



Presentation to Council  
City of Saint John Climate Change Action Plan  
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# Objectives of the Council Report

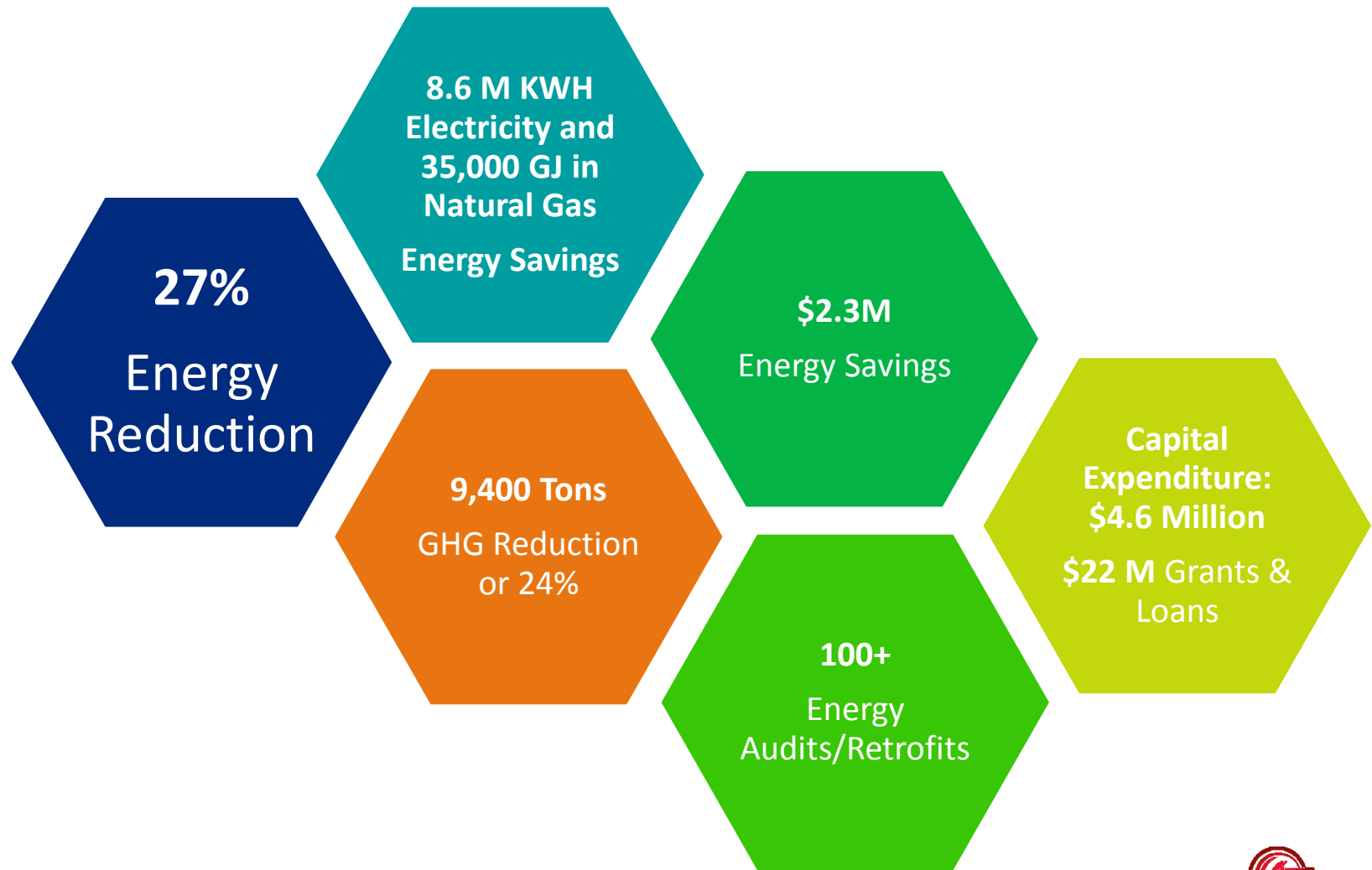
- Provide City of Saint John strategy, vision and approach to address climate change.
- Seek Council approval to adopt the Corporate and Community Green House Gas (GHG) and Energy Action Plan, as well as GHG reduction targets.



# City of Saint John AM Program

- Asset Management Policy
  - Adopted 2018
  - Integrates climate change into infrastructure asset decision making.
  - Includes climate change risks into asset risk management.
- Climate Change Vulnerability Assessment
  - Objective: quantify climate change vulnerabilities for critical assets.
  - Scope of work: assess vulnerabilities on drainage infrastructure.
  - Deliverables: methodology to identify, assess and mitigate climate change risks & vulnerabilities and improve infrastructure resiliency.
  - Completion date: December 2019
  - Funding is provided by FCM

# Municipal Energy Efficiency Program (MEEP)



# Climate Change Adaptation Plan

- Climate Change Adaptation Plan
  - Objective: develop climate change adaptation plan for Saint John.
  - Scope of work: identify climate change risks and develop adaptation plan for Saint John using results from prior neighbourhood pilot projects.
  - Deliverables: recommendations for climate change resiliency measures to be included into the City's municipal plan and emergency response measures.
  - Completion date: March 2020.
  - Funding is provided by Environmental Trust Fund (ETF)

# Community Resiliency Action Plan

- Community Resiliency Action Plan
  - Objective: increase essential City service resiliency to prolonged energy outages.
  - Scope of work: conduct vulnerability assessment to identify, assess and mitigate energy outages caused by extreme weather events.
  - Deliverables: recommendations to improve city service resiliency to extreme weather events and integrate same into municipal processes and plans.
  - Completion date: December 2019.
  - Funding is provided by FCM



# Corporate GHG & Energy Action Plan

- Current Emissions: 23,776 Tonnes of CO<sub>2</sub>
- Forecast Emissions: 16,643 Tonnes of CO<sub>2</sub>
- **GHG Reduction Target 30% by 2025**
- Action Plan and Strategy
  - Fleet & Transit Strategy
  - Deep Buildings Energy Retrofit
- Benefits
  - Over \$2.2 Million Annual Savings
  - 7,132 Tonnes of CO<sub>2</sub>
- **Long-term GHG Target Carbon Neutral**



# Community GHG & Energy Action Plan

- Current Emissions: 653,152 Tonnes of CO<sub>2</sub>
- Forecast Emissions: 594,368 Tonnes of CO<sub>2</sub>
- **GHG Reduction Target 9% by 2025 and 18 % by 2035**
- **Action Plan and Strategy**
  - Local Renewable Energy Production
  - Transportation
  - Energy Efficiency
  - Education & Awareness
- **Benefits**
  - Over \$44 Million Annual Savings
  - 56,000 Tonnes of CO<sub>2</sub>
  - Divert over \$1.1 Billion ( 25 Years) in energy into local economy





# Next Steps

- Develop an Implementation and Monitoring Plan
- Establish a Governance Structure
- Prioritize the list of the Corporate projects
- Solicit Federal and Provincial Funding





**THANK YOU !**