

Environment and Climate Feasibility & Implementation Plan

Report No. BEC-2023-005

May 29, 2023



Introduction

Net Zero 2030
Update
Resolution

February 13,
2023

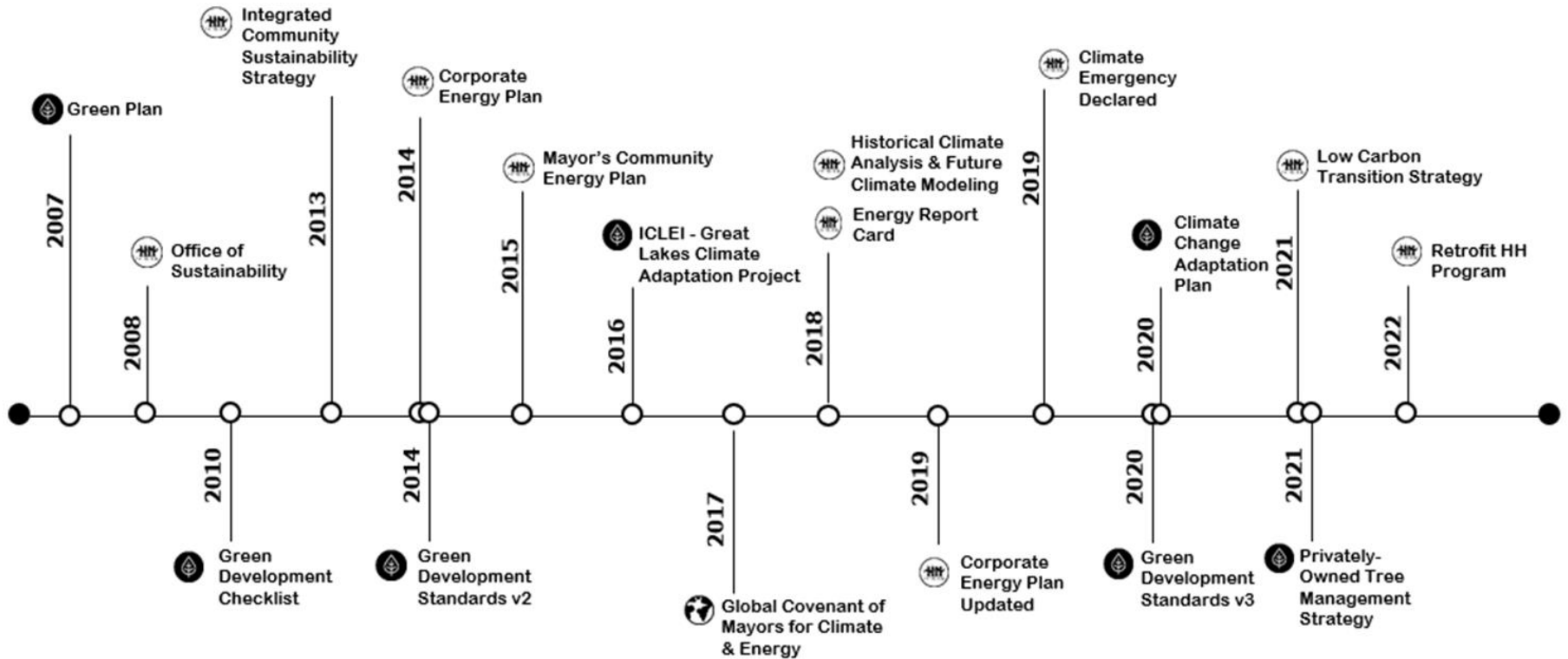
Climate
Change Council
Workshop

March 20, 2023

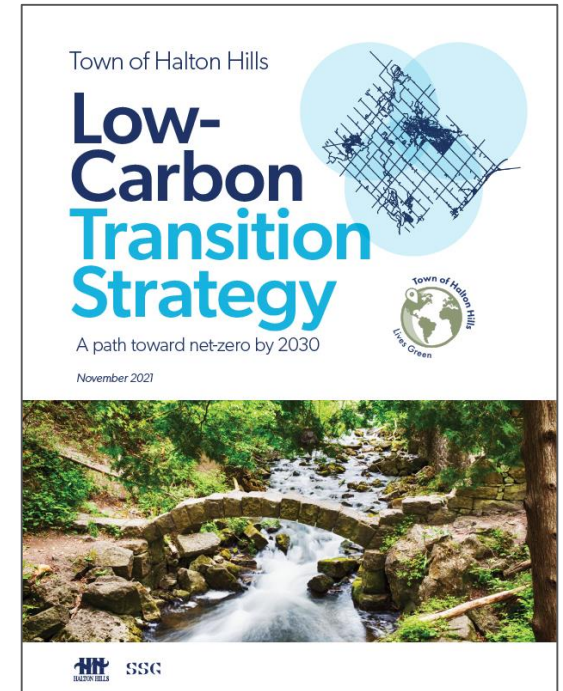
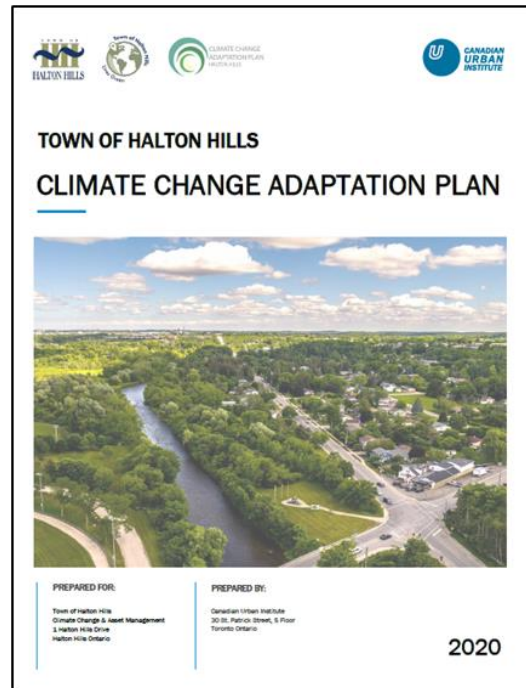
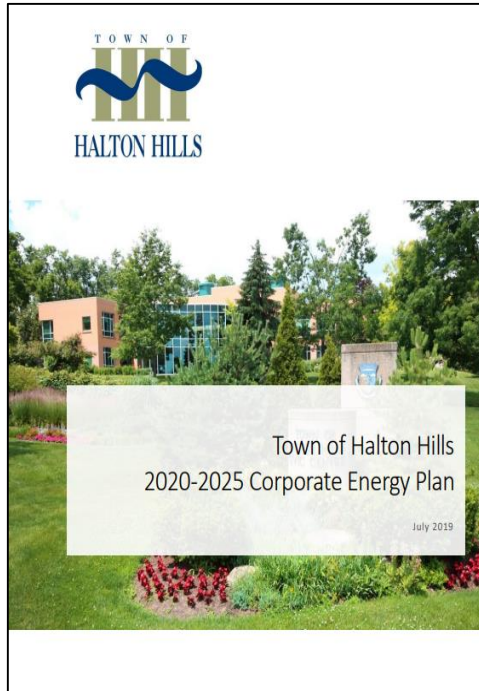
REPORT NO.
BEC-2023-005

May 29, 2023

Long-Standing History



Key Strategies



Halton Hills Approach

- Data-Driven
- Value for Money
- Affordability
- Mitigation and Adaptation
- Reduce Risks
- Legislated Requirements
- Community Engagement
- Measurable Results – People, Planet, Profit



Corporate Energy Cost

\$1.4M

Electricity

\$870K

Fleet Fuels

\$400K

Natural Gas

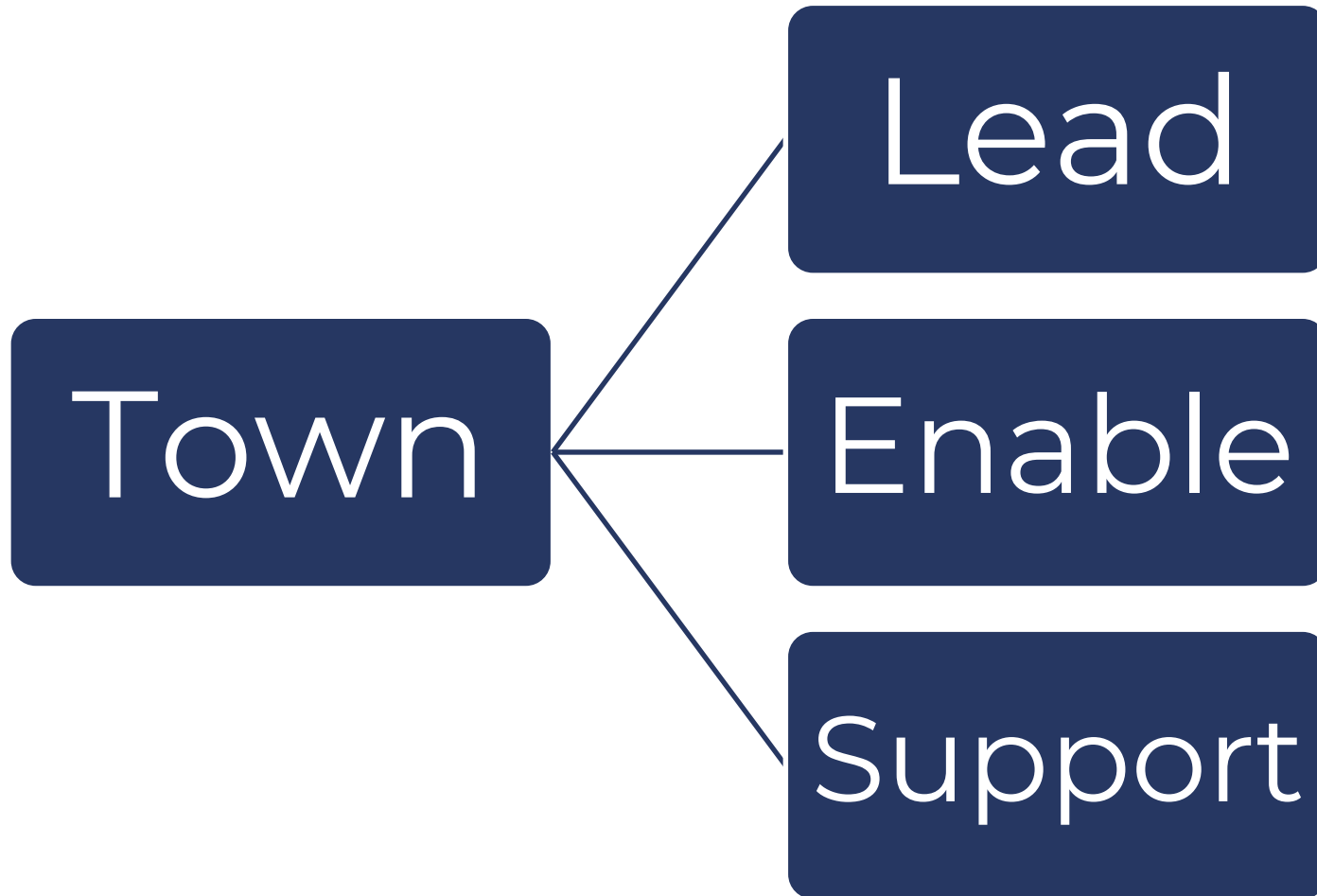
Community Energy Cost

\$200M

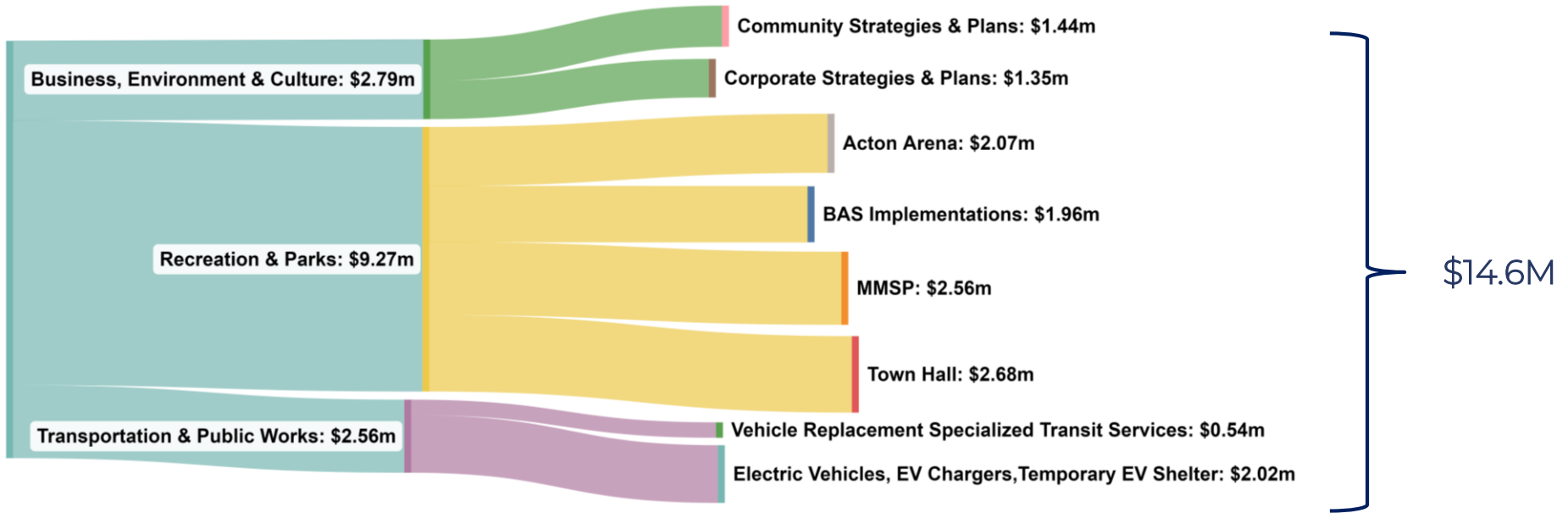
Approx. total
in 2023

+\$400M

by 2030



Corporate Investments: 2023-2032



2.8% of 10-year capital plan (\$518M)

Community Investments

\$2 Billion

Projected investment

\$854M

Return on
Investment



District
Energy
Systems



Retrofits
and on-site
renewables



Large Scale
Renewables



Electric
Vehicles

Workplan and Pending Projects

- **Appendix 3** - Ongoing implementation of **LCTS** and **CEMP** – identified in 10-year capital forecast – to be presented to budget committee each year
- **Appendix 4** - Need for additional resource – **Environment and Climate Change Specialist**
- **Throughout** – Efficient use of Town resources, **maximize external funding**, and bring **additional stakeholders** and **community partnerships** into the process

Workplan 2023-2026

- Municipal Facility Energy Efficiency Projects (ongoing)
- Net Zero Feasibility Studies – Facilities (2023-2026)
- Community outreach and education campaigns (ongoing)
- RetrofitHH program (2023-2026)
- Building Automation Systems study and implementation (2023-2025)
- Renewable Energy Cooperative Design Study (2024)

Pending Projects 2023-2026

- Climate Change Adaptation Plan implementation (2023-2026)
- Public & Privately-Owned Tree Management Strategies (2023-2026)
- Bird Friendly Community Resolution (2023-2026)
- Natural Asset Strategy (2024)
- Critical Local Business Identification Study (2025)
- Facilities Vulnerability Assessment Implementation (2026)
- Local Food Strategy (2026)

Community Governance Framework

- Regional Collaboration:
 - Halton Climate Collective
 - **New** Halton Municipal Climate Team
- Proposed Local Governance Framework
 - **New** Internal Advisory Team
 - **New** Community Climate Advisory and Implementation Group
- Report to Council with detailed description of proposed framework to follow

Questions

