

# Growing Wisely: A webinar on Smart Growth & Asset Management



# Welcome: Association of Municipalities of Ontario



# Introductions: Association of Municipalities of Ontario



**Erin Orr**Program Advisor, Infrastructure Asset Management Association of Municipalities of Ontario (AMO)



# Canada Community-Building Fund (CCBF)

**Permanent** 

**Predictable** 

**Flexible** 

**Upfront** 

#### **Program Priorities:**

#### **Asset Management**

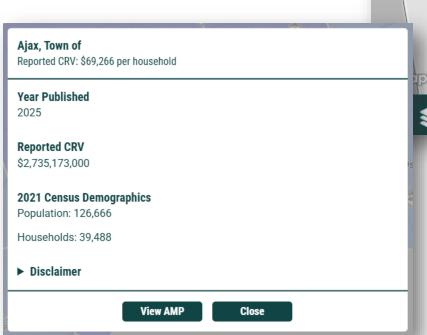
Municipalities are to develop and implement an asset management culture, methodology, and plan in accordance with Ontario regulation (O. Reg. 588/17)

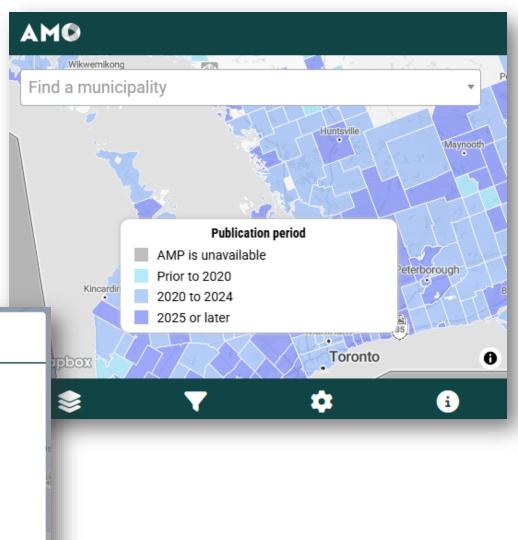
#### Housing

- Principle to commit to improve housing supply and affordability
- Municipalities are to prioritize, where possible, infrastructure projects that support increased housing supply where it makes sense to do so

# Resources

- Webinars & Research
- ❖ AMP Map & HNA Map
- Our team CCBF@AMO.ON.CA





# **CCBF Maps**

Asset
Management
Map



Housing Needs
Assessment
Map



# Kick-off: Asset Management Ontario



## Introductions: AMONTario



Jennifer Court
Executive Director, Asset Management Ontario



## **Session Purpose & Outcomes**

- Support ON municipalities to assess how they incorporate growth and asset management practices
- Share tools and success stories from peer municipalities
- Discuss practical examples of how smart growth and asset management can be integrated



# **Agenda**

- Session Welcome & Opening
- Primer: Key Considerations in Municipal Growth and Asset Management
- Case Studies:
  - Town of Minto
  - District Municipality of Muskoka
  - Township of Centre Wellington
  - City of Thunder Bay
- Fireside Chat with case study leaders
- Q&A
- Session Close

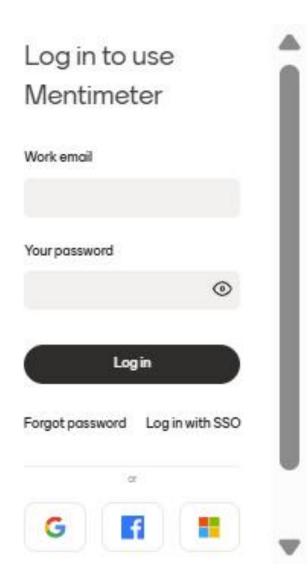


# Discussion: Your Expectations for the Session

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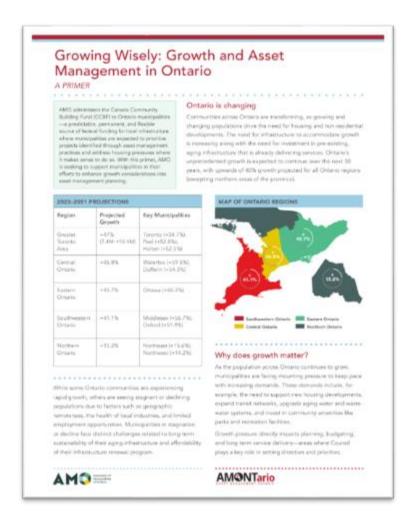




# **Growing Wisely**



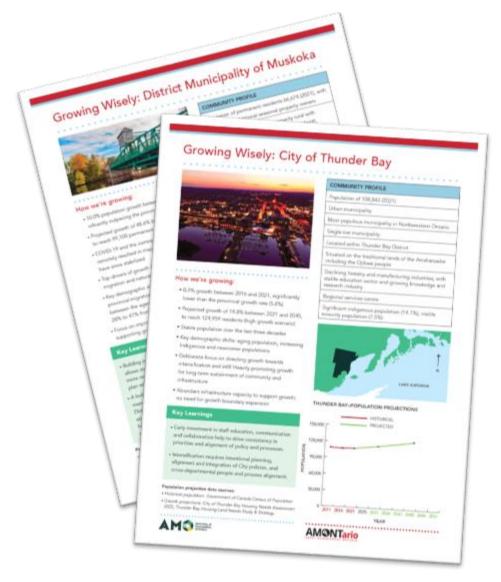
# **Growing Wisely: A Primer**



- Ontario is changing
- Why does growth matter?
  - The intersectional impacts of growth
  - Consequences of unplanned growth
- th Lagrange t
- Integrating growth into asset management
  - Planning for growth
  - Aligning investment plans and implementation
  - Mechanisms to address growth challenges and opportunities
  - Financial strategies
- The role of municipal leadership



# **Growing Wisely: Case Studies**



Key elements:

- Demographics
- Growth Impacts
- Growth Management

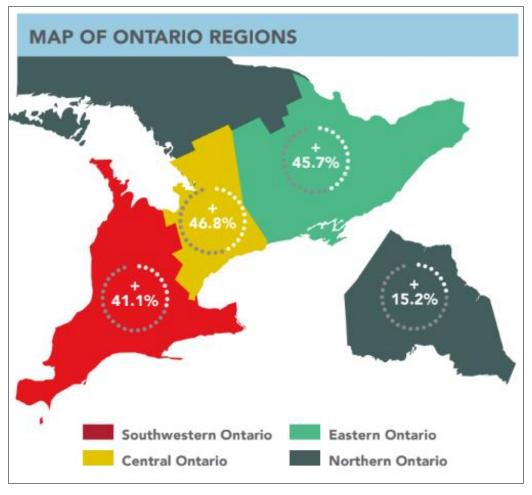




# Primer Overview: Key Considerations in Municipal Growth and Asset Management



## Ontario is facing unprecedented growth



- Some communities are growing at rates over 50% from now to 2051, with all regions seeing growth of over 40% excepting Northern Ontario
- While many regions are outpacing historical growth trends, some communities are growing very slowly.
- Northern, rural communities and those outside major urban centres may experience modest growth, stagnating growth, or even decline in population

Government of ON Growth Projections 2023-2051



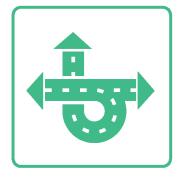
# Intersectional Impacts of Growth



Changing demographics and demand/use of services



Intensification and/or greenfield development



Increased need to upgrade, extend, and upsize infrastructure



Pressure on housing supply and affordability



Impacts on the environment and strain on natural resources



Social and equity impacts within and across communities



## Why does growth matter?

- Increasing demand on municipal infrastructure, stretching existing services, finances, and human resources
- Municipalities facing mounting pressure to keep pace
- Deficit impacting long-term sustainability for the community





### **Examples:**

- Servicing new housing developments
- Expanding transit networks
- Upgrading aging, over-capacity water & wastewater systems
- Investing in community amenities like parks and recreation facilities



When growth and AM are disconnected...

# Unplanned growth means municipalities might be experiencing:

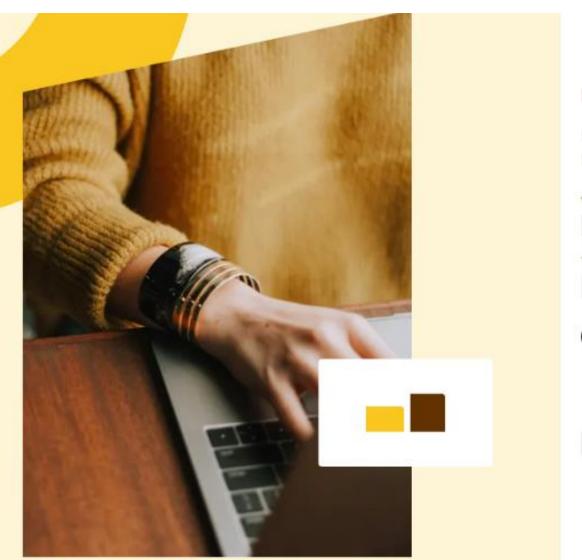
- More reactive maintenance
- Increasing maintenance backlog
- Failing assets
- Unhappy residents
- Unsustainable development patterns
- Insufficient capacity in some areas, over-capacity in others
- Inadequate, unaffordable and ill-fit housing

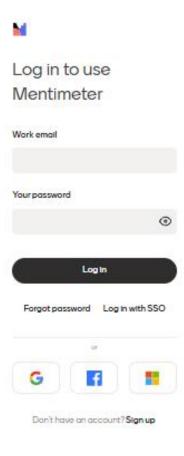


# Discussion [mentimeter slide to be added]

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# Line of sight

An aligned approach to planning is marked by clarity and line-of-sight on:

- Levels of service
- Council direction on growth objectives
- Principles for development of land, services, and infrastructure
- Integration of plans and strategies
- Full lifecycle cost projections and resource requirements that reflect new demand
- Optimization of growth, renewal and other investment
- A robust asset approval and acceptance process

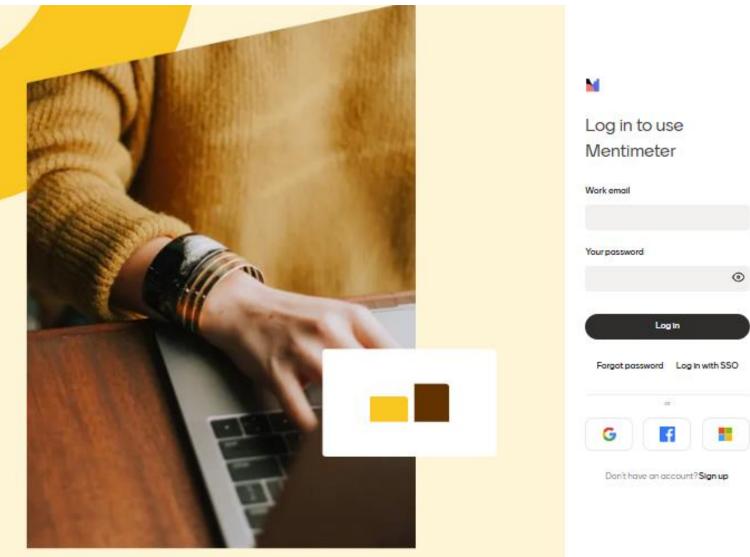


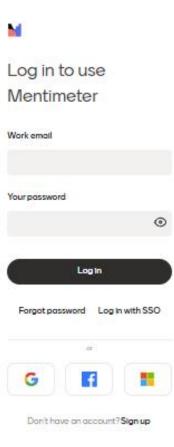
Whole life costs, levels of service, and risk management should be incorporated into decisions for procurement, design, construction, and asset acceptance requirements

# Discussion [mentimeter slide to be added]

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## **Key Take Aways**

- Growth and asset management planning must be strategically and operationally aligned to sustain services
- 2. Financial resilience depends on proactive planning and long-term asset investment approach.
- Municipal elected officials drive collaboration and oversight. Clear direction is needed for growth management and asset management.
- 4. Collaboration with other municipalities and organizations is critical to success.

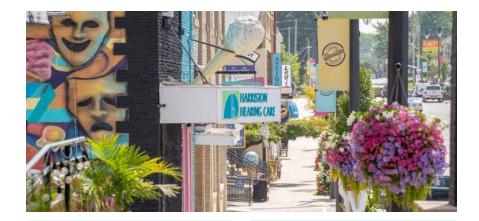




Case Studies Showcasing Municipal Approaches to Planning for Growth



### **Town of Minto**



9,094

Population 2021

4.9%

67.1%

Historical Growth 2016-2021

Population 2051

15,200

Projected Growth to 2051

- Rural
- municipality

Lower-tier

#### What are we working on?

- Reviewing and improving the Local Service Policy
- **Development Charge Background Study**
- Facilitating upgrades and/or improved service in healthcare, waste, water, wastewater

#### **Key Learnings:**

- Culture of collaborative planning and regular planning meetings
- Lack of dedicated AM resources inhibiting integration
- Growth does not pay for growth (funding mechanisms)

#### What's working for us?

- Engaging the public on growth decisions
- Collaborative planning meetings with internal and external parties to review planning submissions

#### How do we integrate growth & AM?

- Strategic planning aligns capital and operating investments
- Driving asset replacement through required capacity upgrades
- Evaluating asset failure in acceptance of new infrastructure.



# **District Municipality of Muskoka**



66,674

Population 2021

10.0%

Historical Growth 2016-2021

- Regional, rural
- Upper-tier municipality

#### **Key Learnings:**

- Building in-house capacity for asset management allows staff to take ownership, and integrate with other plans, strategies and policies.
- A holistic view of risks (condition, capacity, etc.) provides a better-informed plan

#### What are we working on?

- Planning for aging population
- Enhancing levels of service while facilitating growth
- Reserve fund optimization to address deficit
- Reviewing equity implications of prioritization approach (e.g., low volume roads)

#### What's working for us?

- **Building in-house capacity** for AM
- **Asset performance** measurement that embeds growth requirements and risks
- Simplified multi-year budget tools to estimate the lifecycle costs of growth

#### How do we integrate growth & AM?

- Integrating current and future capacity assessment into a holistic asset performance framework (well beyond asset condition)
- Horizontally and vertically integrating master plans



99,100

Population 2051



# **City of Thunder Bay**



108,843

Population 2021

0.9%

Historical Growth 2016-2021

124,959

Population 2045\*

14.8%

Projected Growth to 2045\*

Single-tier

#### Rural northern

municipality

#### What are we working on?

- Smart Growth Action Plan with 3 pillars: Readiness, Attraction, Talent
- Intensifying existing areas instead of greenfield development
- Information systems review to support data and evidence

#### **Key Learnings:**

- Early investment in staff education, communication, collaboration drive alignment
- Targeted intensification requires intentional planning, alignment and integration of City policies, processes and people

#### What's working for us?

- **Clear Asset Management** Fundamentals guiding investment
- Internal education: "everyone is an asset manager"
- Community education and engagement on services and lifecycle costs

#### How do we integrate growth & AM?

- Aligning the growth strategy, financial strategy, asset management plan, and other strategies, policies, plans
- Requiring business case justification for decision making not aligned with "asset management fundamentals"



# **Township of Centre Wellington**



99,100 31,093

Population 2021

10.3%

Historical Growth 2016-2021

Projected Growth to 2051

Lower-tier

Mixed urban-rural

municipality

#### **Key Learnings:**

- Achievable and actionable asset management recommendations builds momentum and longterm results
- Growth does not pay for growth: current growth funding mechanisms are insufficient

#### What are we working on?

- Township- and developer-initiated boundary expansions
- Addressing key service gaps for growth (water, wastewater)
- Potential new/expanded services (transit, active transport, parks)
- Stormwater utility charge
- Policies for phasing growth

#### What's working for us?

- **Service Financing Agreements** to have developers cover up-front costs of infrastructure
- Planning ahead for "unassumed" assets
- Centralizing "data keepers" to provide better input to decisions

#### How do we integrate growth & AM?

- Projecting the financial impact of growth into budgets, forecasts, AMP
- Defining optimal capital investment to guide levels of service, financials
- Defined funding sources for growth and renewal





Population 2051



# Fireside Chat



# Introductions: Case Study Participants









**Dan Wilson**Chief Administrative Officer
Township of Centre Wellington

Board Member & Treasurer, Asset Management Ontario

Vineet Bhatia
Director of Tax Policy &
Financial Planning
District Municipality of
Muskoka

Amy Coomes
Program Lead - Asset
Management
City of Thunder Bay

Gordon Duff
Treasurer/Deputy CAO
Town of Minto



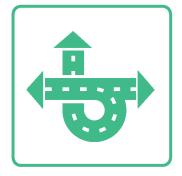
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# Questions?







