Introduction to Emergency Management

Response Operations Overview

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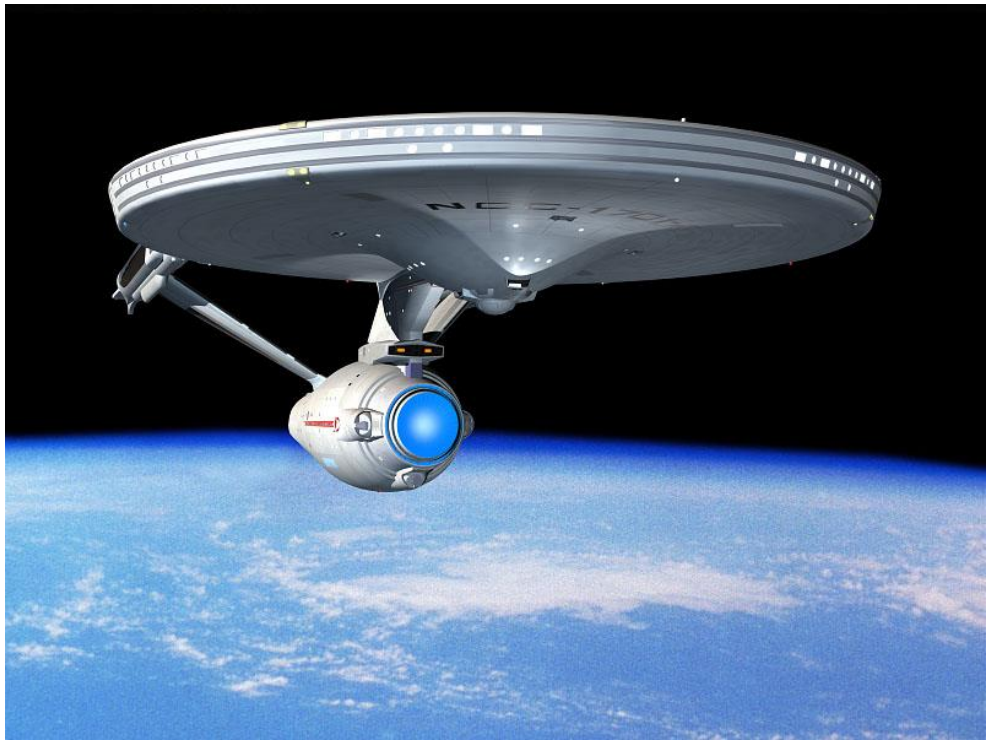
Objectives

- Describe the role of emergency management in response.
- Define the role of the emergency manager in response.
- Describe community lifelines, response priorities and escalation of response.
- Describe the incident stabilization through community lifelines.

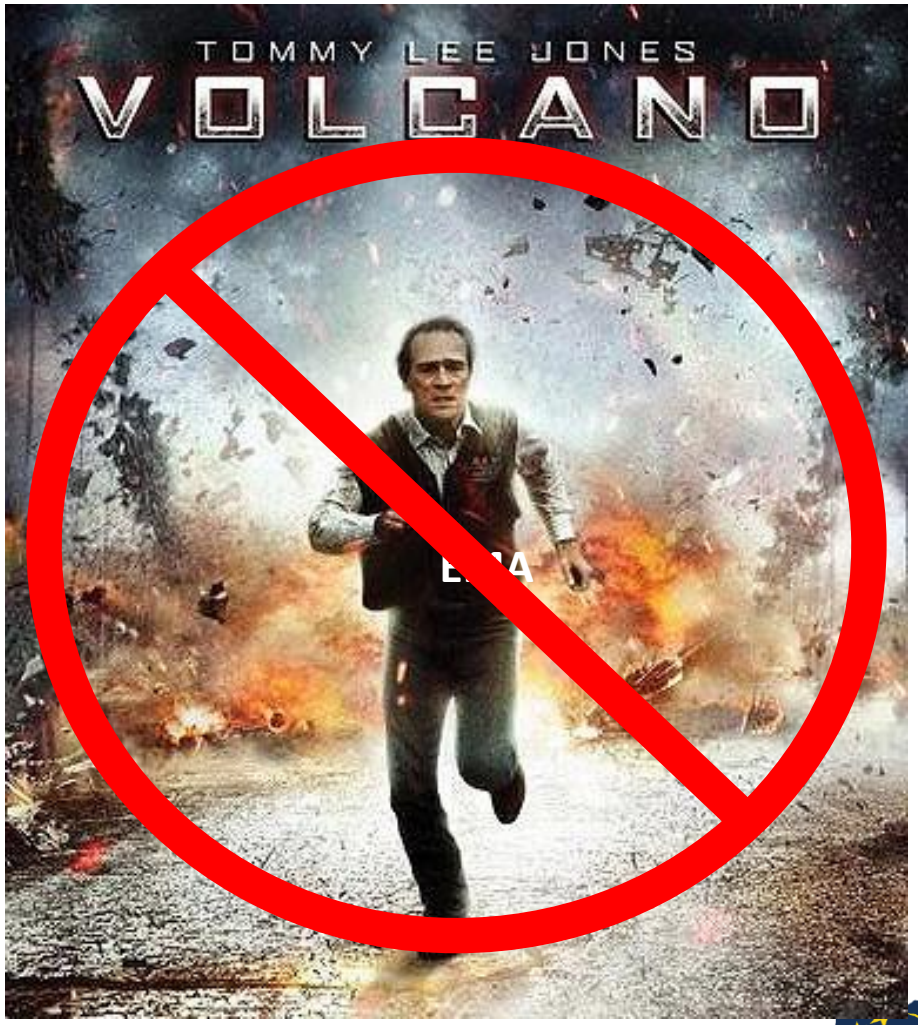
Role of Emergency Management



Emergency Management is an enterprise; an organization of multiple entities in a coordinated effort to address the consequences of an incident.

Role of Emergency Management

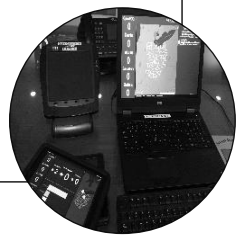
- **Information and resource support and coordination.**
- **Will vary from location to location**
  - **On-site support for incidents and minor events**
- **EOC manager for large-scale events and disasters**
  - **Advises policy/decision-makers**
  - **Coordinates support to response activities**
- **Public Information Officer**



State EOC's Common Operating Picture

- **Awareness reports**
- EOC displays
- **Resource repository**

Products



- **Information requirements**
- **Data input**
- Partner engagement

Processes

- Daily Practice
- Process drills
- Full Scale exercises

Prepared

Awareness Reports

Steady State Advisories

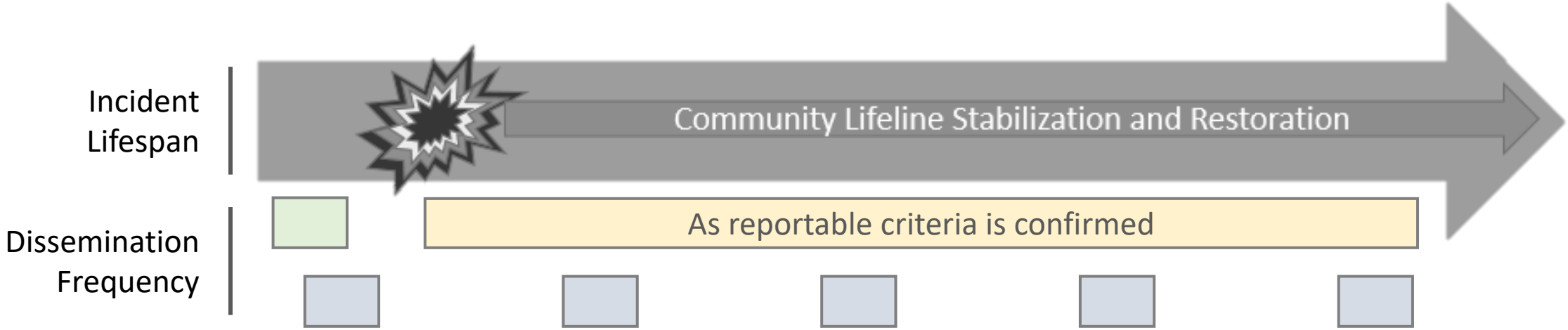
- Identified hazards
- 24 – 72 hours ahead
- All partners

SPOT Reports

- Incident of interest
- As identified
- Flexible

Situation Report

- Ops. Period Activities
- End of Ops. Period
- All partners



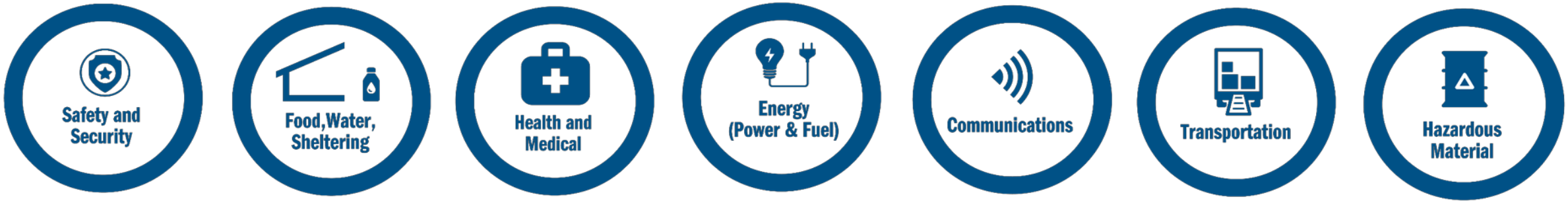
State Operational Priorities

Operational priorities are a hierarchy to aid decision-makers when allocating resources and establishing objectives. (*Ohio EMA definition*)

(1) Life safety (*NIMS*) and health (*EMAP*)
(2) Incident stabilization (*NIMS*) / Lifeline restoration (*FEMA*)
(3) Property/Environmental preservation (*NIMS and EMAP*)
(4) Restoration of essential program functions (*EMAP*)
(5) Coordination among appropriate stakeholders (*EMAP*)

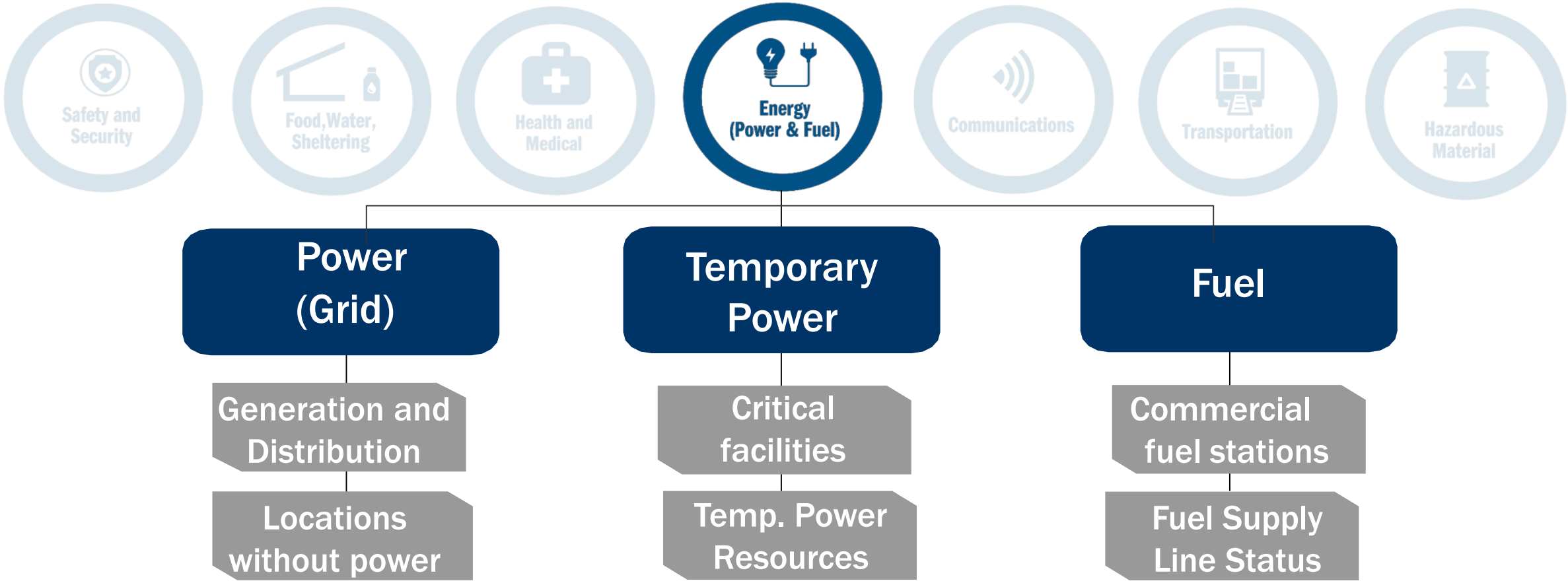
Operational priorities are unlikely to change.

Community Lifelines Defined

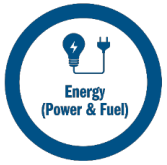


A lifeline enables the continuous operation of ***government functions and critical business***, and ***is essential to human health and safety or economic security***.

Community Lifelines Defined



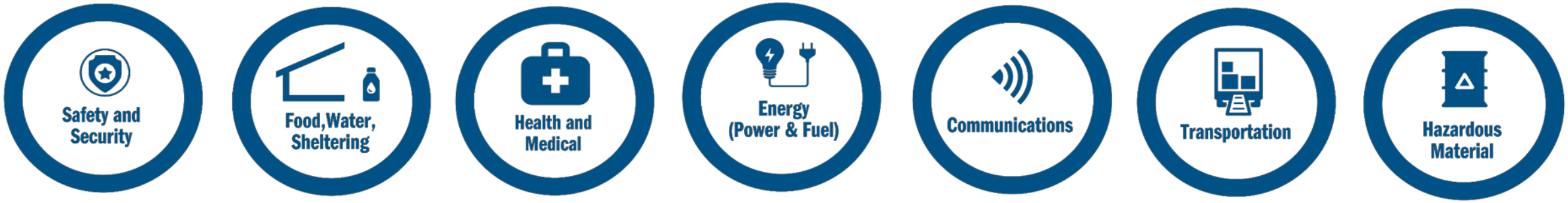
Community Lifelines Defined



ENERGY (POWER & FUEL) COMPONENTS AND SUBCOMPONENTS

Power (Grid)	Temporary Power	Fuel
▪ Status of electrical power generation and distribution facilities ▪ Number of people and locations without power ▪ Estimated time to restoration of power ▪ Number of electrically dependent persons (e.g., medical equipment) affected ▪ Status of nuclear power plants ▪ Status of nuclear power plants within 10 miles ▪ Status of natural gas and fuel pipelines in the affected area	▪ Status of critical facilities ▪ Availability of temporary power resources	▪ Status of commercial fuel stations ▪ Responder fuel availability ▪ Status of critical fuel facilities ▪ Status of fuel supply line

Incident Stabilization

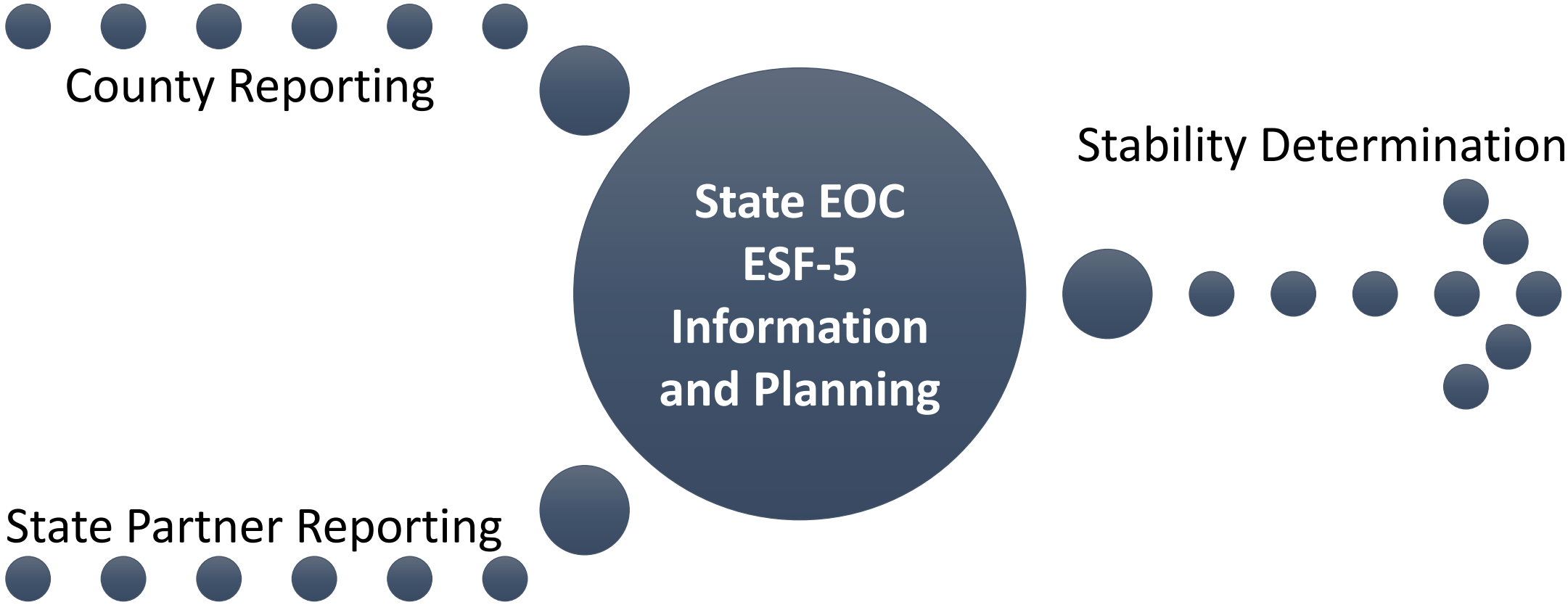


The lifeline construct is used to focus response actions (Lines of Effort) on incident stabilization; thus the expected outcome is to stabilize all impacted lifelines

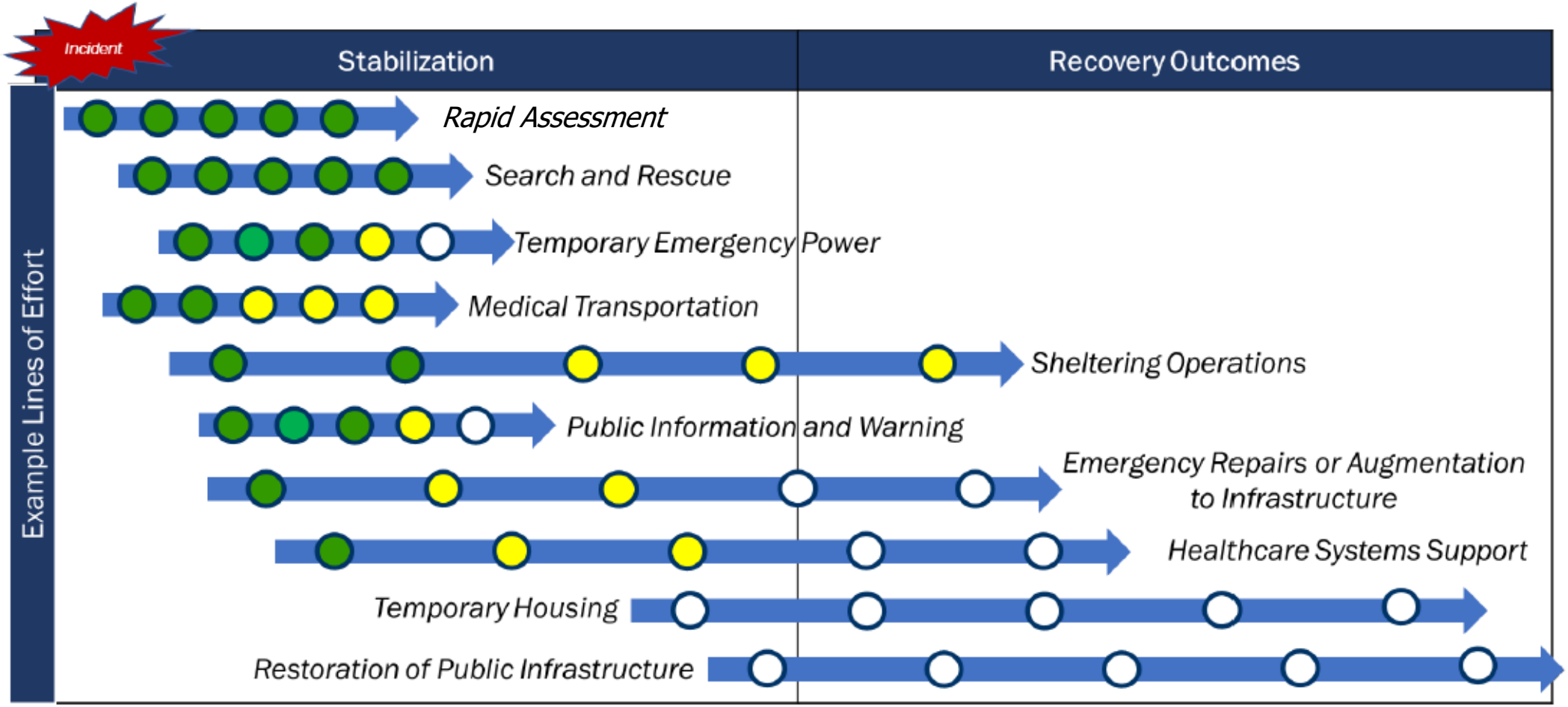
Incident Stabilization / Restoration

- **Incident destroys the cell towers within jurisdiction.**
  - **Stabilization?**
  - **Restoration?**

Determination of Stability

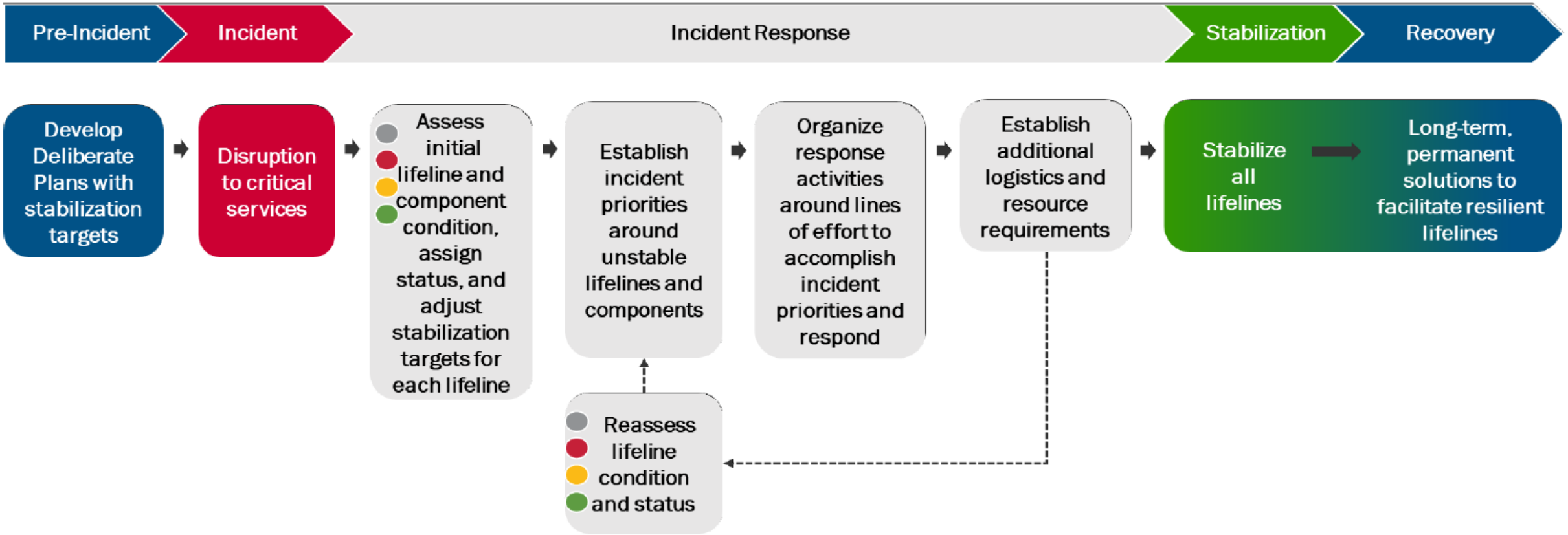


Response



KEY:

Plan & Respond with Lifelines in Mind



Resource Coordination

What is a resource?

- Something that can be used to support or assist a responding entity
- An available supply that can be drawn on when needed
- Preferably, something that is identified in advance of need.

Escalation of Response

- Local Response
  - Local jurisdiction (village, city, public water supply, mobile home park owner)
  - County
  - Mutual Aid
- State Response
  - Response under statutory authority
  - Disaster Proclamation
    - Expanded state response
- Federal Emergency/Disaster Declaration
  - Federal Emergency Response

Local Response

- Local jurisdictions response through fire, law enforcement, emergency medical, etc.
- Regional mutual aid
- Use of public/private partnerships
- State-wide mutual aid systems
  - Fire Response Plan
  - Law Enforcement Response Plan
  - Intrastate Mutual Aid Agreement (IMAC)

Resource Requests

Requesting Assistance from the State

- Request must be officially submitted.
  - Initially through verbal communications. Relationship with County EMA
- When requesting assistance, indicate what you're trying to accomplish, not specific equipment.
  - Yes: I'm trying to remove 3000 cubic yards of mixed debris from a residential area.
  - No: I need three backhoes, and two dump trucks.

Resource Coordination

The Cost of a Resource

- Costs associated with a resource are often overlooked by the requesting entity.
- If Local EMA requests it, they are responsible to pay or transfer the cost to the requesting entity.
- If the state requests it on your behalf and it has a cost, you may be responsible for the bill.

State Support to Response

On-site technical assistance from the State

- Ohio EMA's Regional staff are a resource to support the county's response.
  - Limited staffing means prioritized interaction
  - Maximize coverage with existing staffing.
- Ohio EMA Regional staff can assist you with:
  - Optimizing your EOC
  - Navigating information needs and management
  - Shepard requests to state

Your Next Steps

As local government officials:

- Assess your jurisdiction's response capabilities
- Identify and assess your jurisdiction's system of plans.
- Identify your planning partners.
- Determine your jurisdiction's plan development cycle.
- Identify plan development resources.

Local Government

- **Educate your governing body**
- - Discuss what you learned in training today with other local officials
- - Schedule "*Role of Local Officials in Disasters"* training - Attend state or federal trainings for Damage Assessment, Incident Command, Recovery Operations, Mitigation Planning, etc.
    - *Trainings can be requested through your County EMA from the State*
- **Prepare your jurisdiction for disasters or emergencies**
- - Become familiar with local emergency plans and the County's Emergency Operations Plan
- - Join the County Planning Team to review and revise emergency response plans
- - Become familiar with critical infrastructure in your jurisdiction
- - Provide outreach services to help prepare citizens for disasters or emergencies

Help/Educate Your Citizen to Prepare

- **Promote Personal Preparedness**
- Ready.gov
- September National Preparedness Month
- Signup for Severe Weather Information on Phone Apps
- Provide your citizens information before a weather or special event
- Discuss importance of insurance
- Importance of personal emergency funds
- MANAGEMENT OF CITIZEN EXPECTATIONS (i.e, Outdoor warning sirens aren't designed to be heard in doors.)

Summary

Can you now:

- Describe the role of EM in response?
- Do you know your responsibilities in an emergency?
- Understand the community lifelines, response priorities and escalation of response?
- Describe incident stabilization?
- Describe the escalation of emergency response?

Ohio EMA's Regional Operations

www.ema.ohio.gov

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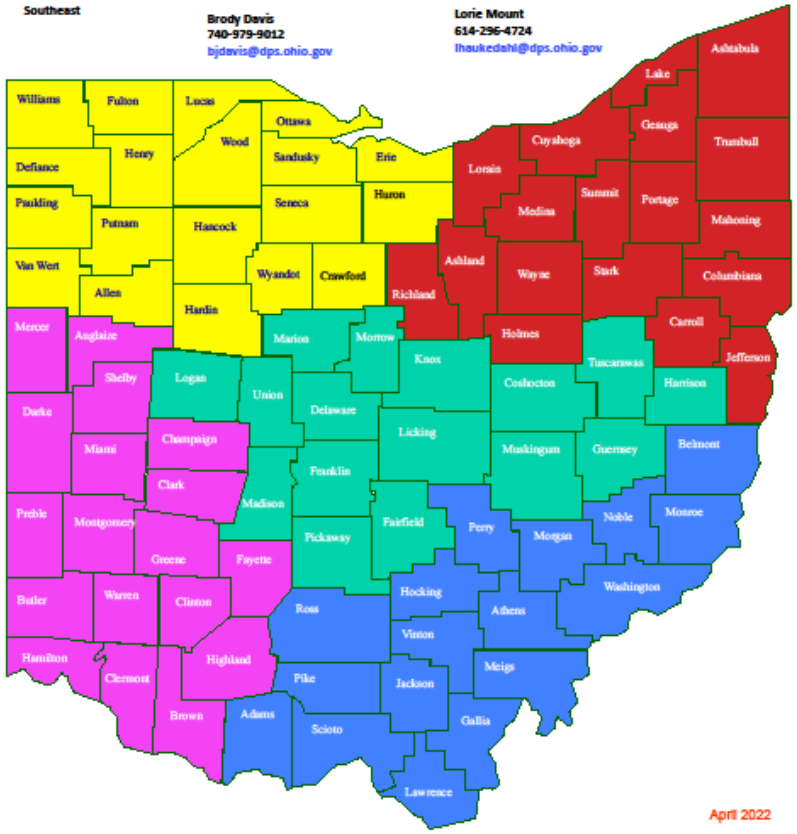

April 2022

Columbiana County Train Derailment

By the Numbers…

- **According to the Federal Railroad Administration, Norfolk Southern Railway had the most derailments of all railroad companies in Ohio from 2019 through 2022, with 67 accidents total – 22 in 2019; 18 in 2020, 15 in 2021 and 13 in 2022.**

- According to the US Department of Transportation, Norfolk Southern had 589 derailments between January to November of last year. Union Pacific had 1,338 derailments while BNSF Railway Company had 1,053 in the same time period.

How does Ohio fit in…

- Ohio is one of the top four states as far as train derailments, with 128 derailments between 2018 through 2021, according to data from the US Department of Transportation. The damage was estimated for the four years was $548,008,538.

East Palestine, Ohio

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