

# Integrated Master Plan Water, Wastewater and Transportation

Project Update

Summer 2023



# Integrated Master Plan Project Update

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This update will:

- ✓ provide information on the project status; and
- ✓ provide background information on its purpose and describe our draft vision for the **Integrated Master Plan (IMP)**.



Please provide any feedback you may have to [IMP@halton.ca](mailto:IMP@halton.ca)

**Thank you for your interest!**

# What is the Integrated Master Plan?

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An Integrated Master Plan is a plan that:

- guides the management and development of the Region's water, wastewater and transportation (including the active transportation network and master plan) systems;
- maximizes capacity, operational flexibility and life expectancy of Regional water, wastewater and transportation infrastructure; and
- outlines strategies for maintaining and improving these critical systems to ensure that we meet the needs of the community now and in the future.

# Master Plan Inputs and Outputs



**Technical inputs** guide the plan's focus, objectives and integration:

- Strategic Business Plan 2023-2026
- Background, Policy & Data Review
- Planning Forecast
- Design Criteria & Levels of Service

- Systems Analysis & Modelling
- Cost Estimating and Capital Budgeting

**Community and stakeholder inputs** are comments from the public, Local Municipalities, community groups and Indigenous Communities that help inform the plan's details.

**Outputs** are what this process will help us achieve:

- Master Plan Document
- Measures, Actions & Recommendations
- Project List and Costs
- Implementation Plans
- Capital Budget & Development Charges

# What is the Integrated Master Plan?

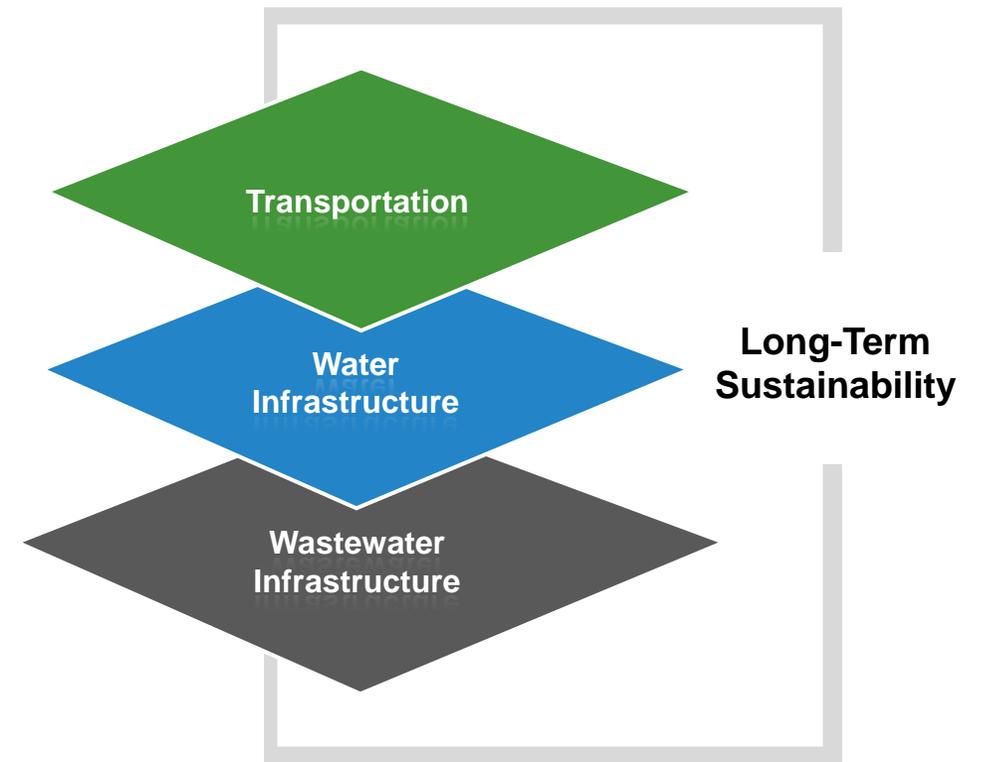
The components of the Integrated Master Plan are:

- Water – focuses on the delivery of safe, clean drinking water to homes and businesses within the urban areas.
- Wastewater – addresses the collection and treatment of sewage from the urban areas before returning the treated water to the environment.
- Transportation – focuses on a Regional transportation network for transit users, active transportation (e.g. pedestrians and cyclists), cars and trucks that accommodates all users and all abilities.



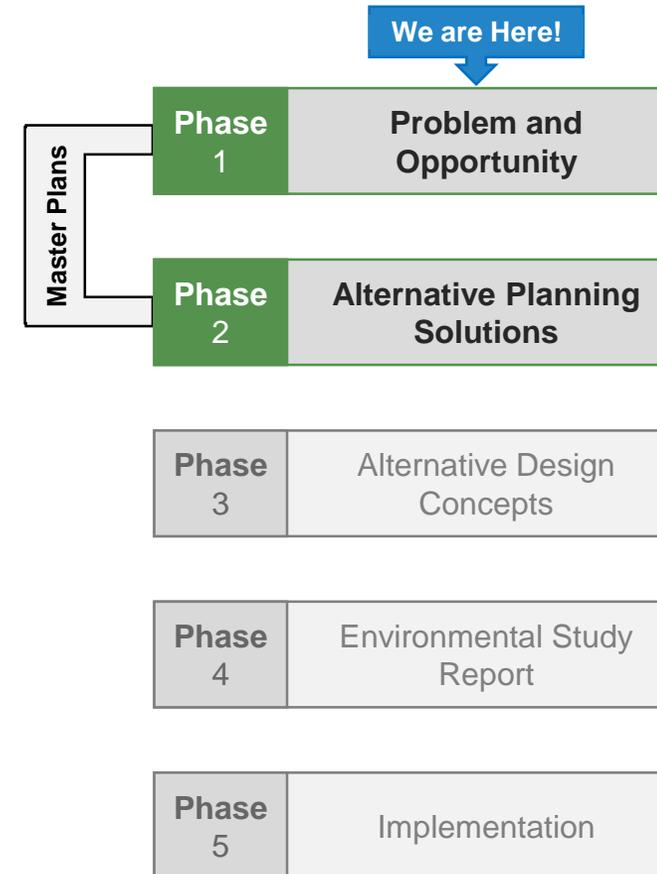
# What does “Integrated” mean?

- “**Integrated**” means that we are planning these three Regional systems – Transportation, Water and Wastewater – together as a whole, rather than separately.
- “**Integrated**” means we recognize that our communities’ needs are changing and planning these systems together will allow us to evolve and support a dynamic future.



# Municipal Class Environmental Assessment Process

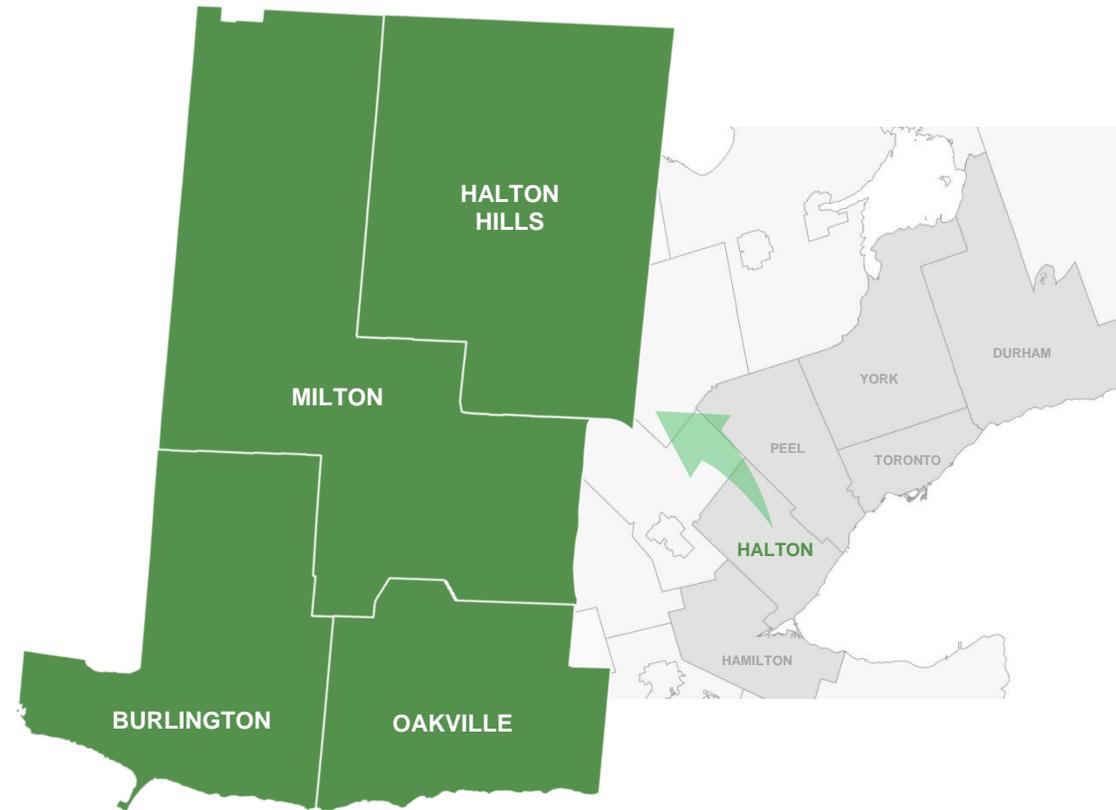
- The Integrated Master Plan is being planned in accordance with the requirements of the *Municipal Class Environmental Assessment* (MCEA), (October 2000, amended 2007, 2011, 2015 and 2023), which is an approved process under Ontario's *Environmental Assessment Act*.
- The main elements of the MCEA Process are incorporated into five phases depending on the level of complexity of the project or Master Plan.
- A Master Plan typically follows Phases 1 and 2 of the MCEA Process.



# Study Area

The IMP study area encompasses the four local municipalities: the City of Burlington, the Town of Halton Hills, the Town of Milton and the Town of Oakville. It includes the existing and future water and wastewater systems for urban areas and Regional transportation systems.

The IMP will build on existing Regional water, wastewater and transportation systems and develop strategies to enable Local Municipal future growth targets, which are expected to result in at least 1.1 million people and 500,000 jobs by 2051.



# What are we doing in Phase 1?

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At this stage of the IMP, we want to make you aware of key activities happening in Phase 1:

- Review of background information such as growth projections, existing Regional systems, and potential constraints
- Define the problem and identify opportunities for each Regional system
- Public Information Centre (PIC) #1 planned for late Fall 2023

Information and feedback from PIC #1 will provide a baseline to support the development and evaluation of infrastructure strategies in the next phases of the IMP.

<b>Phase 1</b>	<b>Problem and Opportunity</b>
Phase 2	Alternative Planning Solutions
Phase 3	Alternative Design Concepts
Phase 4	Environmental Study Report
Phase 5	Implementation

# Draft Integrated Master Plan Vision

The IMP Project Team has developed a Draft Integrated Master Plan Vision Statement along with Water/Wastewater and Transportation Vision Statements that will help to guide the Master Plan decision making process:

## Draft Integrated Master Plan Vision

**Building a safe, equitable and sustainable future for the Region's Water, Wastewater and Transportation systems through responsible and proactive planning.**

## Draft Water/Wastewater Vision

Planning for a future Regional water and wastewater system that is safe, efficient, resilient and prioritizes the environment.



## Draft Transportation Vision

Planning for a future Regional transportation system that is safe, continuous, connected and coordinated for all users and all abilities.



# Draft Integrated Master Plan Considerations

The IMP Project Team has developed Draft Integrated Master Plan Considerations that will also help to guide the Master Plan decision making process. These Draft Considerations are:

## Equitable Infrastructure Services

Provide for water and wastewater services in the urban areas and access to Regional transportation infrastructure

## Safe and Healthy Communities

Support healthy and active lifestyles and community well-being

## Sustainability

Balance social, environmental and economic goals to support growth in a sustainable manner

## Climate Change

All phases of Regional water, wastewater and transportation infrastructure planning must recognize and incorporate climate change

## Communication and Consultation

Ensure the IMP process and strategies are clearly and openly communicated and consulted on

## Integration of Planning for Regional Infrastructure

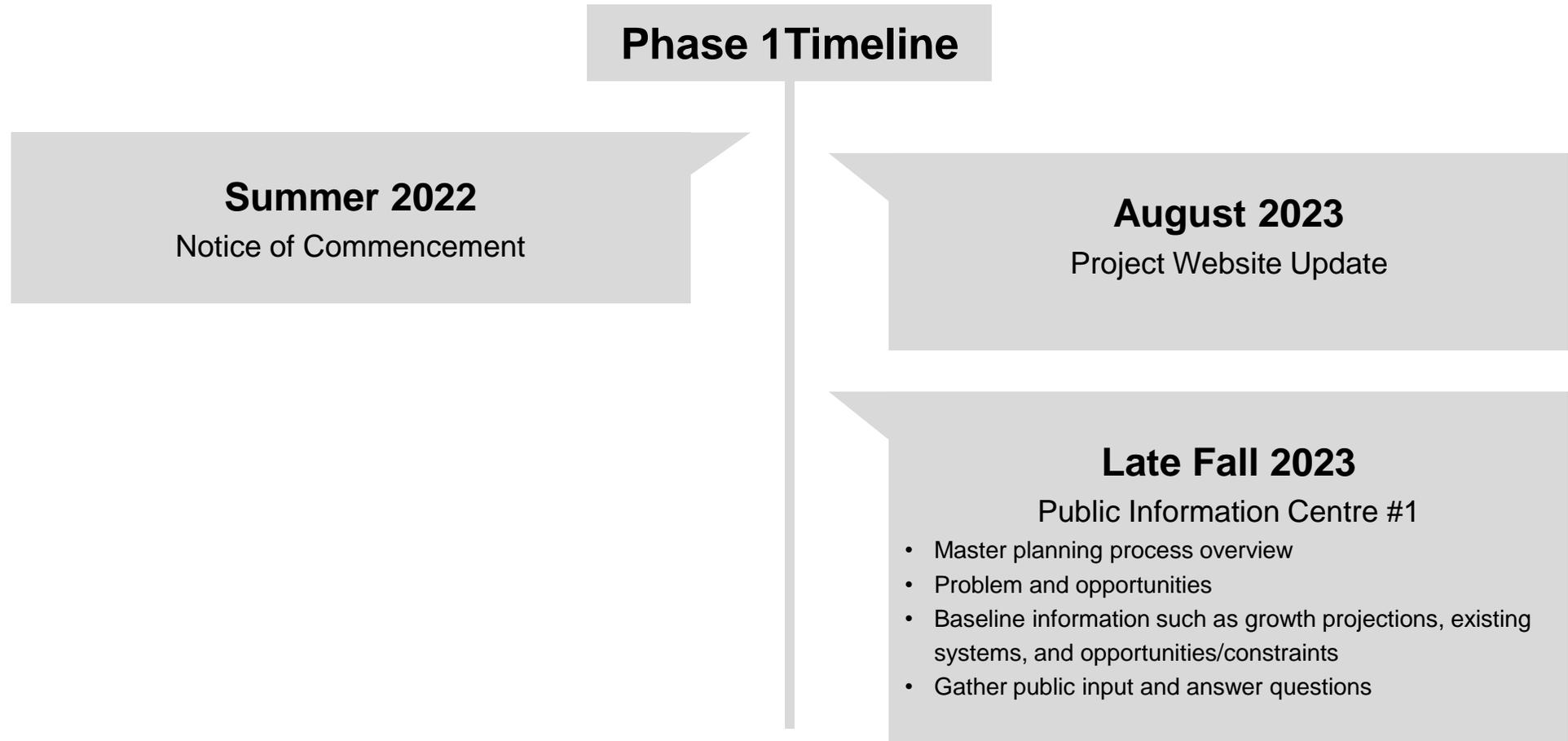
Ensure a coordinated approach to implementation of Regional water, wastewater, and transportation infrastructure

## Technical Innovation

Include innovation in the development of Regional water, wastewater and transportation infrastructure strategies

# IMP Communication and Engagement Timeline – Phase 1

## Next Steps and Anticipated Timing





To learn more and provide your input to the IMP process, visit **halton.ca** or contact us directly at [IMP@halton.ca](mailto:IMP@halton.ca)

