

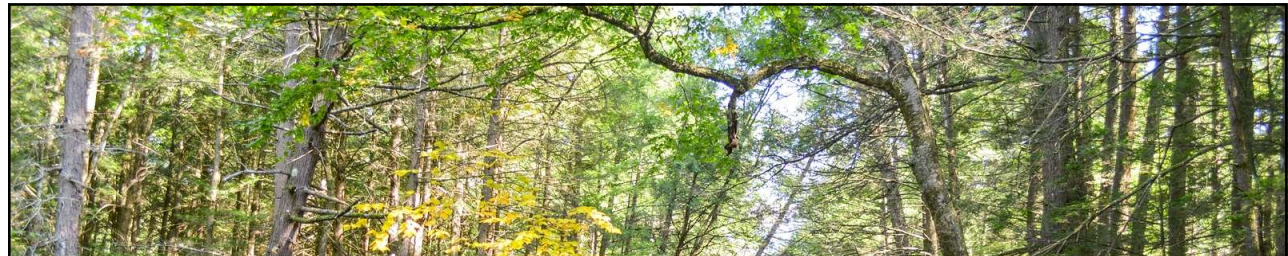


# Sussex County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

Planning Partnership Kick-Off Meeting  
March 15, 2023 | 11:00 am

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

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## Today's Agenda

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




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## Hazard Mitigation Overview

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

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## 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 Sussex County?
- Which hazard do you think occurred the most since 2021?
  - Scan this code to vote!

January 2021 – December 2022	
Hazard	Occurrences
Blizzard	0
Extreme Cold, Cold/Wind Chill	0
Drought	0
Heat, Excessive Heat	0
Flood/Flash Flood	1
Hail	1
Heavy Rain	0
Hurricane/ Tropical Storm/ Tropical Depression	1
Lightning/ Thunderstorm	28
Tornado/Funnel Cloud	0
Wind	0
Winter Weather	24
Wildfire	0
<b>TOTAL</b>	<b>55</b>

Source: NOAA NCEI Severe Weather Inventory 2022

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## Differences from the 2021 Planning Process



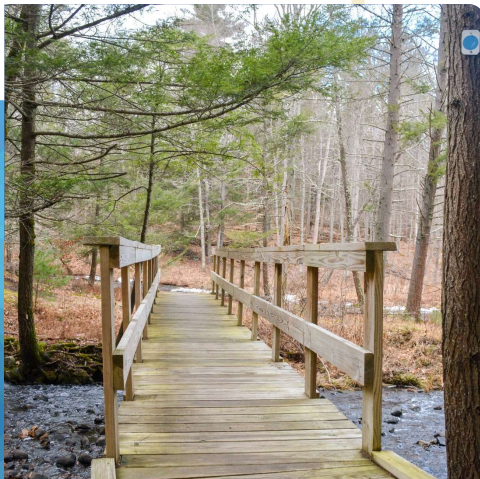
- Involvement – engaged and actively participating
- Public and stakeholder outreach
- Socially vulnerable and underserved communities
- Climate change
- Mitigation actions for every hazard of concern

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## Project Organization

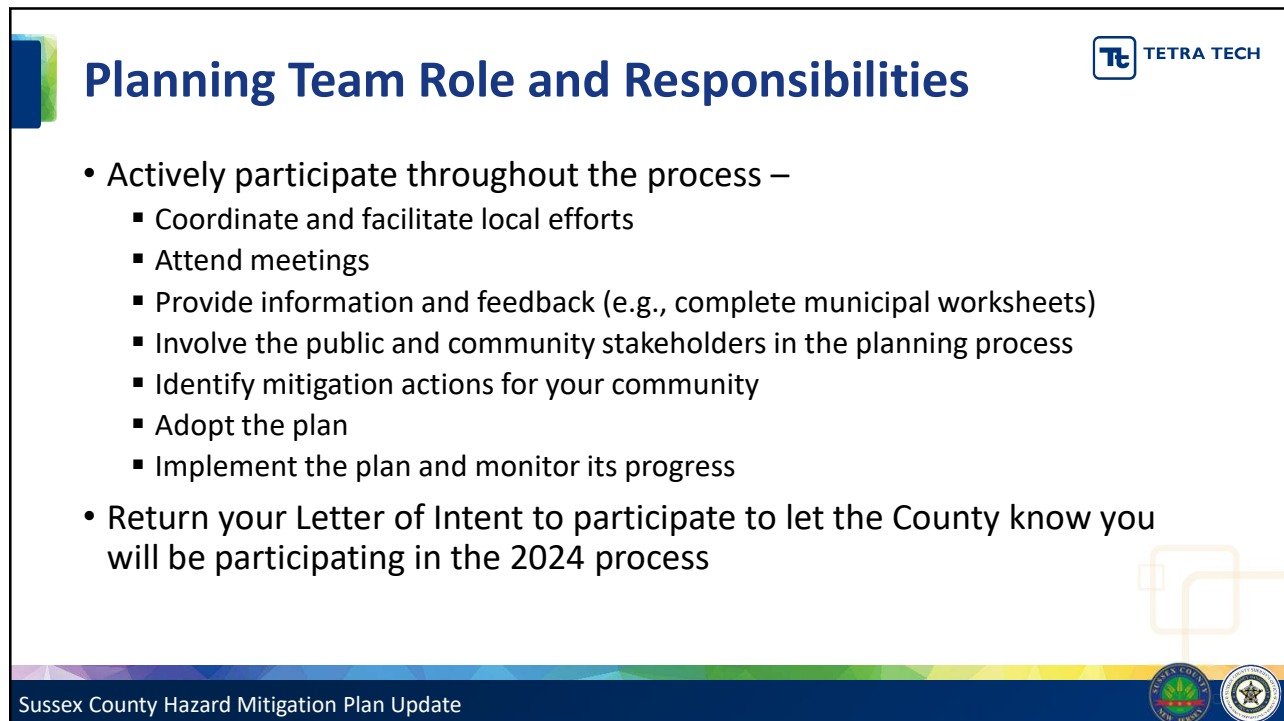


Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.

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## Letters of Intent to Participate




Jurisdiction	LOIP Received?	Jurisdiction	LOIP Received?
Andover (B)		Lafayette (Twp)	
Andover (Twp)	X	Montague (Twp)	X
Branchville (B)	X	Newton (T)	
Byram (Twp)	X	Ogdensburg (B)	X
Frankford (Twp)	X	Sandyston (Twp)	
Franklin (B)		Sparta (Twp)	X
Fredon (Twp)		Stanhope (B)	
Green (Twp)		Stillwater (Twp)	
Hamburg (B)		Sussex (B)	
Hampton (Twp)		Vernon (Twp)	
Hardyston (Twp)		Walpack (Twp)	
Hopatcong (B)		Wantage (Twp)	



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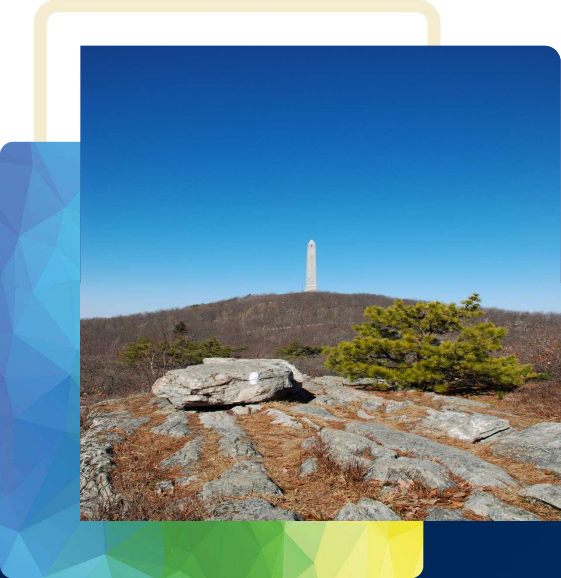
## How Do You Participate?



- Assist with the update of your jurisdictional annex
- Attend planning partnership meetings/workshops – like this one!
- Provide data and information in a timely manner
- Support public and stakeholder outreach in your jurisdiction
- Review and provide feedback on Draft and Final Plan documents
- Facilitate the adoption process – governing body must pass an Adoption Resolution
- Implement and Maintain the Plan

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## Planning Process Overview

A well-defined planning process is essential to the success of Sussex County's HMP Update.



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## 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

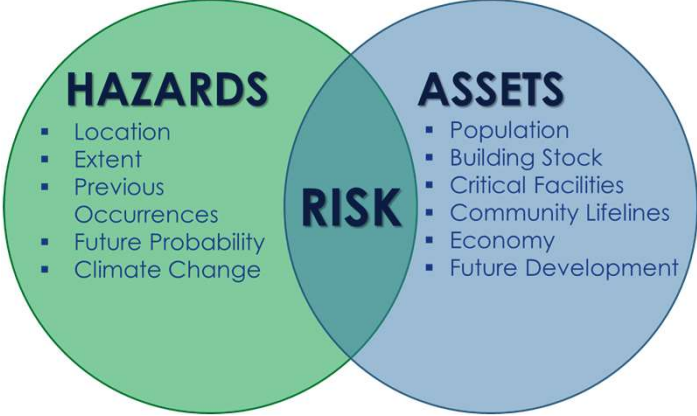
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# Update Risk Assessment





**HAZARDS**


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

**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




Disease Outbreak




Drought




Earthquake




Extreme Temperature




Flood




Geologic Hazards




Hurricane & Tropical Storm




Infestation & Invasive Species




Nor'Easter




Severe Weather




Severe Winter Weather



Wildfire



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## EXERCISE Confirming Hazards of Concern

- **Looking at the hazards included in the 2021 plan...**
  - Have additional hazards impacted the County since 2021?
  - Have hazards been mitigated and no longer cause damage?
  - Should hazards be regrouped to align with the current NJ State HMP?
  - Should additional hazards be included?
- **How have hazards affected the county?**
- **Where are your problem areas?**
- **Input needed!**
  - Use the link in the chat (or scan the QR code) to complete a survey for the hazards of concern.



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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.








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## Critical Facilities and Community Lifelines




<div style="text-align: center; margin-bottom: 10px;">  </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-bottom: 10px;">Safety and Security</div> <ul style="list-style-type: none"> <li>Correctional</li> <li>Dam</li> <li>DPW</li> <li>EOC</li> <li>Fire/EMS</li> <li>Government / Municipal Hall</li> <li>Police</li> <li>School</li> </ul>	<div style="text-align: center; margin-bottom: 10px;">  </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-bottom: 10px;">Food, Water, Shelter</div> <ul style="list-style-type: none"> <li>Potable Pump Station</li> <li>Shelter</li> <li>Wastewater Pump</li> <li>Potable Well</li> </ul>	<div style="text-align: center; margin-bottom: 10px;">  </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-bottom: 10px;">Health and Medical</div> <ul style="list-style-type: none"> <li>EMS</li> <li>Medical</li> <li>Public Health</li> <li>Senior Care Facilities</li> </ul>	<div style="text-align: center; margin-bottom: 10px;">  </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-bottom: 10px;">Energy</div> <ul style="list-style-type: none"> <li>Electric Substation</li> </ul>
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## Critical Facilities and Community Lifelines



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## EXERCISE

### Review and Update Critical Facilities

- What additional facilities and lifelines should we add?

**Types to consider:**

- Food pantries, grocery stores, senior nutrition
- Organizations that provide services to populations in need
- Others?

What critical facilities and lifelines should we include in the 2024 Sussex County HMP?

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## Public Outreach Strategy

- Public Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholders
  - Neighboring communities
  - Public
- County Website
- StoryMap

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## TETRA TECH

# Capability Assessment and Mitigation Strategy

- Capabilities
  - What does your municipality have to reduce risk to hazards?
- 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?

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## TETRA TECH

# Review Your Previous Mitigation Strategy

### *BATool<sup>SM</sup> Program*

- Update the 2021 mitigation actions through the BATool<sup>SM</sup> – less paperwork!
- Refresher training for planning partners
- Populate 2024 mitigation actions

Assessment	Review Cycle Open Date	Review Cycle Close Date	Name of Category	# of Actions	# Actions On Review	% of Actions On Review & Complete
✓ Review Toga	06/01/2021	06/01/2022	Stormwater: Road Drainage	10	0	0%
✓ Review Toga	06/01/2021	06/01/2022	Wild Fire: EM Assessment	0	0	100%
✓ Review Toga	06/01/2021	06/01/2022	Wildfire: Structure: Home Safety	10	10	100%
✓ Review Toga	06/01/2021	06/01/2022	Fire: Prepared and Safe	0	0	100%
✓ Review Toga	06/01/2021	06/01/2022	Coastal: Coastal Protection	0	0	100%
✓ Review Toga	06/01/2021	06/01/2022	Coastal: Emergency: Storm Damages	10	10	100%
✓ Review Toga	06/01/2021	06/01/2022	Stormwater: Water Quality	10	0	0%

Hazard Mitigation Plan Review Tool

Process Reporting

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# EXERCISE

## Implementing 2021 Actions

- Looking at the actions included in the 2021 plan...
  - What challenges did you have implementing these actions?



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## Update Other Sections of the Plan



### Volume I

- Section 1 – Introduction
- Section 2 – Planning Process
- Section 3 – County Profile
- Section 4 – Risk Assessment
- Section 5 – Capability Assessment
- Section 6 – Mitigation Strategy
- Section 7 – Plan Maintenance

### Volume II

- Section 8 – Planning Partnership
- Section 9 – Jurisdictional Annexes
  - Each participating jurisdiction will have their own chapter

### Appendices

- A – Plan Adoption
- B – Participation Matrix
- C – Meeting Documentation
- D – Outreach
- E – Supplemental Data
- F – Critical Facilities
- G – Plan Review Tools
- H – Mitigation Strategy Tools
- I – Linkage Procedures



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## Plan Adoption & Integration



- Implementing your HMP...
  - Integration –
    - Link to local planning efforts
    - Hazard mitigation principles into your comprehensive master plan
    - Interagency coordination
  - Projects/Actions –
    - Explore funding options to complete projects
    - Develop grant applications
    - Implement the projects

How have YOU implemented the 2021 HMP?



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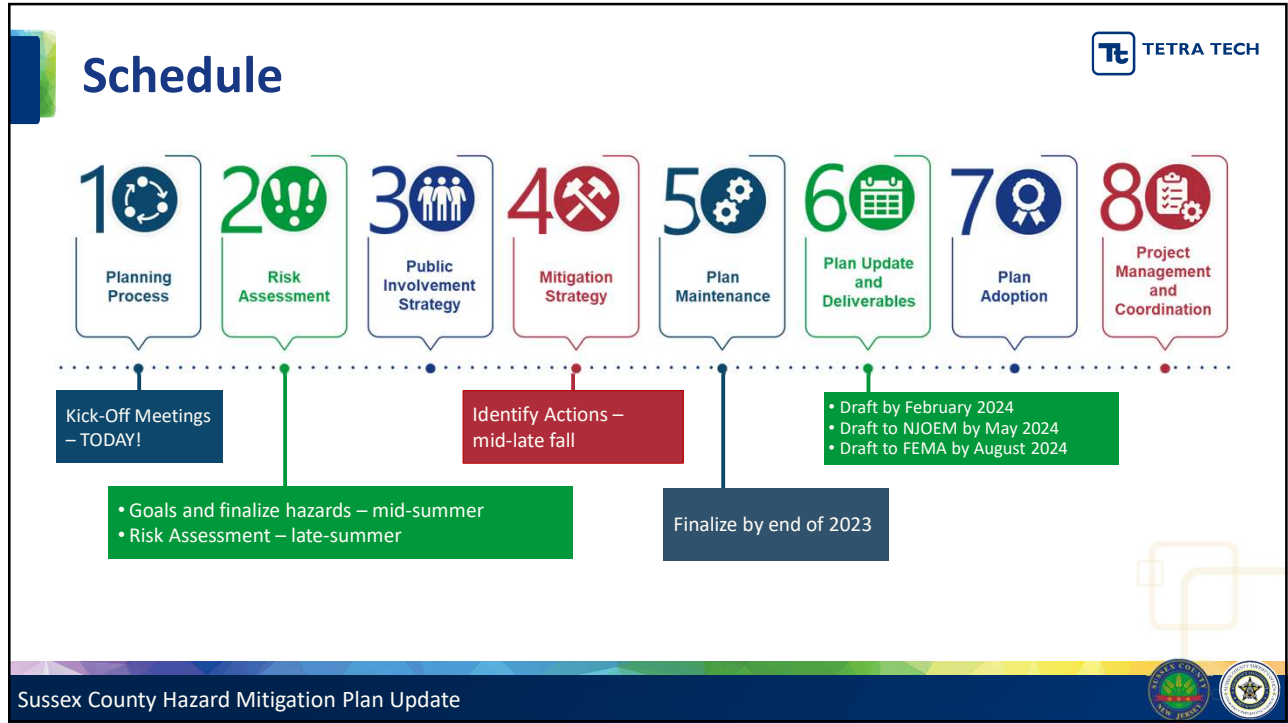


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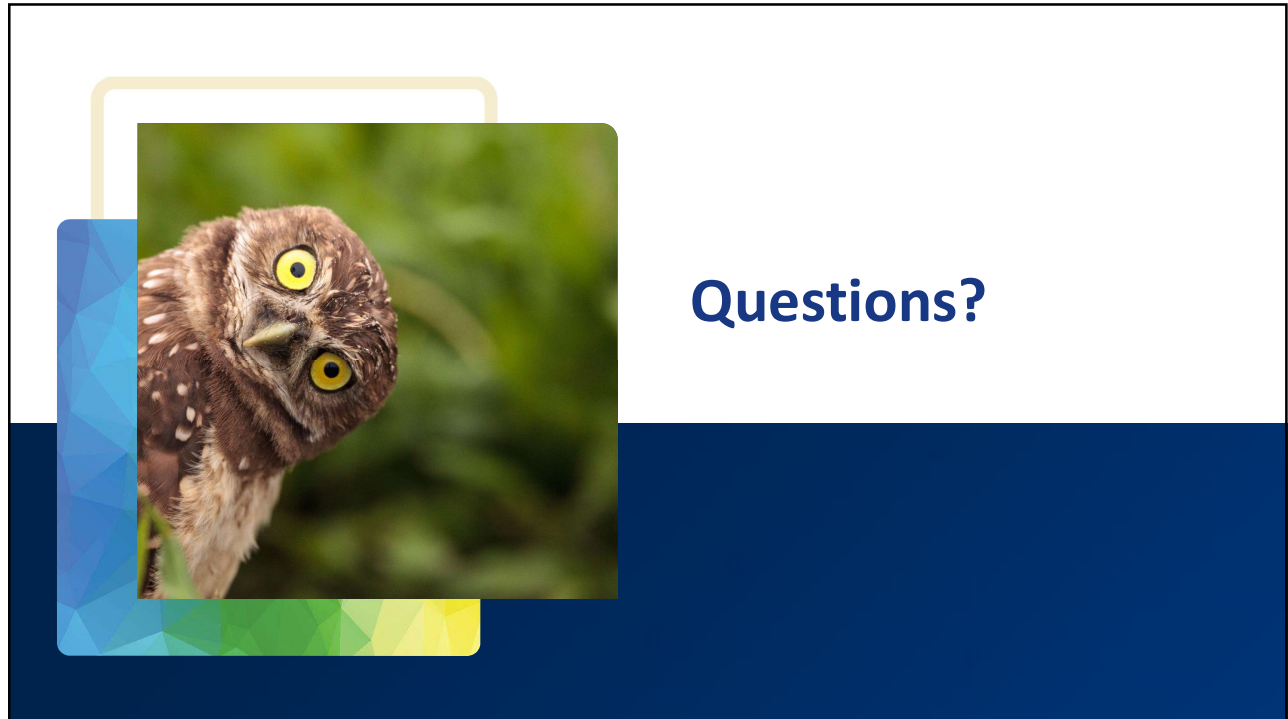
## Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

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Thank  
You!