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# Accelerating Energy and Environmental Plans



- Milton Green Innovation Plan
  - Accelerating the Plan
- What Worked and Lessons Learned
  - Q&A

# Milton Green Innovation Plan



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- Reference case is the Town of Milton Green Innovation Plan. This Ontario municipality is growing rapidly with a population of over 125,000 spread across an older urban core, an expanding suburbia, a significant industrial and commercial presence, and a large rural footprint.
  - <https://www.milton.ca/en/town-hall/resources/Community-Energy-Plan.pdf>
  - <https://www.milton.ca/en/town-hall/resources/Corporation-Energy-Plan.pdf>



# Milton Green Innovation Plan



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## Goals

- Update the existing Corporation Plan- more breadth and more proactive
- Create 1<sup>st</sup> Community Plan
- Engage stakeholders
- Explore Deep Green opportunities
- Maintain sustaining governance and effective implementation
- Context – balancing sustainable economics, and sustainable direction

## Framework

- Address milestones 1-3 of the Partners for Climate Protection Framework
- Create a greenhouse gas emissions inventory and forecast
- Set emissions reduction target
- Develop a local action plan.
- To Do:
- Implement
- Monitor and report

# Milton Green Innovation Plan



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## Table of Contents

- Milton's Commitment to Responsible Energy Management and Green Innovation
- Understanding Energy and Emissions
- Energy Baseline
- Action Plan
- Implementation

## Action Plan

- Creating a Community of Conservation
- Residential Energy Efficiency and GHG Reductions
- Commercial, Industrial and Institutional Energy Efficiency and GHG Reduction
- Transportation Energy Efficiency and GHG Reduction
- Energy Generation and Security
- Land Use and Growth

# Milton Green Innovation Plan



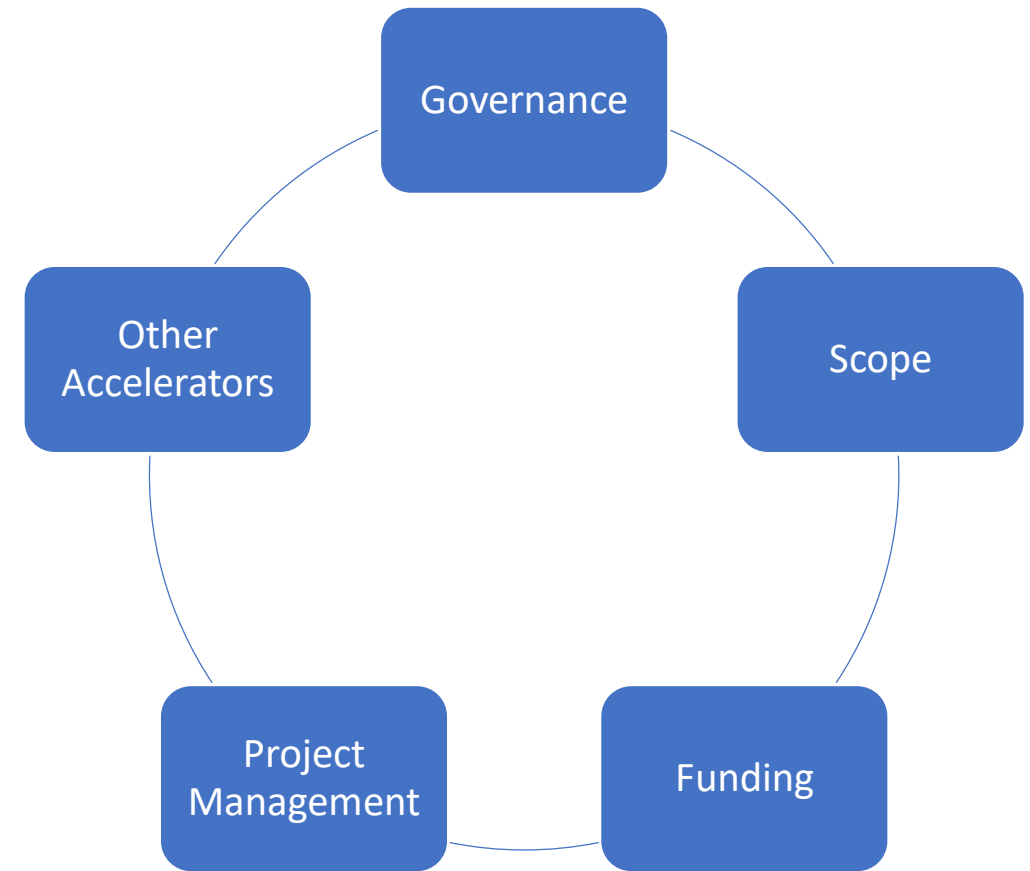
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# Accelerating the Plan – why a lot got done quickly



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# Governance

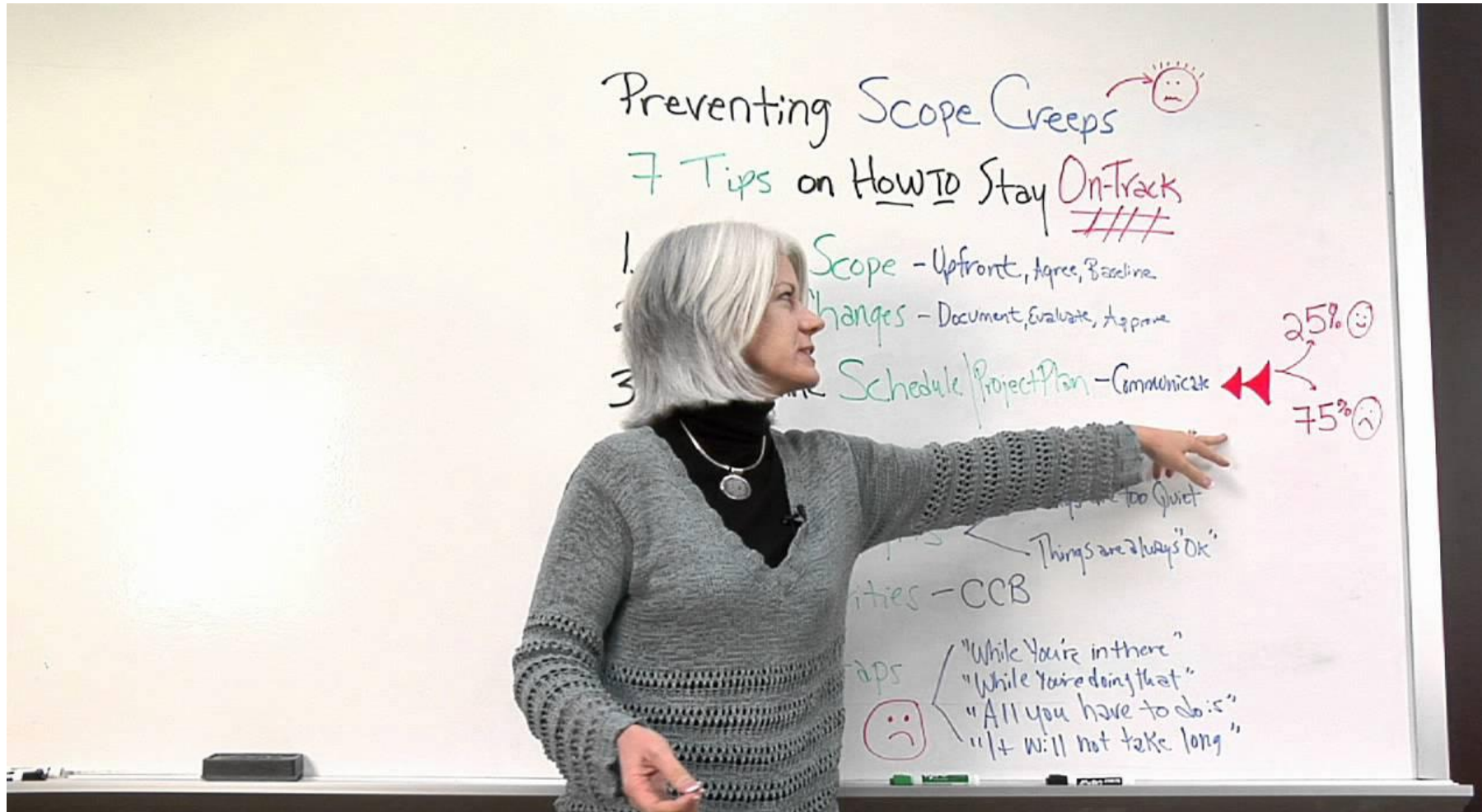


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- Sponsor
  - Chief Administrative Officer
- Steering Committee
  - Milton Director of Recreation & Facilities
  - CEO Milton Hydro
  - Regional VP Union Gas
- 25 weekly meetings
  - Decisions
  - Project Plan and Status
  - Access to key Staff
  - Financial

# Scope (Creeps)





# Funding



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- There is money to be found, though not this easily!
- FCM Planning Grant through MCIP – Municipalities for Climate Innovation Program
- FCM Capital Grant through MCIP
- Ontario MoE MEP Grant – abandoned
- \$400K+ of funding

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# Project Management



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- Decision made to manage this as a Project
- Lived by our Project Plan
- Weekly meeting with Steering Committee
- Team resources – engineering, sustainability, writer, project manager, change manager-outside existing operational resources

# Other Accelerators



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*Looking forward to this being a Mustang EV*

- Alignment with Partners for Climate Protection framework sped up work and FCM funding approval
- Data wrangling and data management tools, in our case REA
- Client engagement, in our case, free walkthroughs
- A pragmatic approach - Carbon is not going away for a while

# What worked!



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## **Milton Director of Recreation and Facilities**

1. Partnership with local utilities, information gathering and knowledge
2. Engage with non-residential sector ( private and other public sector entities)
3. Frequent meetings and dialogue with leadership team
4. Leverage all existing plans ( Official Plan, Transportation Master Plan , Asset Management, etc. including existing budgets ( operating and capital )
5. Applied green lens into all work activities across all departments ( do not overlook good work already done)
6. Sought and received grant funding, demonstrated win and allows for innovation which otherwise may not have been possible
7. Commitment to the process, frequency of meetings kept and internal group small to provide timely decision making

# Lessons Learned!

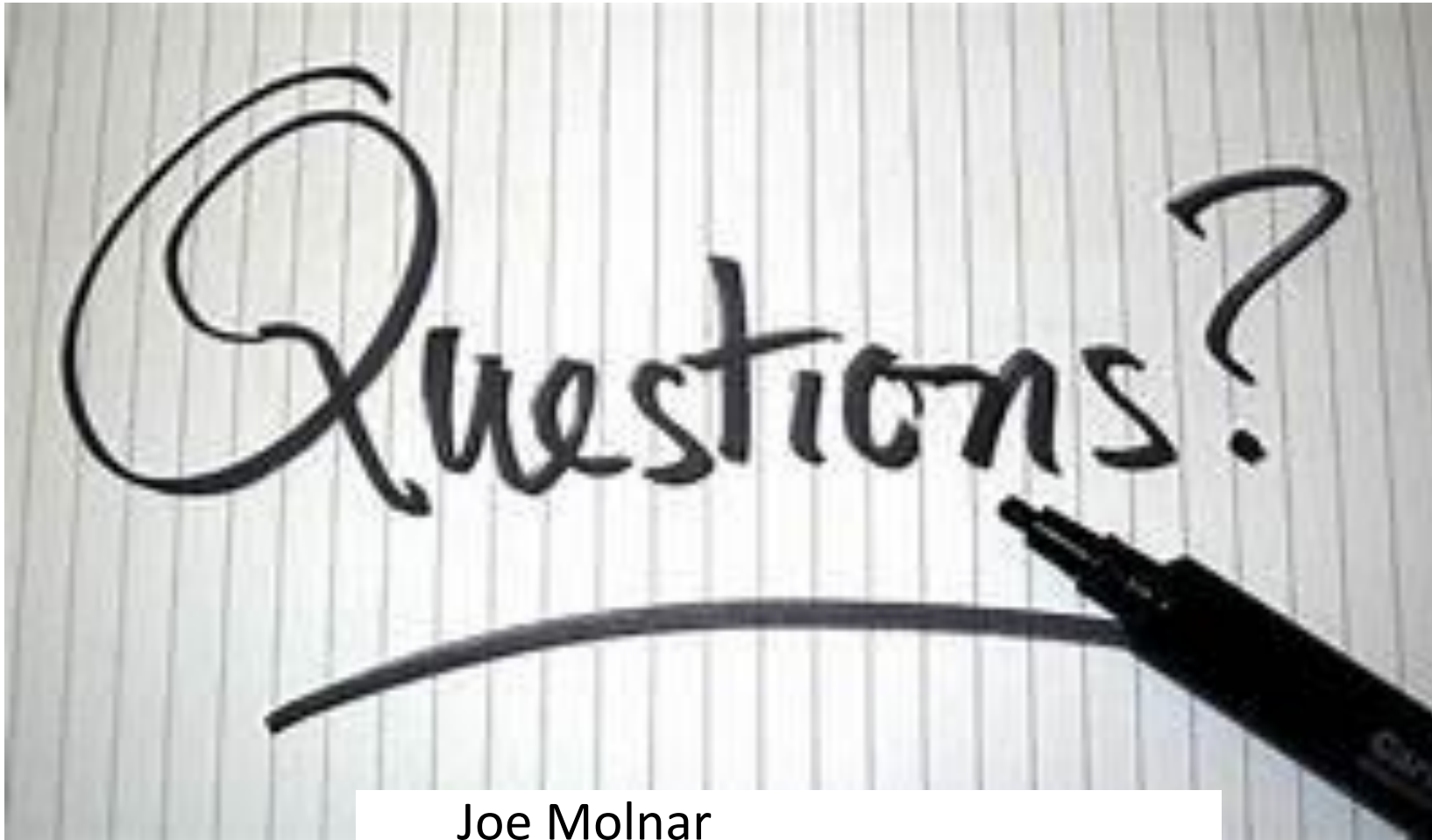


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## Milton Director of Recreation and Facilities

1. Be clear with intent of plan, must be transparent to stand up to public scrutiny and allow for flexibility / adaptability
2. Public engagement – a must, frequency and duration to allow for maximum participation social media, online platforms, public information sessions
3. Seek out and engage environmental advocacy groups
4. Council involvement – a political champion - very helpful
5. Staff resources are needed to manage administration of grant funding opportunities
6. This is just one step in the journey, the plan will need to be maintained and evolve



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