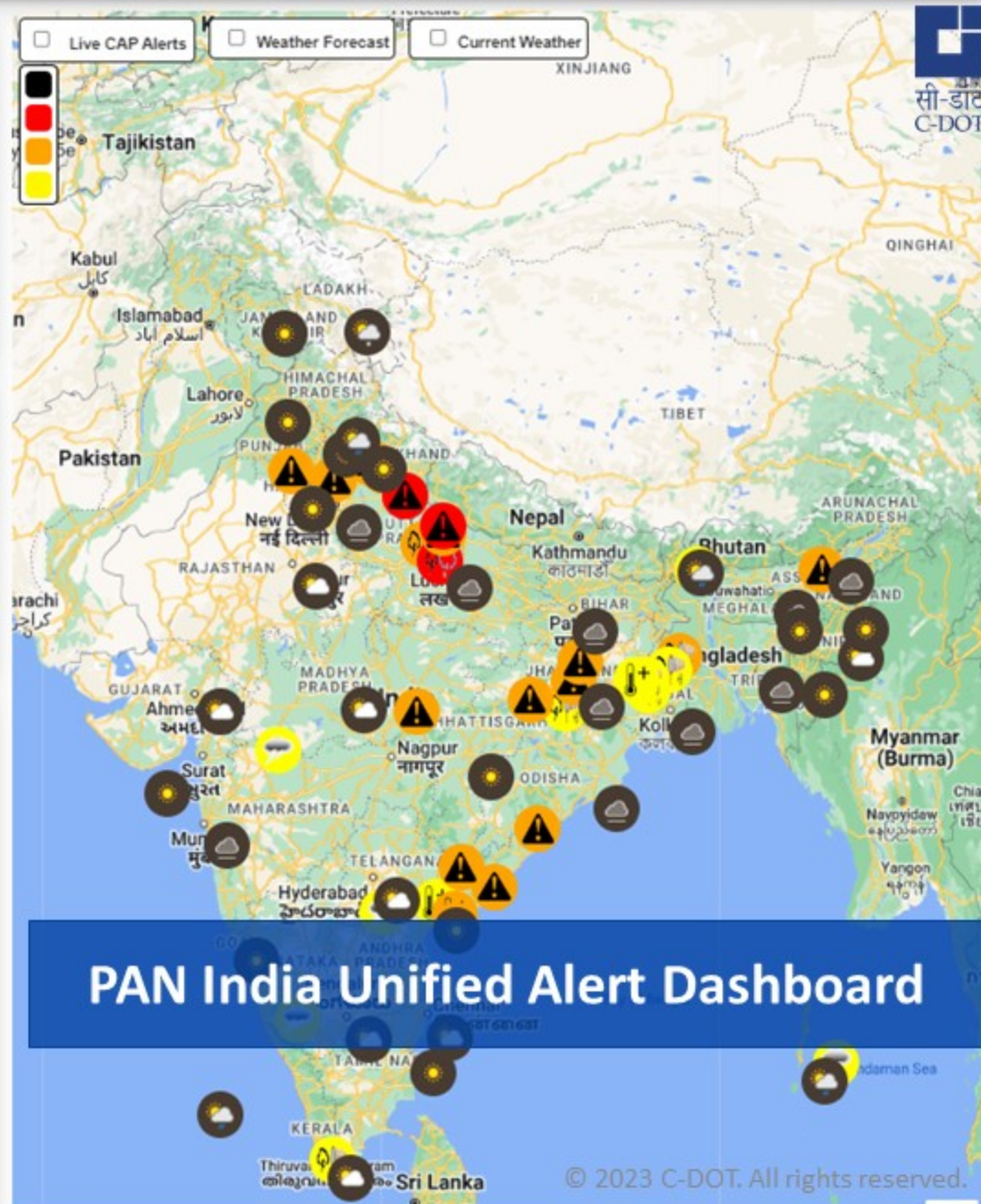
Total Alerts 250

Total States 26

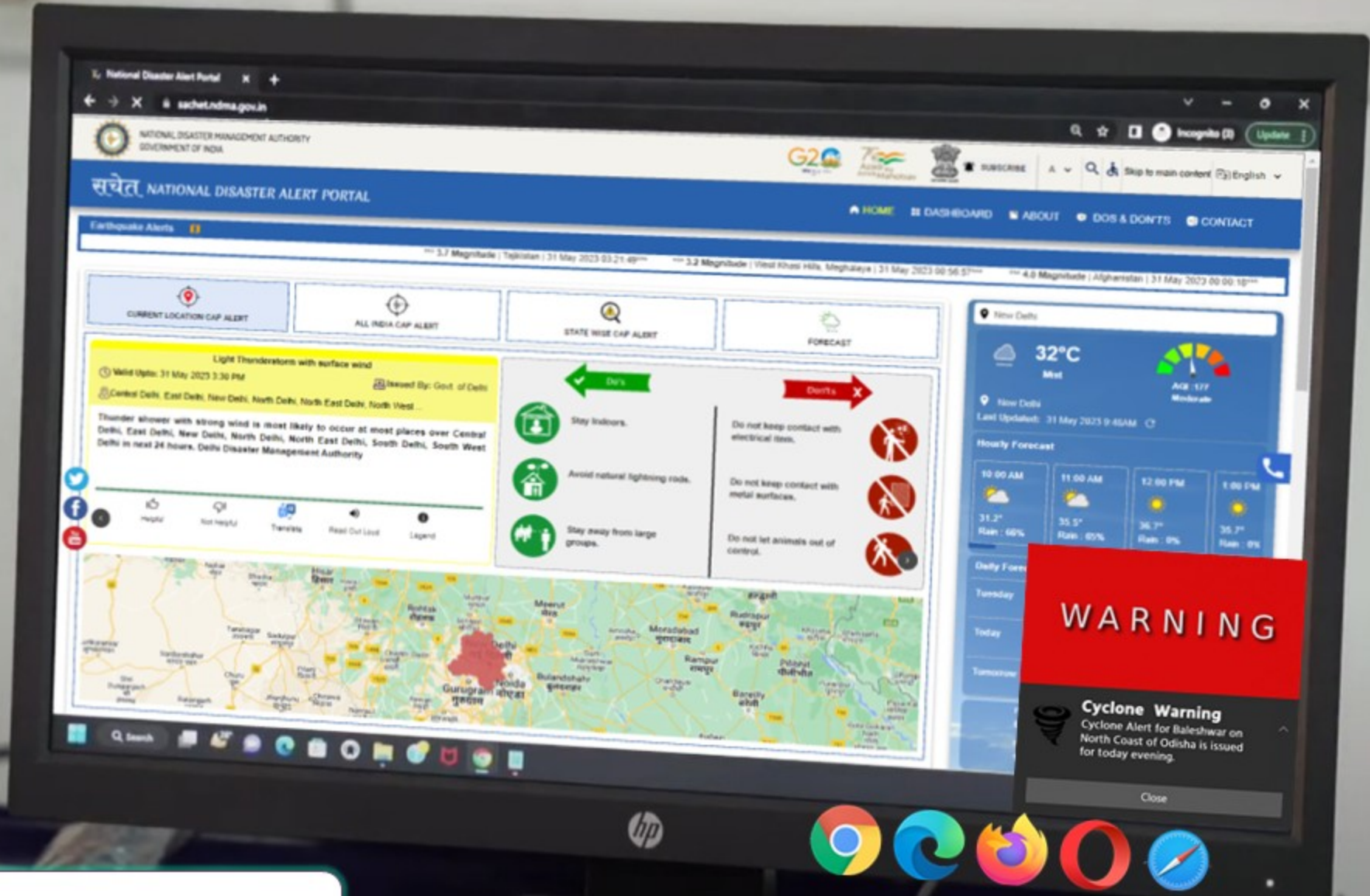
Total SMS Disseminated 108.38Cr

Mobile App Notification 7.54L

Total Browser Notification 0

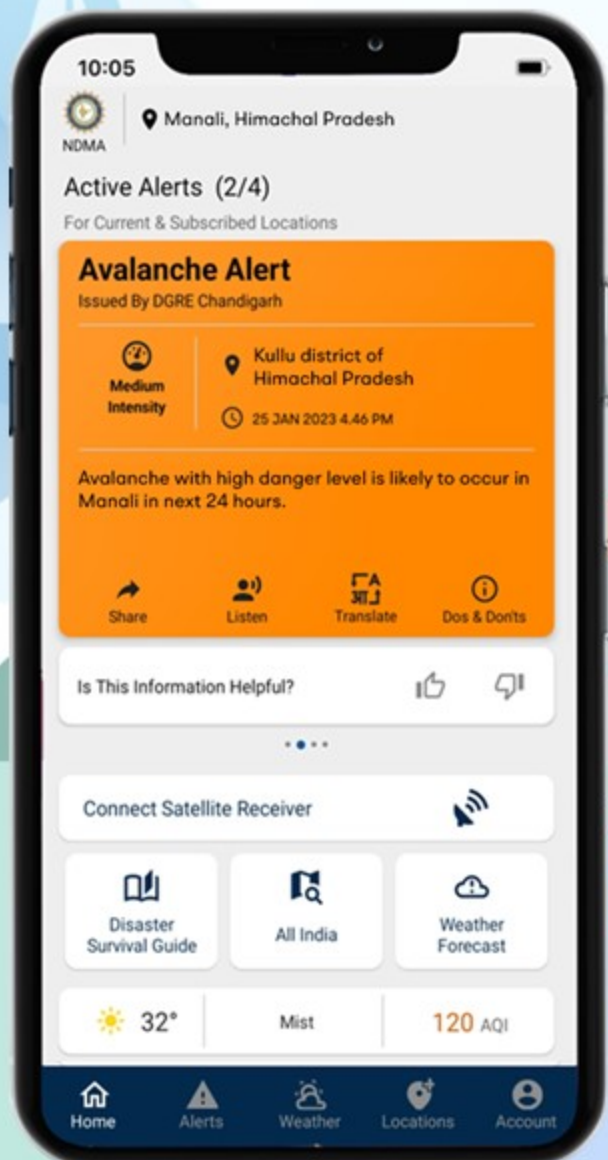


PAN India Unified Alert Dashboard



Browser Notification

Alert on mobile application



Tourists
Subscribed
Alerts for
Manali

Received
Avalanche
Alert

Unified Govt. App for all
Disaster Alerts

Area specific alerts, catering roamers as
well as tourist population

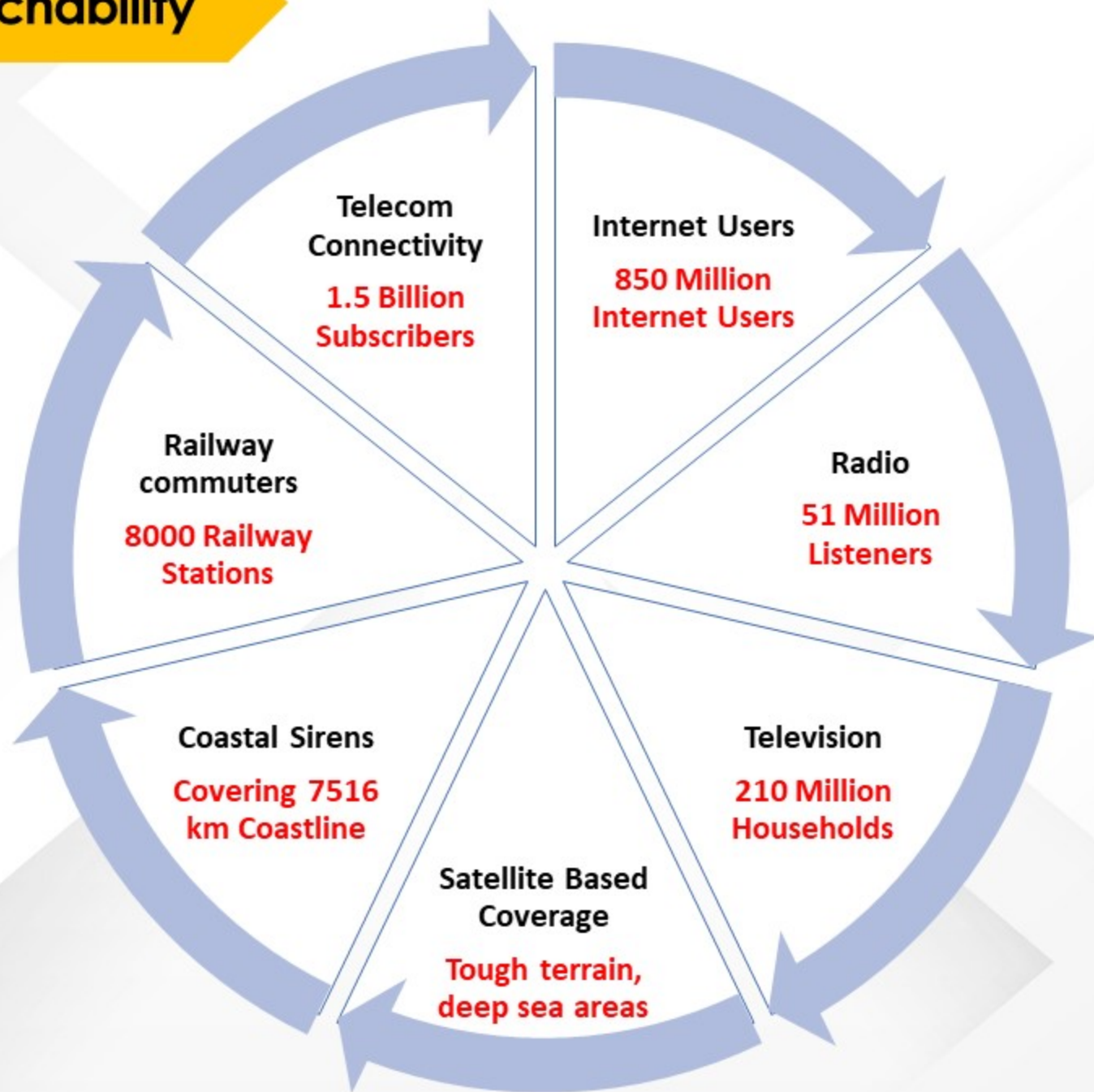
Disaster Survival Guide in all major
Indian languages





Social Media

Early Warning Reachability



Utilization of CAP System in India



9.40+ Billion
Disaster Alert
SMS



Trained 1000+
Disaster Management
Officials



100+ Stake Holders
integrated in Single
Platform



COVID19

Effectively Managed
Covid-19 Pandemic

Shri Amarnath Ji Yatra
15.2 Million SMS



Snow Fall/Cold Wave
29.7 Million SMS



Heat Wave
431 Million SMS



Avalanche
115 Million SMS



Dust Storm Alert
161 Million SMS



Forest Fire Alert
56 Million SMS



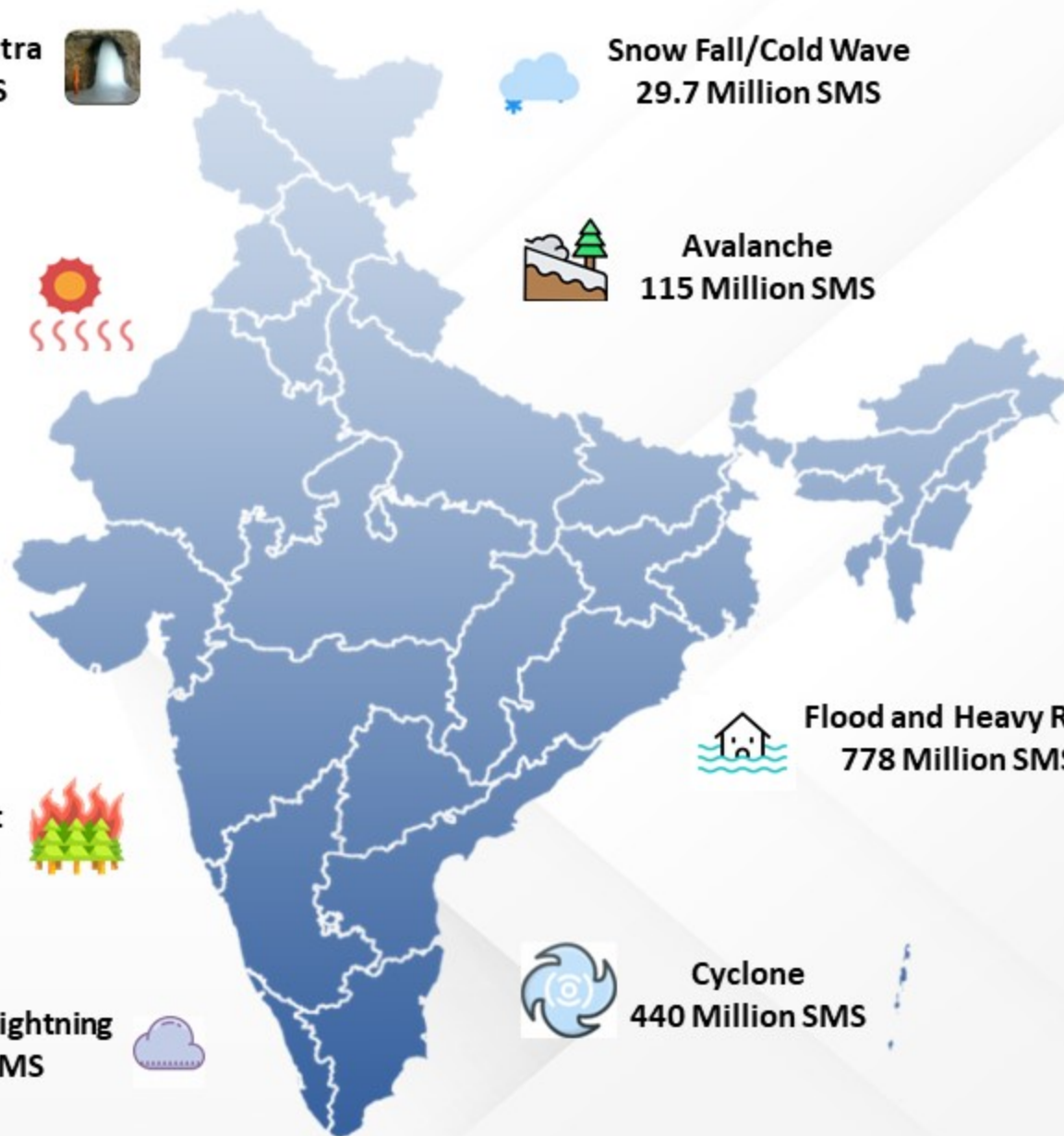
Flood and Heavy Rain
778 Million SMS



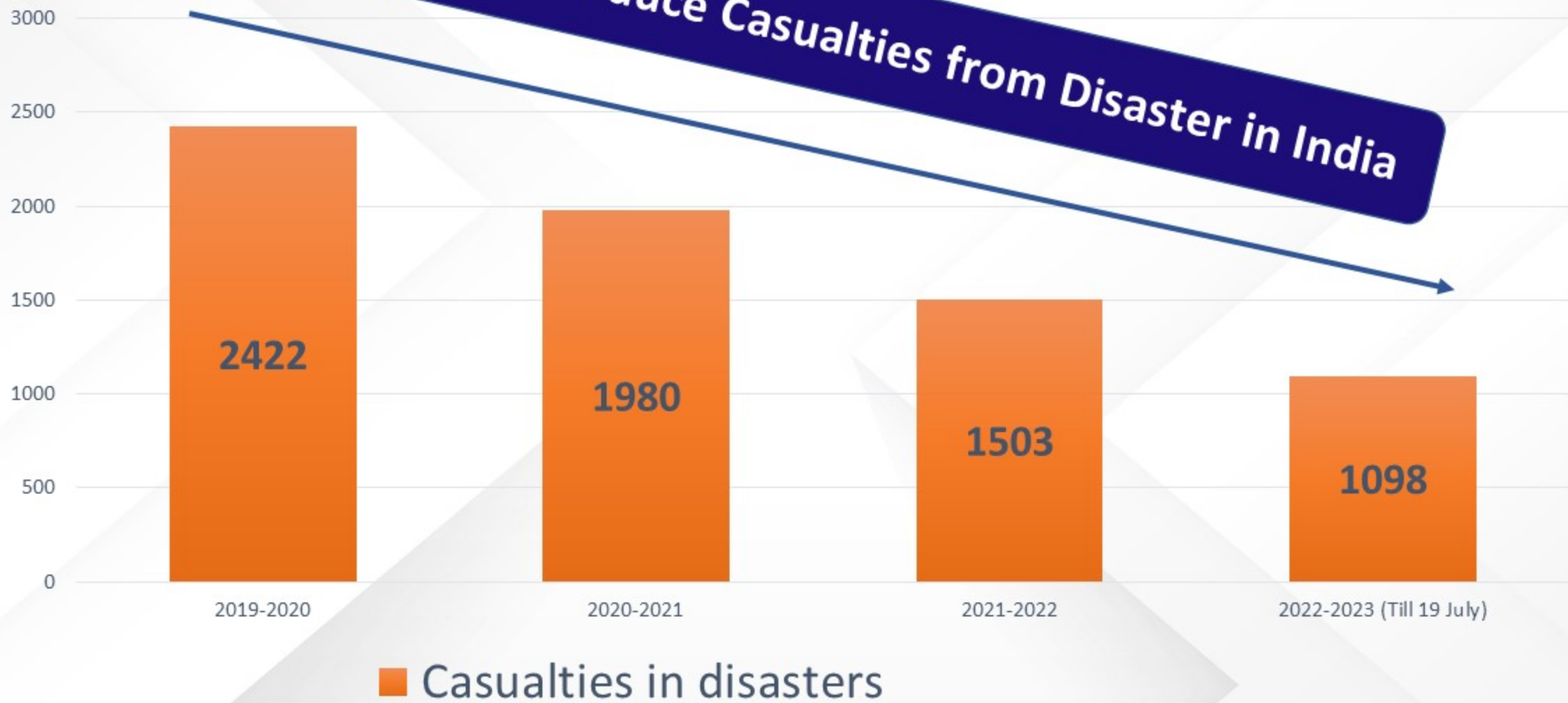
Thunderstorm/Lightning
3.8 Billion SMS



Cyclone
440 Million SMS



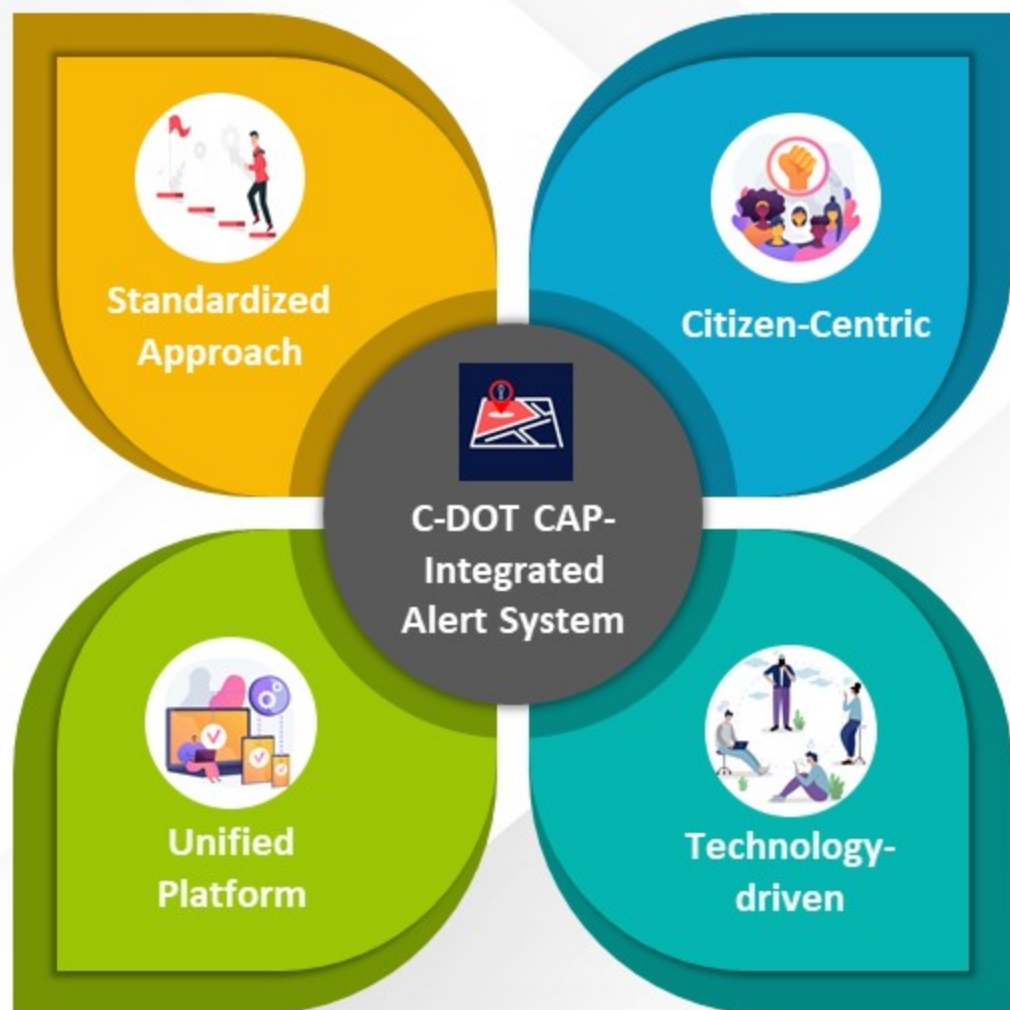
Helping to Reduce Casualties from Disaster in India



Realizing the Initiatives towards Disaster Resilient India

MULTI-MODAL

PLATFORM



Prime Minister's 10 Point Agenda for
Disaster Risk Reduction

Leveraging technology for disaster risk reduction



Early
Warnings
for All



SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

“Connecting the unconnected”



सी-डॉट
C-DOT

Visit us at www.cdote.in

For more information you can reach us at cap.support@cdote.in

Thank You



<https://sachet.ndma.gov.in>



GET IN ON
Google Play

SACHET Disaster Alert APP



Download on the
App Store



SACHET Disaster Alert APP