



EMO

EMERGENCY MANAGEMENT OFFICE
NOVA SCOTIA

BUREAU DE GESTION DES URGENCES
NOUVELLE-ÉCOSSE

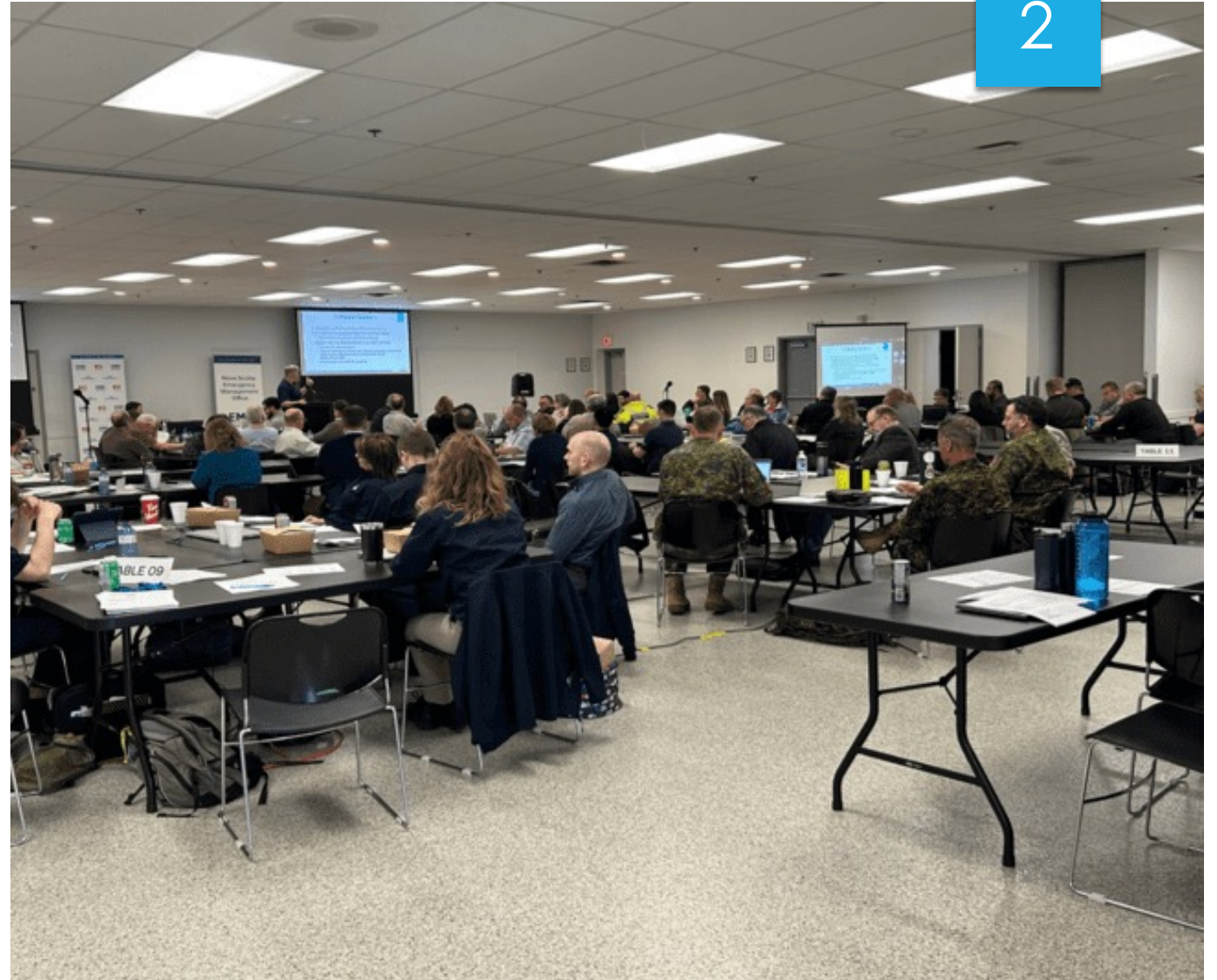
NSEMO coordinates provincial government efforts to plan for and respond to emergencies.

Key Mandate:

- ▶ To enhance Nova Scotians' safety and well-being through innovative, collaborative, and integrated emergency planning and response.

Divisions:

- ▶ Incident Management Division, 911, and the Office of the Fire Marshal.



NSEMO Incident Management Division

NSEMO IMD's business model has four business areas:

- Training & Exercising Branch - Emergency management training & exercising
- Planning & Preparedness Branch - Emergency planning & policy development
- Information Systems Branch - PCC IT Systems, WebEOC, Everbridge, GIS (911 Mapping), and Alert Ready
- Recovery Branch - Disaster Financial Assistance (DFA)

Training and Exercise Support in The Province

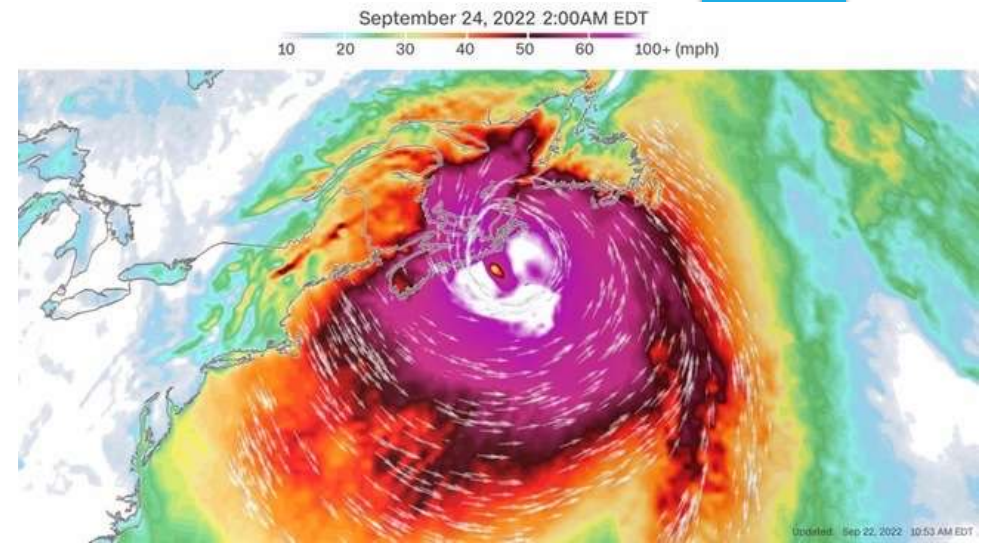
There has been **24 training activities** across the province since April 1, 2023.

7 Preparedness Workshops have been held in the province since April 1, 2023.

NSEMO has organized **9 exercises** within the province since Apr. 1, 2023

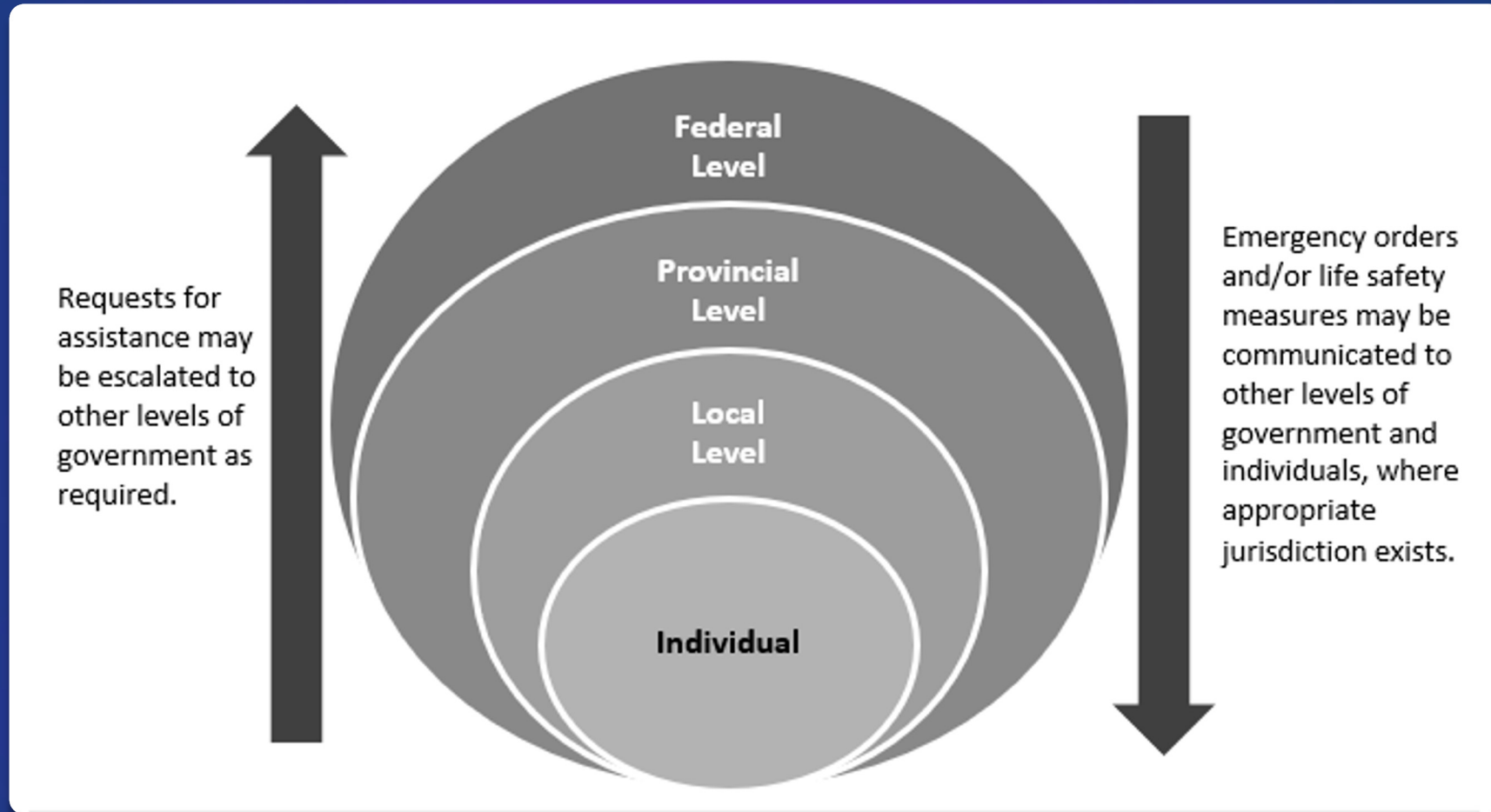


Our province shares the same risks and challenges as many other jurisdictions.



Emergency Response Begins at the Local Level

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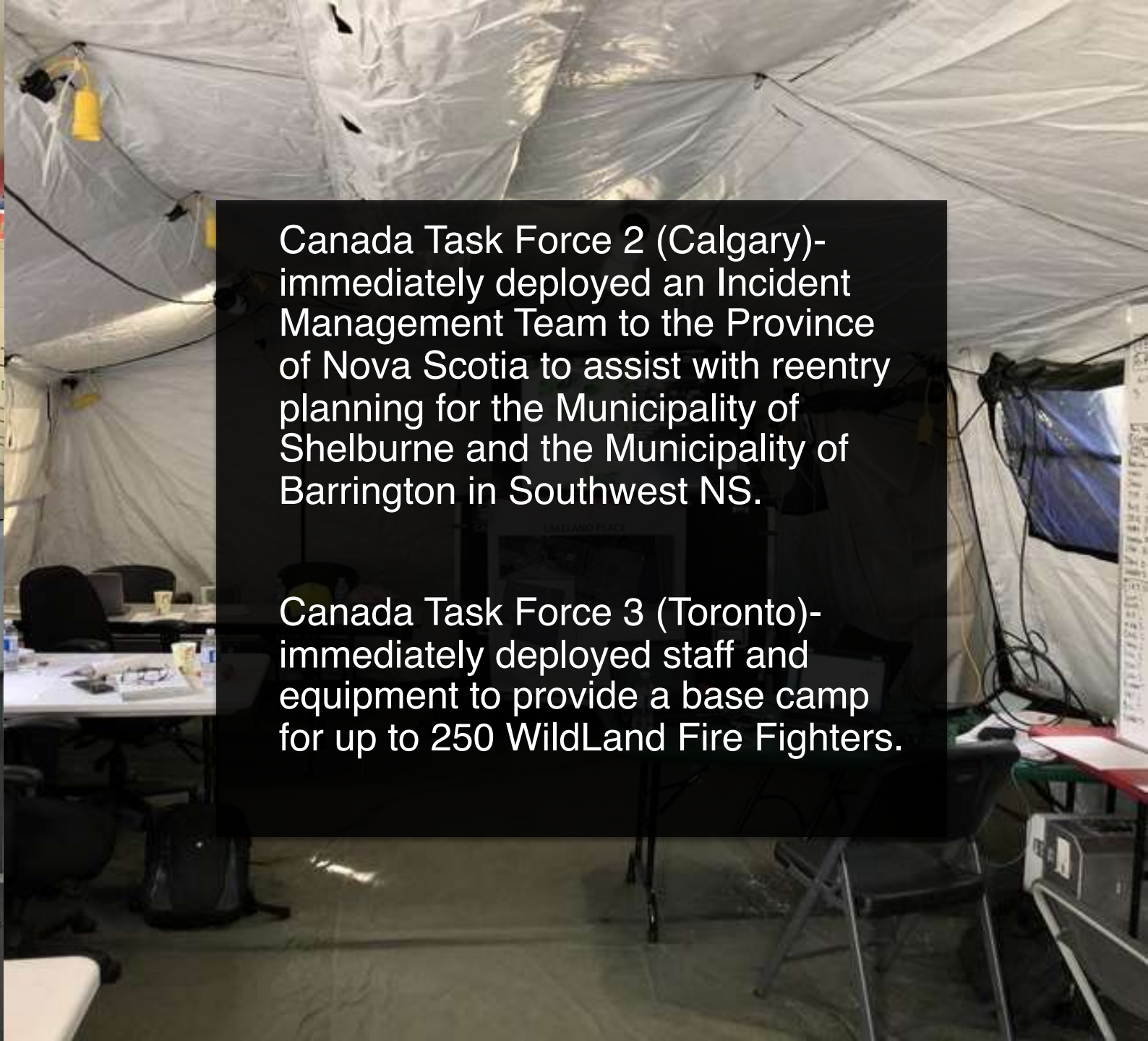


Example of a provincial department requesting assistance from another provincial department.



NS Wildland Fire Teams
Primary Mission – Wildfire Response
Secondary mission - Provide an Incident Management Team (IMT) to support a Whole-of-Gov-Response to civil emergencies.

NS NRR Aviation Services helicopter transporting equipment and personnel during the wildland fire response



Canada Task Force 2 (Calgary)- immediately deployed an Incident Management Team to the Province of Nova Scotia to assist with reentry planning for the Municipality of Shelburne and the Municipality of Barrington in Southwest NS.

Canada Task Force 3 (Toronto)- immediately deployed staff and equipment to provide a base camp for up to 250 WildLand Fire Fighters.

NS Province request for Federal assistance.

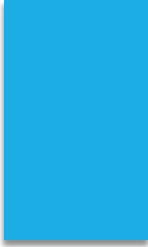


Canadian Coast Guard provided Incident Command Posts (ICPs), fire crew support trailers, and helicopters.



Transport Canada provided their National Aerial Surveillance Program (NASP) aircraft to support assessing damage to roads, bridges, and critical infrastructure.

Wildfires / Hurricane Dorian & Fiona Responses



Federal assistance (Canadian Armed Forces)

NSEMO Provincial Coordination Centre (PCC)

(Coordinate a whole-of-government response)



NSEMO PCC Activations since January 1, 2023

**Provincial
Coordination Centre**

Provincial Coordination Centre

ACTIVATED

LEVEL 1 - MONITORING

- ▶ The PCC was activated for the following events:
 - ❑ 911 System Outage - 1 Operational Period (OP) totalling 8hrs
 - ❑ Extreme Cold Event - 4 OPs total = 48hrs
 - ❑ May Wildfires - 26 OPs total = 285hrs
 - ❑ July Floods - 9 OPs totalling = 91.5hrs
 - ❑ Hurricane Lee - 9 OPs totalling = 103hrs
 - ❑ Post Tropical Storm Philippe - 2 OPs total = 18hrs
- ▶ Total hrs activated: 553.5hrs or 16 weeks

National Public Alerting System

- ▶ Alerts are issued by authorized government organizations including Environment and Climate Change Canada, provincial or territorial governments, and law enforcement.

- ▶ Public Safety Canada and other government officials have developed a specific list of alert types for life-threatening situations:



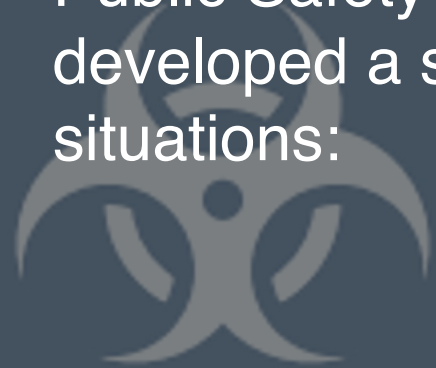
Tornado



Civil Emergency



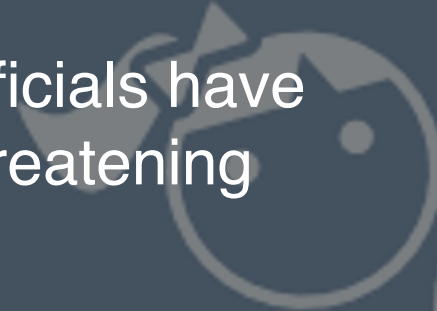
Flooding



Hazardous Substance

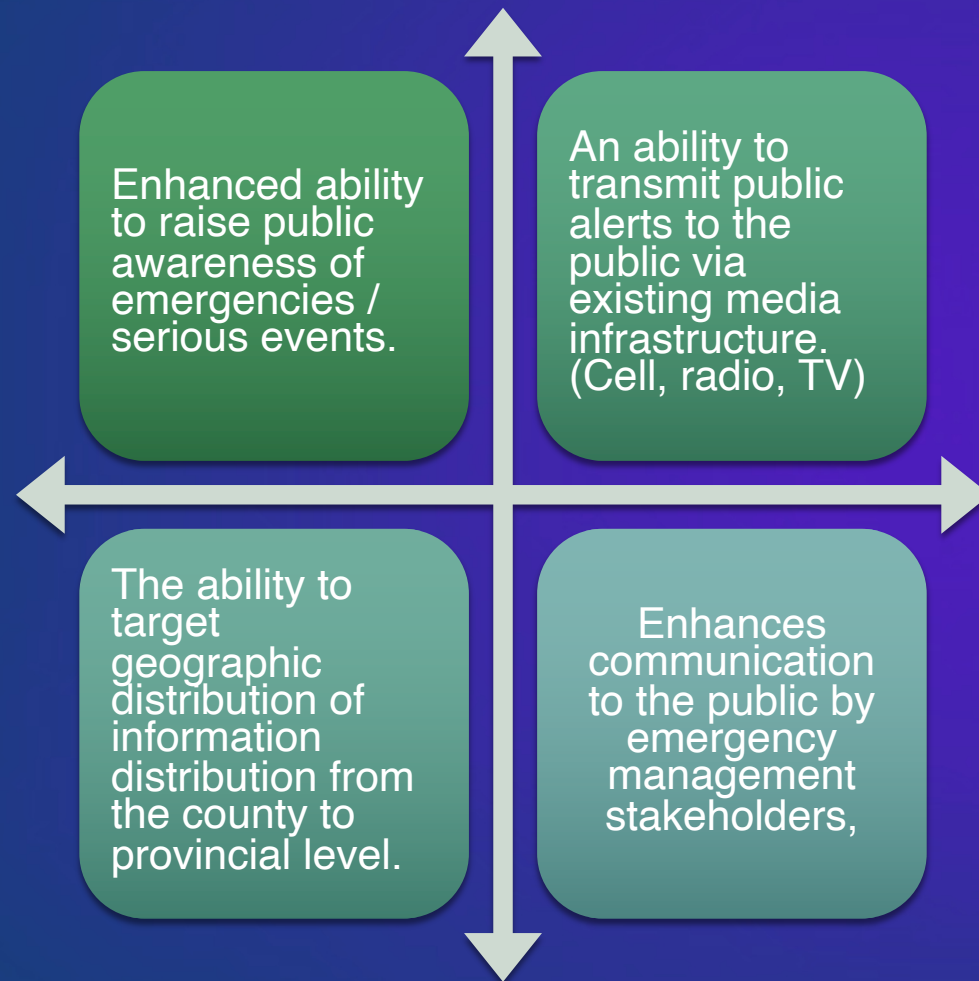


Natural Disaster



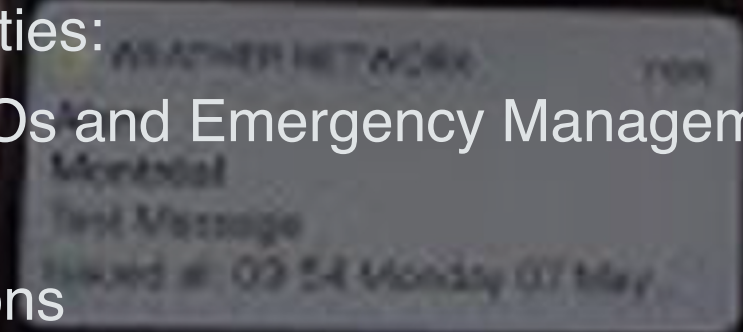
AMBER Alert

Benefits of the National Alert Ready System



Who can request an Alert Ready Message at present?

- Police
 - Only RCMP and Halifax Regional Police have asked for Direct Access for police related matters
- Municipalities:
 - All CAOs and Emergency Management Coordinators (EMCs)
- First Nations
 - Chief or Band Manager
- Provincial Departments
 - Deputy Ministers



Organizations with Direct Access to the Alert Ready system for police related matters.

The following organizations have direct access to the Alert Ready system for police related matters and can send an Alert Ready Message immediately.

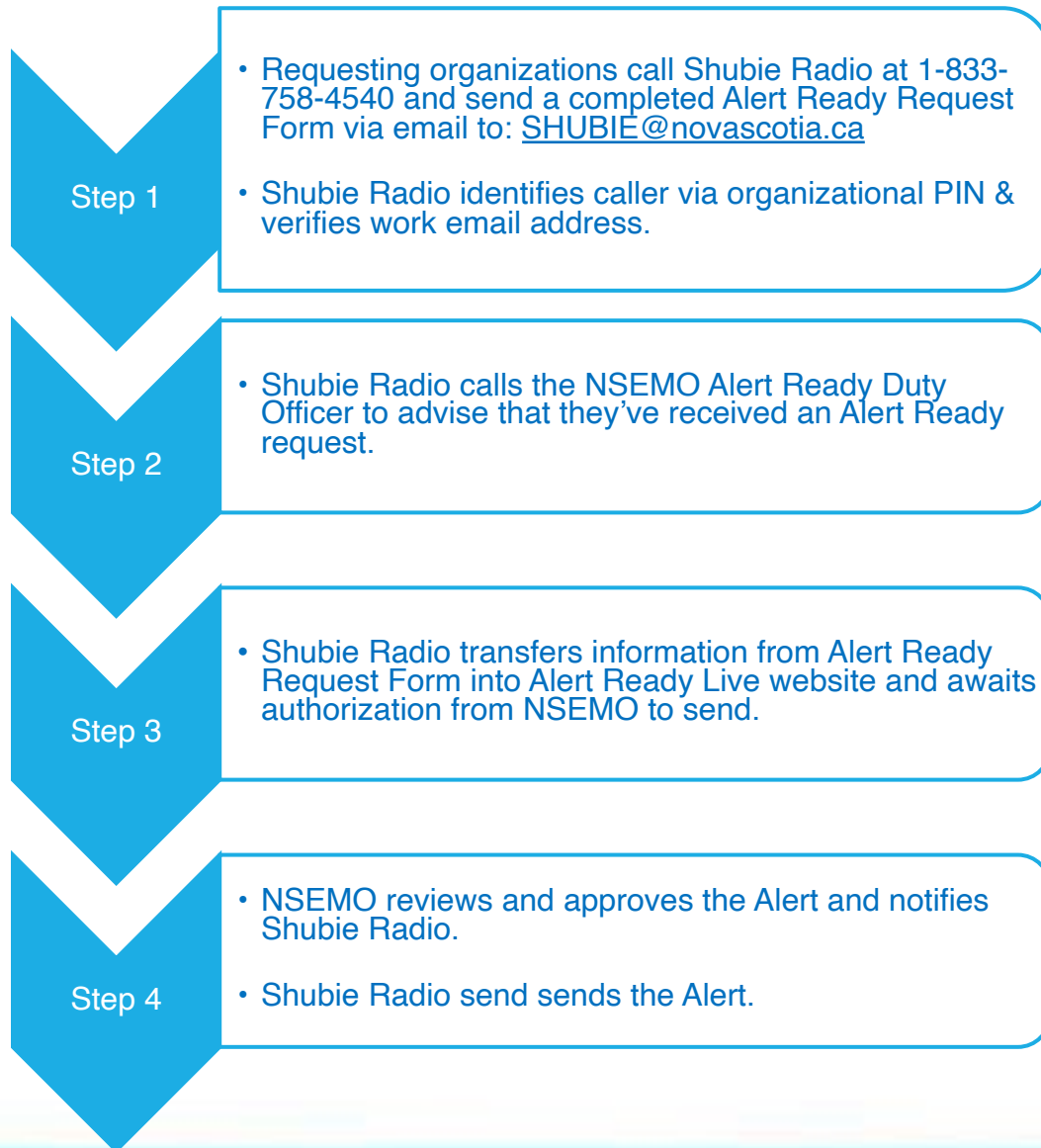


A diagram enclosed in a red border. On the left is a blue arrow pointing right. To its right is a white rounded rectangle with a blue border containing the text: "Those with direct access can send Alerts immediately as required." To the right of this rectangle is a blue rectangle with a white border containing a numbered list:

1. Halifax Regional Police
2. RCMP
3. NSEMO

NSEMO requires a police request and approval before sending an Alert Ready Message for a police related matter.

Process for Organizations without Direct Access to Alert Ready for police and civil matters



At present, who must request?

- Municipalities
 - Via CAOs and EMCs
- First Nations
 - Via Chiefs and Band Managers
- Provincial Departments
 - Via Deputy Ministers
- Police Agencies that have decided not to take direct access and to request via NSEMO for Police related emergencies.
 - Via selected Police Officers

Why NSEMO Chose WebEOC as an Incident Management Software?



48
**State/Provincial
Agencies**



10,000+
Local Jurisdictions



600
Emergency Management
Operations Centres



50+
Federal Departments &
Agencies



42
State Public Health
Agencies



4,600+
Hospitals



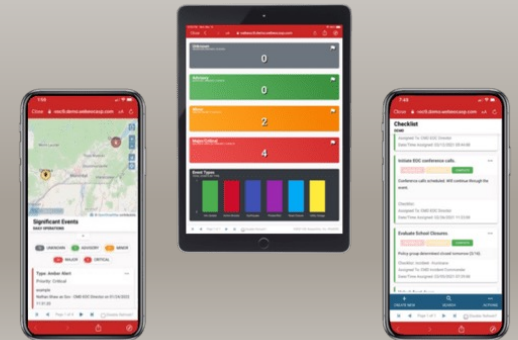
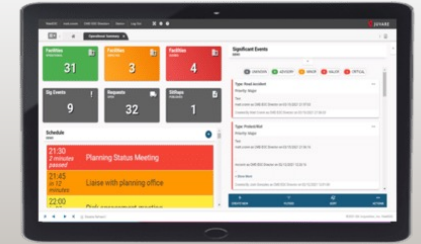
45,000+
Healthcare Facilities



55
Corporations

WebEOC: Turn-key Boards & customizable

- Contacts
- Checklists
- File Library
- Incident tracking
- Incident Action Planning (ICS)
- Request for Assistance (RFAs)
- *Logistics, Inventory & Deployments*
- Situation Reporting
- Damage Assessment
- After Action Reporting/Improvement
- Training and Exercising
- Schedule (Planning “P”)
- Facility Status
- Distribution Sites
- Shelters, Comfort Centres
- Stakeholder Engagement
- Staff Sign In/Out - Incidents
- *Staffing Schedules*
- *Contact Tracing*
- *Project Management*
- *Incident Reports*
- *Critical Infrastructure*



Senior Officials (Expectations)

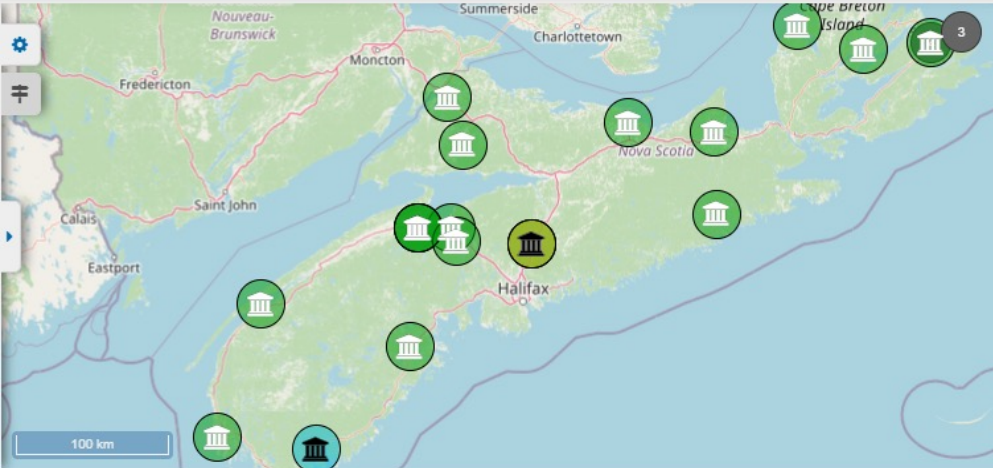
- Higher expectations regarding access to information
- Requesting visuals and live/interactive maps,
- Requesting “real-time” information
- Higher frequency of briefings and SitReps
- Mobile access to information
- Confirming source of information



NSEMO Training & Exercise Dashboard



Training Board



Course Name: All | Host Agency: All

Course	Host Agency	Municipalities Involved
Municipal Elected Officials (MEO)	Antigonish REMO	County of Antigonish
ICS 400	Cape Breton Regional Municipality	Cape Breton Regional Municipality
ICS 400	Cape Breton Regional Municipality	Cape Breton Regional Municipality
ICS 300	Cape Breton Regional Municipality	Cape Breton Regional Municipality



Exercise Board



Exercise Name	Exercise Type	Exercise Lead
PCC Level 3 Workshop	Workshop	NSEMO
Nova Alpha	Workshop	NSEMO
Preparedness Workshop - P-IMT	Workshop	NSEMO
Preparedness Workshop - Provincial Dept & Partners	Workshop	NSEMO
Preparedness Workshop - Victoria & Inverness	Workshop	NSEMO
Preparedness Workshop - Southern Cape Breton	Workshop	NSEMO
Preparedness Workshop - Bridgewater	Workshop	NSEMO

Incident Briefing time!



Using only paper:

- Outdated information before you start briefing
- Staff/resource heavy
- Difficult to find specific information
- Challenges in verifying source/accuracy

NSEMO CI (Water, Sewage, Dams) & Cell Tower Status Dashboards

EMO Critical Infrastructure
2021-03-03 NSEMO Field Incident Reports (2021-2022)

County: (All) Priority: (All) Sector: Water & Wastewater System Sector

Asset Name	Address	County
Westville Wastewater Treatment Plant	1926 Leaf Ln	Pictou
Sandy Point Wastewater Treatment Plant	507 Sandy Point Rd	Shelburne

EMO Critical Infrastructure
2021-03-03 NSEMO Field Incident Reports (2021-2022)

County: (All) Priority: (All) Sector: Dams Sector

Asset Name	Address	County
Annapolis Tidal Plant	236 Prince Albert Rd	Annapolis
Sheet Harbour Hydro System	293 Malay Falls Lochaber Mines Road	Halifax

EMO Cell Tower Status

Tower Name	Location	Tower Owner
261-05277	103 QUEEN ST	Bell Mobility Inc.
7.0112	1482 GEORGE ST	Bell Mobility Inc.
00	5690 SPRING GARDEN RD	Bragg Communications Inc.
00	PURCELLS COVE RD	Bragg Communications Inc.
	BROWNLOW AVE	Bell Mobility Inc.
	LOWER WATER ST	Bell Mobility Inc.

The end, thank you!

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