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Seneca County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update
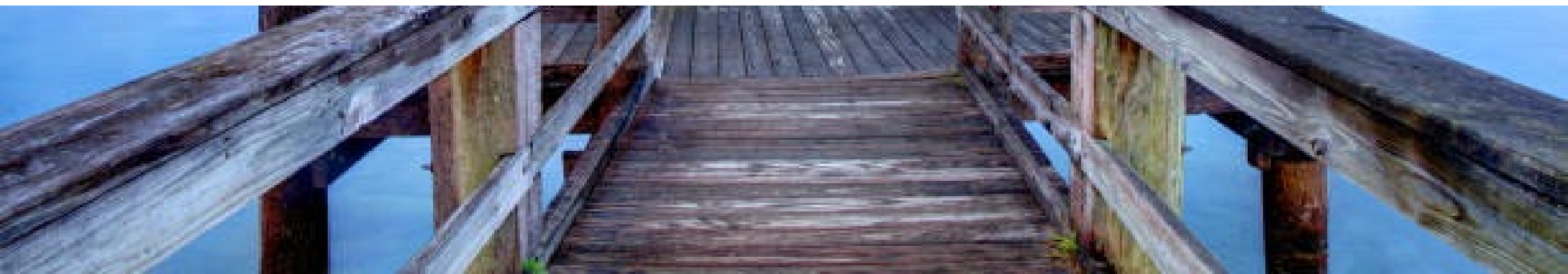
Steering Committee Kick-Off Meeting

November 2, 2023

While waiting for the meeting to start, please enter your name, title, and department/agency in the chat.

Today's Agenda

1. Welcome and Introductions
2. Hazard Mitigation Planning Overview
3. Project Organization
4. Steering Committee Responsibilities
5. Planning Process Overview
6. Schedule
7. Questions/Next Steps/Wrap Up

Hazard Mitigation Overview

Mitigation planning happens <u>before</u> a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Seneca County.

Hazard Mitigation Planning Overview

- ✓ **Authorized by the Disaster Mitigation Act of 2000**
- ✓ **Provides an overview of the impacts of natural hazards on communities**
- ✓ **Provides a roadmap to reducing the impact of these hazards**
- ✓ **Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding**
- ✓ **5-year updates required to maintain eligibility**

- **What is hazard mitigation?**
- **Why update the plan?**
- **What is the process?**

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What is Hazard Mitigation?

Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

-or-

Any action taken to reduce future disaster losses

"provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability…" (CFR).

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Why Update?

- The mitigation plan update will:
  - Help prepare for and mitigate hazards
  - Eligibility for pre- and post-disaster mitigation funding
  - Incorporate new FEMA requirements
- What is at risk in Seneca County?
- Which hazard do you think occurred the most since 2018?

January 2018 – July 2023	
Hazard	**Occurrences**
Blizzard	0
Extreme Cold, Cold/Wind Chill	1
Drought	0
Heat, Excessive Heat	0
Flood/Flash Flood	5
Hail	0
Heavy Rain	0
Hurricane/ Tropical Storm/ Tropical Depression	0
Lightning/ Thunderstorm	12
Tornado/Funnel Cloud	0
Wind	3
Winter Weather	9
Wildfire	0
TOTAL	**30**

Source: NOAA NCEI Severe Weather Inventory 2023

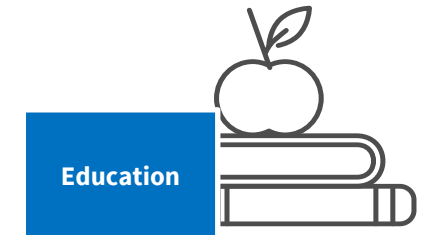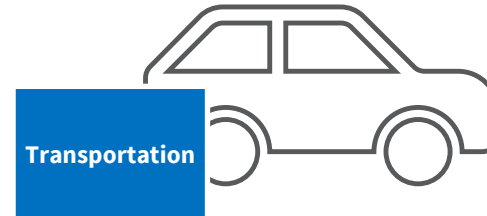TETRA TECH

Differences from the 2018 Planning Process

- Involvement – engaged and actively participating
- Public and stakeholder outreach
- Socially vulnerable and underserved communities
- Climate change
- Mitigation actions for every hazard of concern

Defining Social Vulnerability

- Social vulnerability is the likelihood of an individual, community, or group to be negatively affected by external stressors which create barriers to adequately being able to prepare for, respond to, and recover from an emergency or disaster.

- The same disaster can impact different populations in different ways.

- The ability of an individual or community to withstand and recover from hazards is critical to overall community resilience.

- *What groups can we identify that we should be reaching out to during this planning process?*

Health

Social Inclusion

Transportation

Education

Food Security and Access

Mobility

Project Organization

Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.

Project Organization

Core Planning Team

Seneca County Office of Emergency Management, Tetra Tech

Steering Committee

Planning Partnership
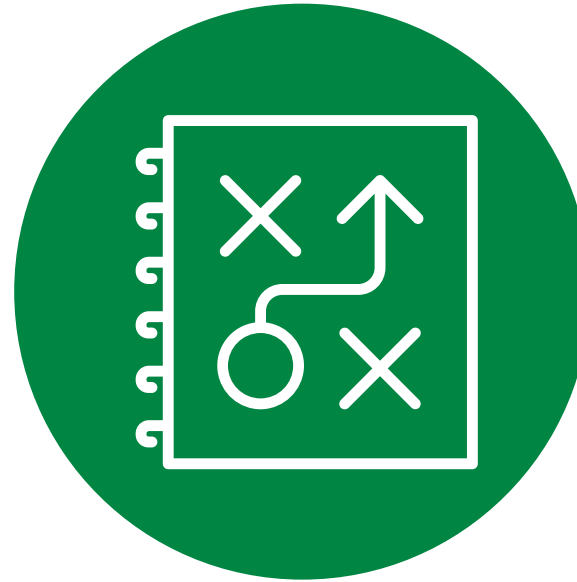
Stakeholders
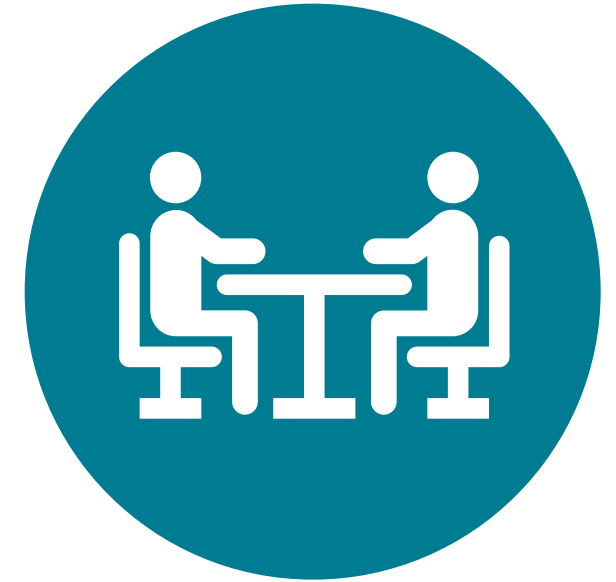
NYSDHSES and FEMA

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Steering Committee Role and Responsibilities

Provide Guidance and Leadership

Oversee the Planning Process

Act as Points of Contact for Planning Partners and Stakeholders
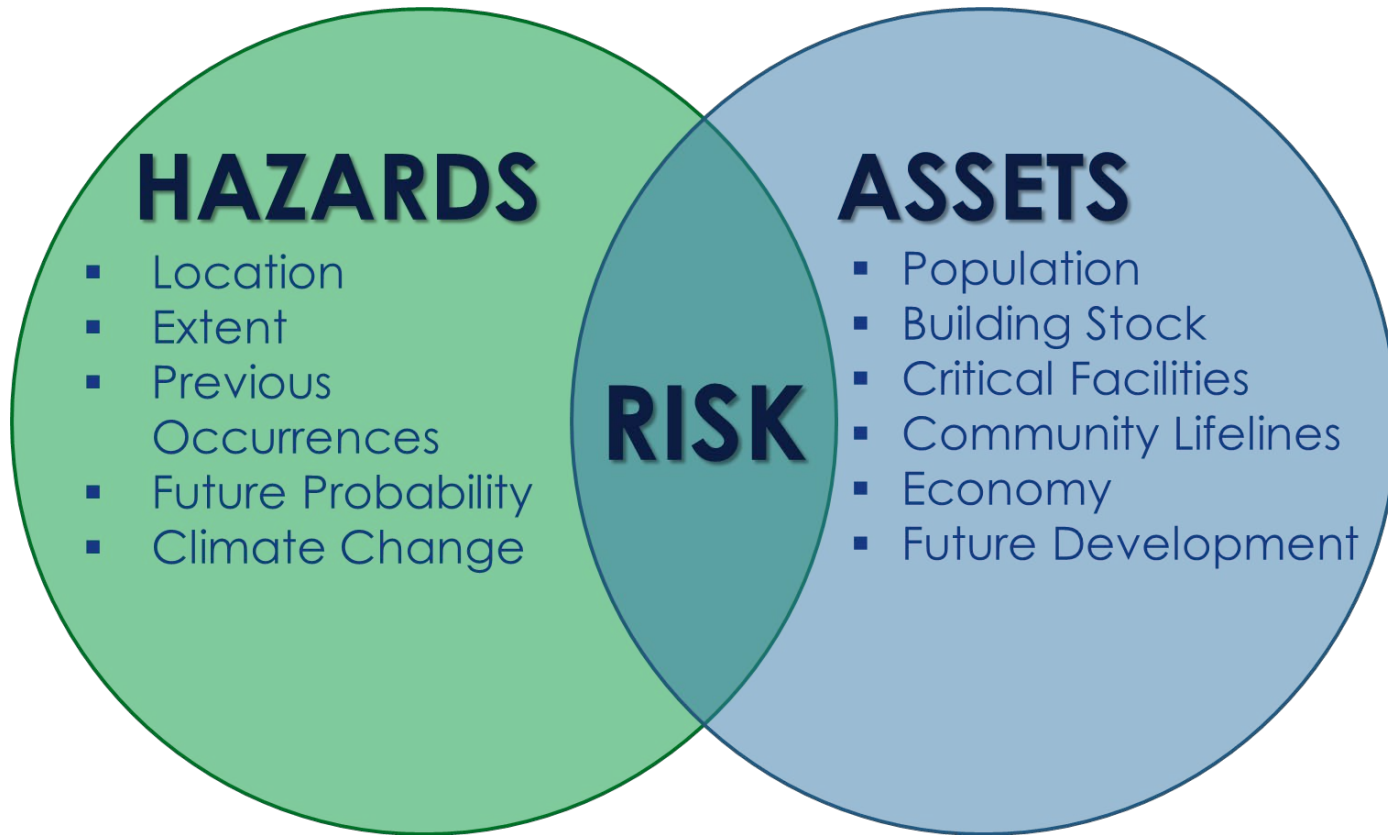
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Planning Process Overview

A well-defined planning process is <u>essential</u> to the success of Seneca County's HMP Update.

Planning Process Overview

1 Planning Process

2 Risk Assessment

3 Public Involvement Strategy

4 Mitigation Strategy

5 Plan Maintenance

6 Plan Update and Deliverables

7 Plan Adoption

8 Project Management and Coordination

Update Risk Assessment

HAZARDS
- Location
- Extent
- Previous Occurrences
- Future Probability
- Climate Change

RISK

ASSETS
- Population
- Building Stock
- Critical Facilities
- Community Lifelines
- Economy
- Future Development

- Update Assets
- Examine Previous Impacts
- Analyze Risks
- Review with Steering Committee
- Risk Assessment Meeting

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Hazards of Concern

Dam Failure

Drought

Earthquake

Extreme Temperature

Flood

Landslide

Severe Storm

Severe Winter Storm

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Critical Facilities and Community Lifelines

- **Critical Facilities** provide essential services to the community, especially before, during, and after a disaster.

- **Community Lifelines** provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.

Communications | Energy (Power & Fuel) | Food, Hydration, Shelter | Hazardous Materials | Health and Medical | Safety and Security | Transportation | Water Systems

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

Critical Facilities and Community Lifelines

Safety and Security
- Correctional
- Dam
- Daycare
- EOC
- Fire/EMS
- Government / Municipal Hall
- Historic Sites
- Library
- Military
- Police
- School

Food, Hydration, Shelter
- Shelter
- Grocery Stores
- Food Distribution Centers

Health and Medical
- Medical
- Senior Care Facilities

Energy
- Electric Substation
- Power Lines

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Critical Facilities and Community Lifelines

Communications
- Communication Towers

Transportation
- Airport
- County Roads
- State Highways
- Light Rail
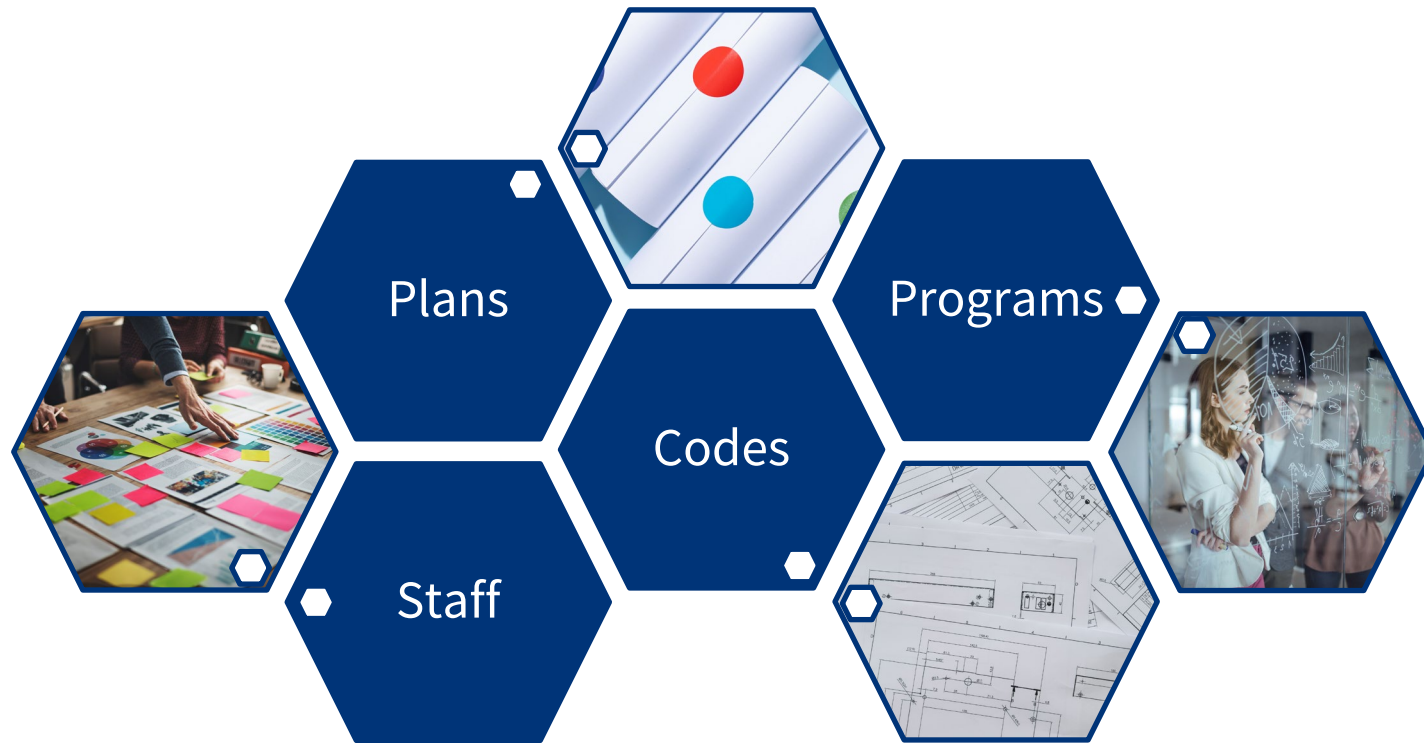- Intermodal Transit

Hazardous Materials
- Tier Facilities
- Chemical

Water Systems
- Potable Pump Station
- Wastewater Pump
- Wastewater Treatment Plant
- Water Tower
- Potable Well

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Capability Assessment

- Capabilities
  - What do the County and municipalities use to reduce risk to hazards?
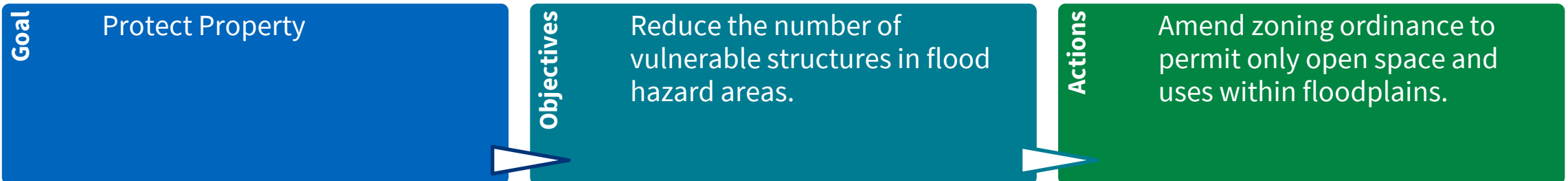
Mitigation Strategy

- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce hazard risk?
- Action Plan
  - How will the actions be prioritized and implemented?

Goals

Actions

Action Plan

2018 Goals and Objectives

Goal Number	2018 Goal
G-1	Improve life safety and damage prevention by strengthening the relationship between emergency services and hazard mitigation programs
G-2	Emergency Services Improvements
G-3	Natural Hazards Public Education

Goal: Protect Property

Objectives: Reduce the number of vulnerable structures in flood hazard areas.

Actions: Amend zoning ordinance to permit only open space and uses within floodplains.

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2024 Proposed Goals and Objectives

Goal #	2024 Goal	Objective
G-1	Coordinate hazard mitigation programs that affect the County.	1.1: Develop and maintain multi-jurisdictional coordination efforts related to hazard mitigation.
		1.2: Develop and maintain partnerships with external federal, state, municipal, and stakeholder agencies that have a role in hazard mitigation.
		1.3: Track and/or recommend local, county, state, and federal legislation and regulations related to hazard mitigation.
G-2	Prevent hazards from impacting life, property, and the environment.	2.1: Develop and maintain local regulations that reduce vulnerability to hazards.
		2.2: Develop and maintain local plans that reduce vulnerability to hazards.
		2.3: Improve the county's stormwater management systems.
G-3	Protect life, property, and the environment from hazard impacts.	3.1: Encourage homeowners, renters, and businesses to insure their properties against all hazards, including flood coverage under the National Flood Insurance Program (NFIP).
		3.2: Acquire, relocate, elevate, and/or retrofit existing structures located in hazard areas.
		3.3: Acquire, relocate, elevate, and/or retrofit repetitive loss properties from flood-prone areas.
		3.4: Encourage local participation in the Community Rating System (CRS) Program.
		3.5: Maintain emergency response capability.

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2024 Proposed Goals and Objectives

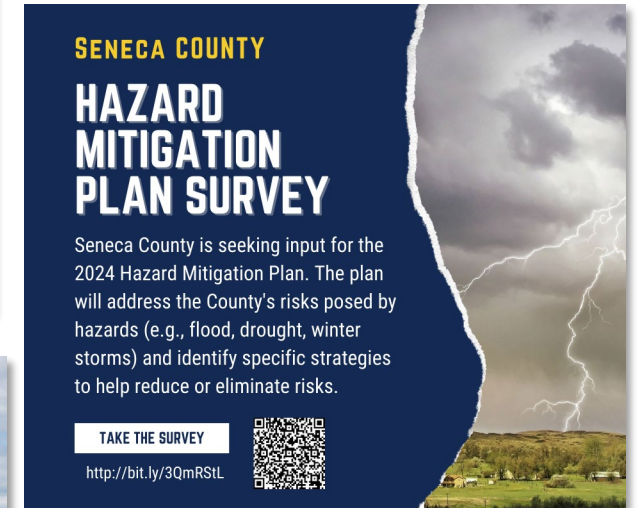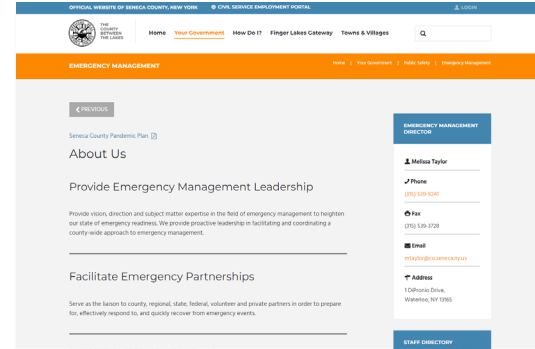| Goal #	2024 Goal	Objective
G-4	Increase public awareness of hazards, their impacts, and ways to reduce vulnerability.	4.1: Improve public alert, warning, and communications systems by promoting redundant and multi-faceted communications methods.
		4.2: Conduct a coordinated public information program related to hazards and their impacts throughout the county.
		4.3: Encourage residents to implement hazard mitigation and preparedness measures on their properties.
		4.4: Promote personal and family preparedness
G-5	Protect, preserve, and restore the functions of natural systems.	5.1: Encourage the use of green and natural infrastructure.
		5.2: Coordinate with local, county, state, federal, international, and other stakeholder agencies to maintain natural systems, including wetlands, parks, and riverine and coastal areas.
G-6	Address Long-Term Vulnerabilities from High Hazard Dams	6.1: Ensure dam infrastructure is maintained
		6.2: Ensure Emergency Action Plans are developed and updated
		6.3: Support the identification and access to funding to repair/replace dams

Public Outreach Strategy

- Public Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials

- Surveys
  - Stakeholders
  - Neighboring communities
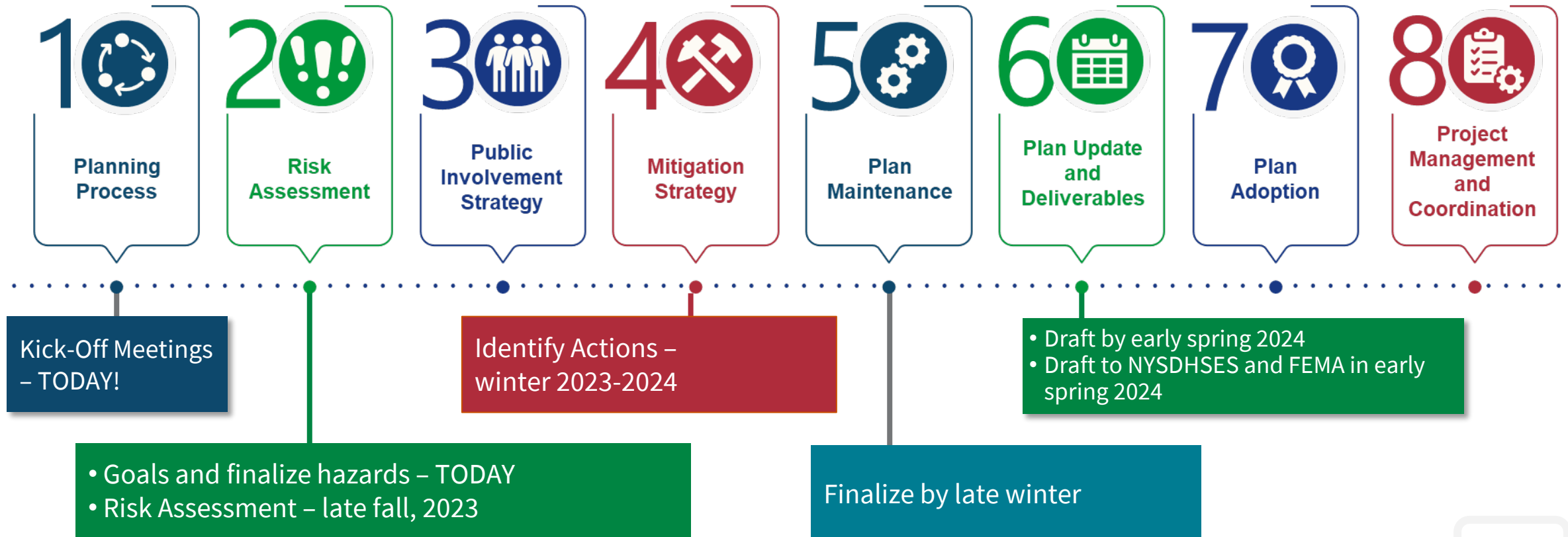 - Public

- County Website

- StoryMap

Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

Schedule

1 Planning Process

2 Risk Assessment

3 Public Involvement Strategy

4 Mitigation Strategy

5 Plan Maintenance

6 Plan Update and Deliverables

7 Plan Adoption

8 Project Management and Coordination

Kick-Off Meetings – TODAY!

- Goals and finalize hazards – TODAY
- Risk Assessment – late fall, 2023

Identify Actions – winter 2023-2024

Finalize by late winter

- Draft by early spring 2024
- Draft to NYSDHSES and FEMA in early spring 2024

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Questions?

Seneca County Project Contact

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Thank You!

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