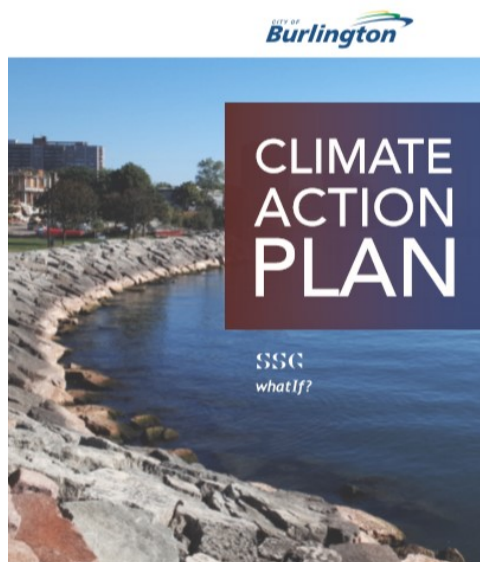


Residential Deep Energy Retrofit Pilot Program

EICS Committee
September 14, 2020



Staff Direction - July 6, 2020

- Direct the Exec Director of EICS to report back in September 2020 on the initial implementation of the Deep Energy Retrofit Program including but not limited to:
 - A scale-able home owner pilot project
 - Research on resident take up and commitment
 - Homeowner technical support for energy retrofits including the involvement of Burlington Enterprises Corp.
 - Staff report back with any financial implications of the pilot project



Options Considered

- City developed and delivered program
- Community based development opportunity – RFP
- Existing partnership/program
- Burlington Hydro/Enterprises Corporation



Engagement

- Municipalities
- Eco Superior, Thunder Bay & Green Venture, Hamilton
- BurlingtonGreen
- Burlington Enterprises (BESI) & Aladaco
- Enbridge
- Halton Environmental Network
- Clean Air Partnership
- Clean Foundation Nova Scotia
- Humber College – HERO program
- QUEST
- Survey companies
- Bay Area Climate Change Council
- Climate Action Plan Stakeholder Advisory Committee



Centre for Climate Change Management @ Mohawk College



- Existing partnership through the Bay Area Climate Change Council
- Home Energy Retrofits - work plan priority area
- Implementation team on buildings – community stakeholders
- Staff skills and knowledge available
- Mohawk College leading applied trade and skills institution
- Builds on our existing partnership and climate action
- Community engagement on Climate Action



Low Rise Home Energy Retrofit Delivery Program – Business Plan

- Identify core services
- Financially feasible business model
- Governance structure – transparency & accountability
- Define eligibility criteria; monitoring & evaluation frameworks
- Opportunities to scale & transfer solutions



Scale-able Home Energy Efficiency Pilot

- Home energy efficiency audits/incentives
- Market research
 - Survey of random sample of homeowners
 - Focus groups
- Education
 - Workshops & online sessions
 - Humber College & Clean Air Partnership
- Marketing - branding



Scale-able Home Energy Efficiency Pilot

Effective

Easy

Equitable

Accessible

Sustainable

Mitigation of Emissions



Municipal Consortium – Clean Air Partnership

- One stop web site
- Program marketing & outreach materials
- Application forms
- Client management system
- Client supports/resources
- Recognizing the diversity of municipal participants



Next Steps

- Develop & sign agreement with CCCM
- Market Research
- Develop & Implement Pilot
- Marketing/branding
- Homeowner education
- Business Plan for Home Energy Efficiency Retrofit Deliver Centre
- Continue to participate in discussions re: municipal consortium
- Report back to Council 2021 Q4



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