



# Operationalizing Asset Management and Climate Change at the Town of Halton Hills

2023 IAM North American Conference

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# Goals for Today



**Study the Town's journey in operationalizing asset management and climate change.**



**Explore practical strategies and tools to support the integration of asset management and climate change into organizational processes.**

# Agenda

Town and Climate Profile

Path to  
Operationalization

Phase One: Plan and Assess

Phase Two: Collaborate

Phase Three: Integrate

Phase Four: Manage

# Town Profile

**\$1.4 Billion**



Asset Portfolio

**62,000+**



Population

**277 km<sup>2</sup>**



Land Area

**\$136,293**



Average Household Income



3 conservation areas  
30+ km of trails  
30+ parks



600+  
certified green  
buildings

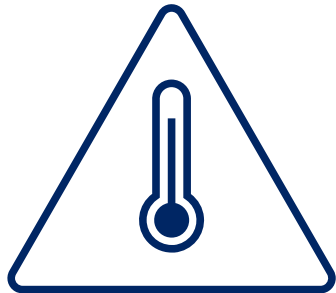


\$3,000,000+  
renewable energy  
initiatives

# Climate Profile

## WARMER

Increasing Temperatures



- 6.9°C for 1971-2000
- 9.4°C projected for 2021-2050
- 11.6°C projected for 2051-2080

## WETTER

Increasing Precipitation



- 868 mm for 1971-2000
- 13% higher projected for 2051-2080
- 18% higher projected for 2080-2100

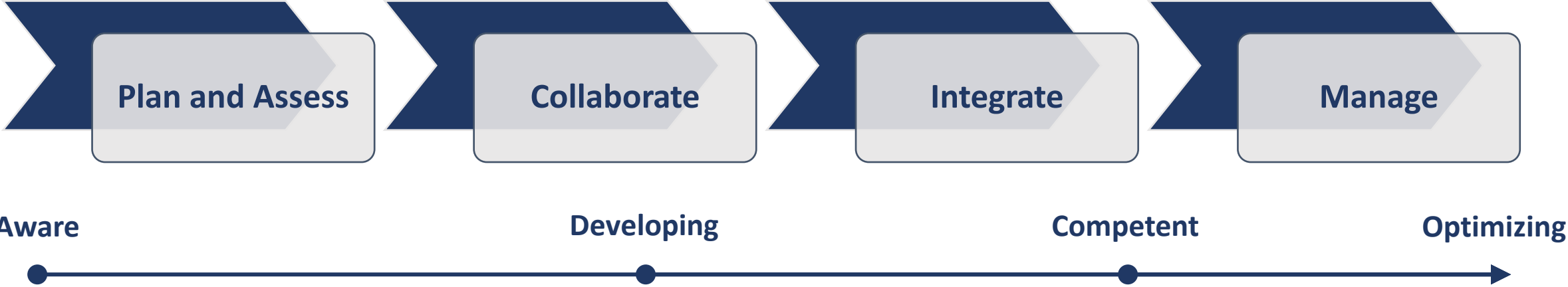
## WILDER

Increased frequency and intensity



- More hot days above 40°C
- Increase in storm intensity
- More ice and hailstorms

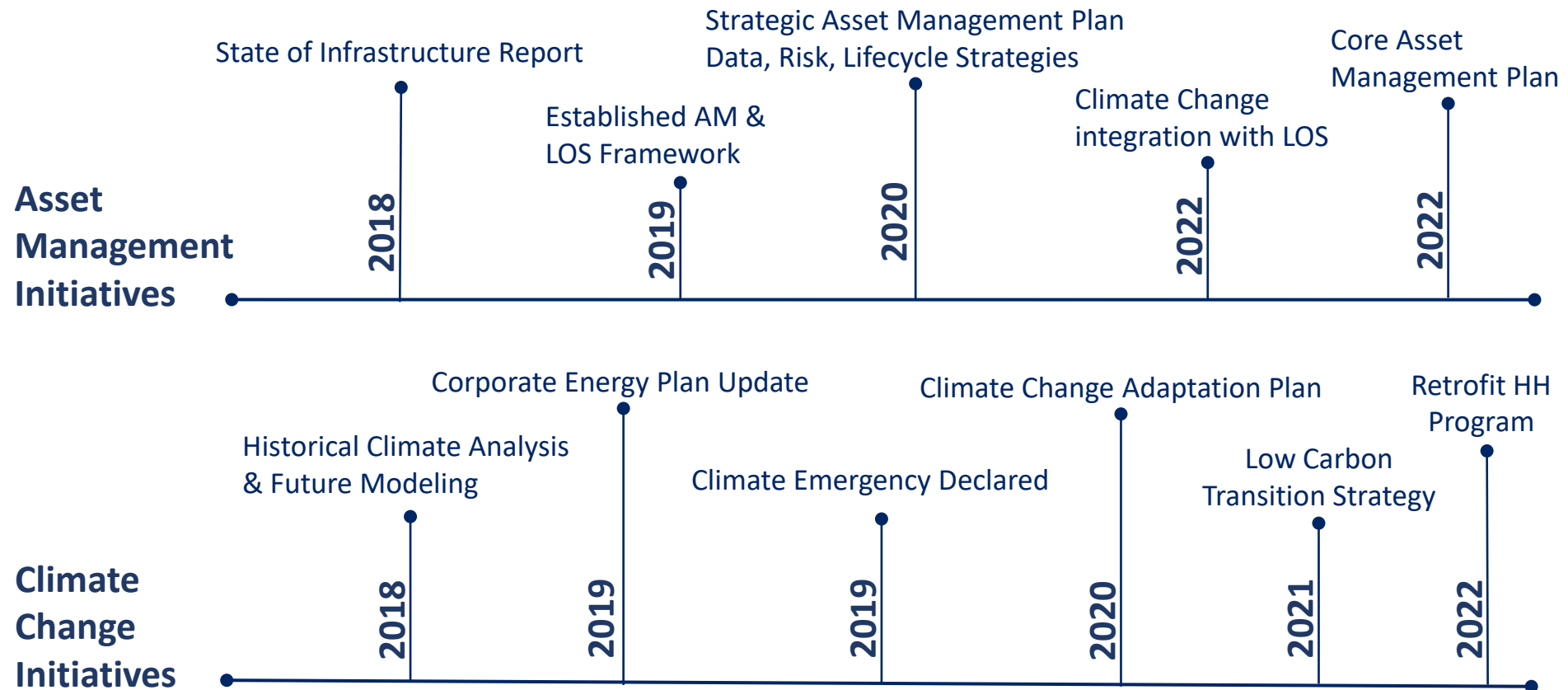
# The Path to Operationalization



# Phase One: Plan and Assess

## Developing Strategies and Plans

- Understand current state of infrastructure and climate change impact
- Develop frameworks and strategies to ensure clear direction and enhanced decision-making
- Create plans to communicate and implement

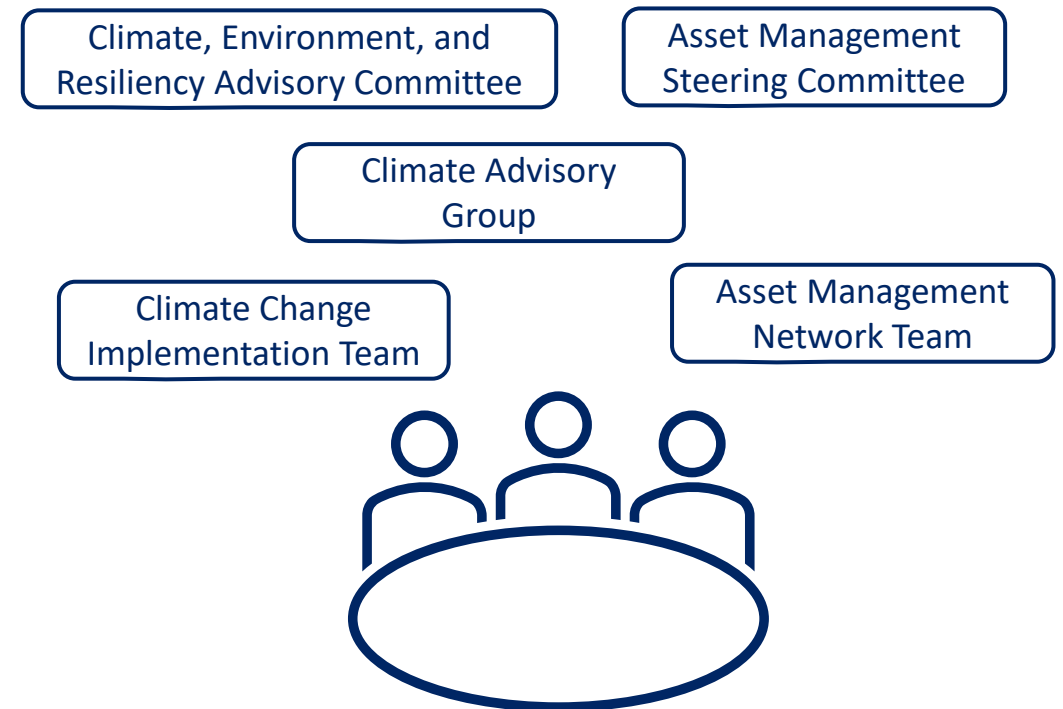


# Phase Two: Collaborate

## Stakeholder Engagement and Collaboration

- Address and remove existing obstacles to collaboration – **No more silos!**
- Build teams/committees at **all levels of the organization** to foster collaboration and effective communication
- Encourage and **appreciate stakeholder participation** and contribution

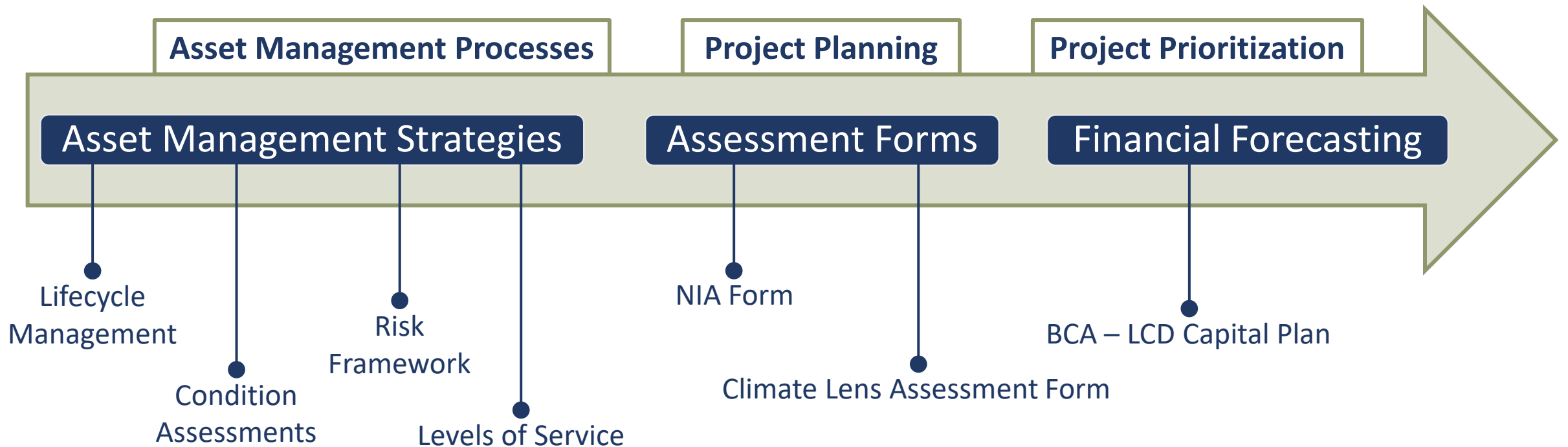
### Interdepartmental Groups at Halton Hills





# Phase Three: Integrate

Incorporate Framework and Tools into Decision-Making Processes



# Phase Three: Integrate

## The benefits of a Needs Identification and Assessment (NIA) Form



# Phase Four: Manage

## Monitoring, Evaluating, and Continuous Improvement



### Monitoring

- Asset Management Enablers
- Project Health
- Key Performance Indicators
- Portfolio Manager Reporting



### Evaluating

- Formal Stakeholder review and input
- Periodic Committee Review



### Improving

- The implementation of an Asset Management Information System
- Climate Impact Analysis Study



# Thank you!

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