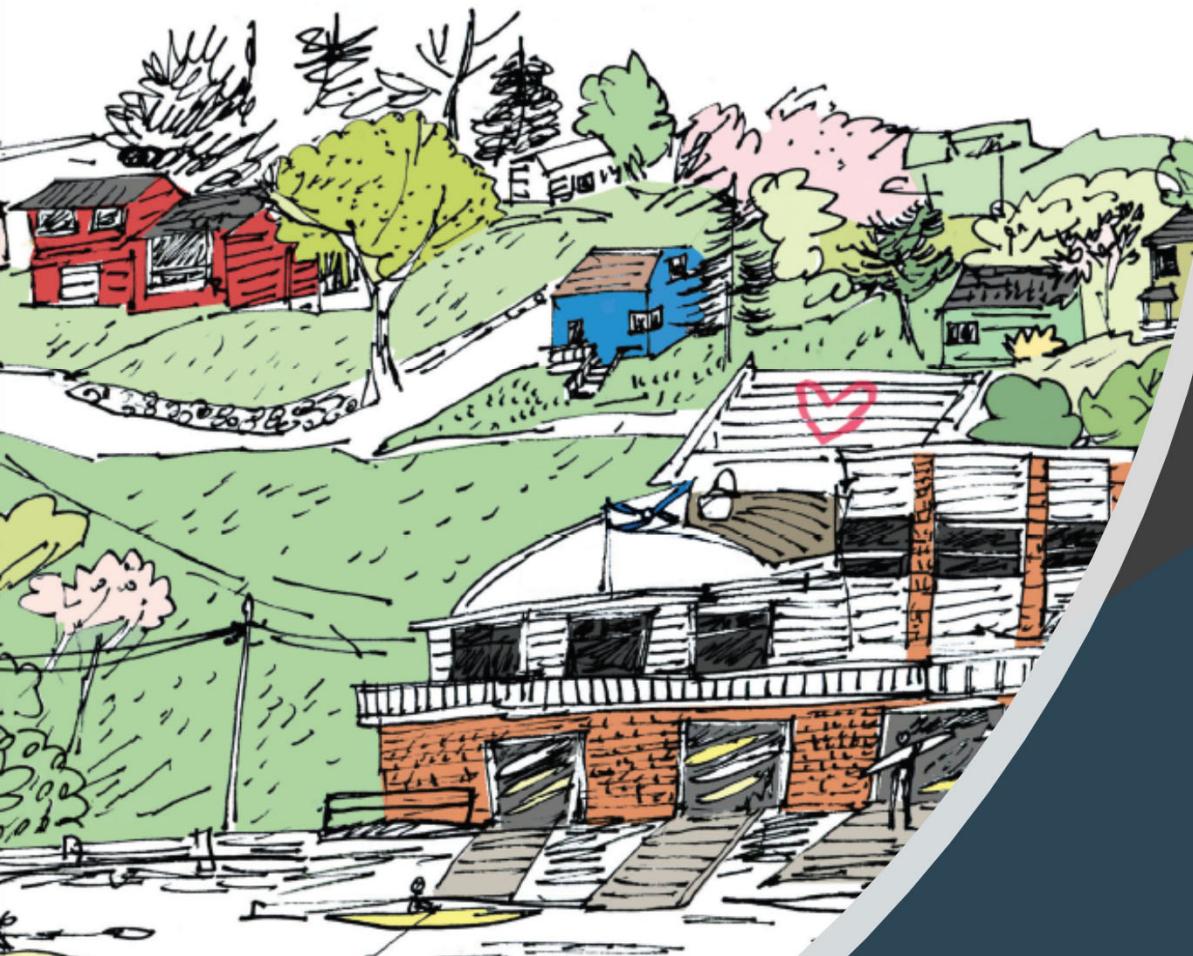


HalifACT 2050

ACTING ON CLIMATE TOGETHER



Re: Item No. 9.1.6

HALIFAX

Halifax Regional Council
June 23, 2020



Leading an equitable transition & building community resilience

Urgent & Transformative Action Needed

- Halifax's climate is changing
- Time is of the essence
- Ambitious targets & timelines
- Success through collective action



An Inclusive Process



100+ external
stakeholders



100+ internal
stakeholders



35 pop-ups
25 presentations



2,800+ visits to
Shape Your City



23,000+ votes on
All Our Ideas

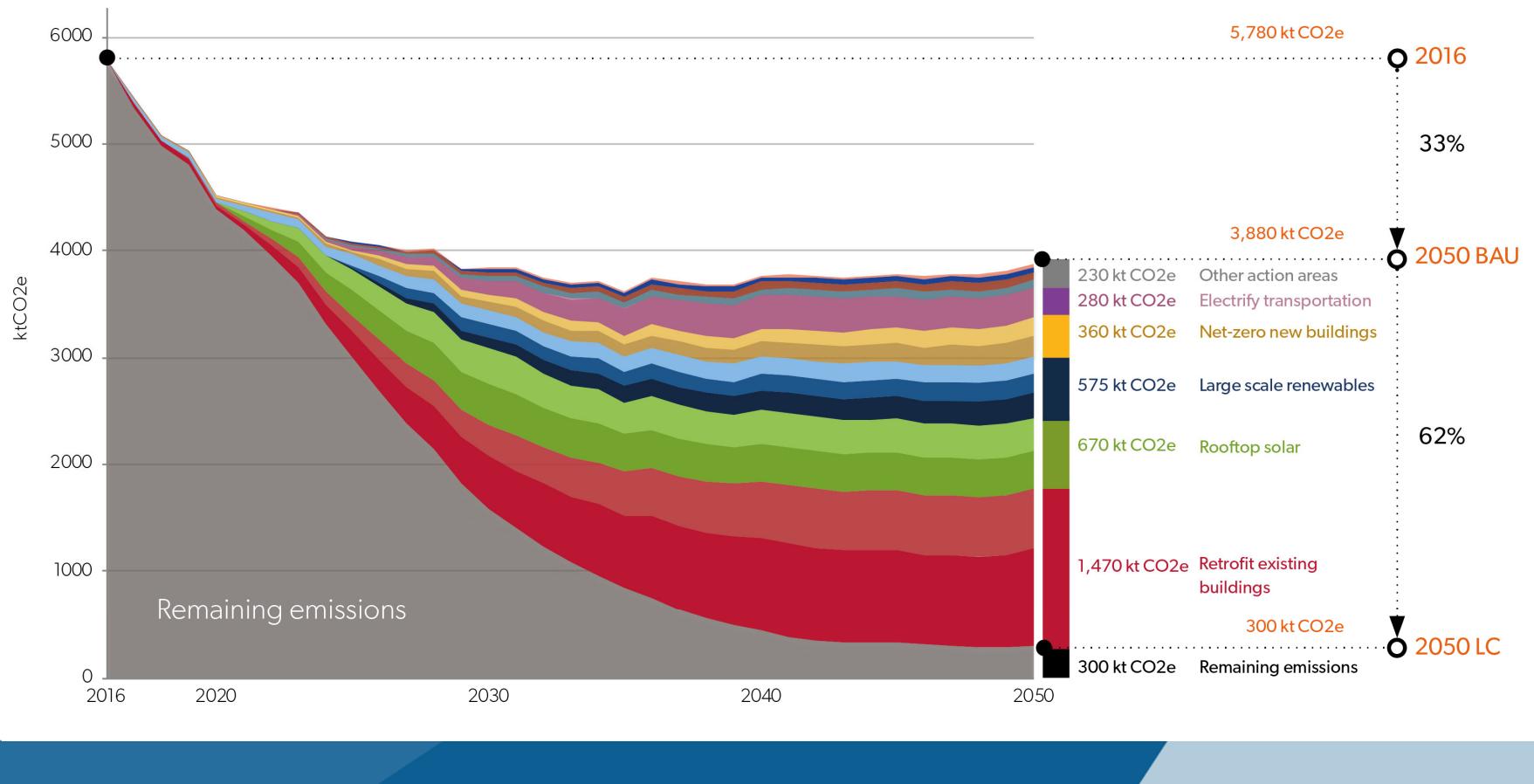


Climate **mapping**
with communities



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Low Carbon Pathway



Time for Action



Decarbonized
and Resilient
Infrastructure



Prepared and
Connected
Communities

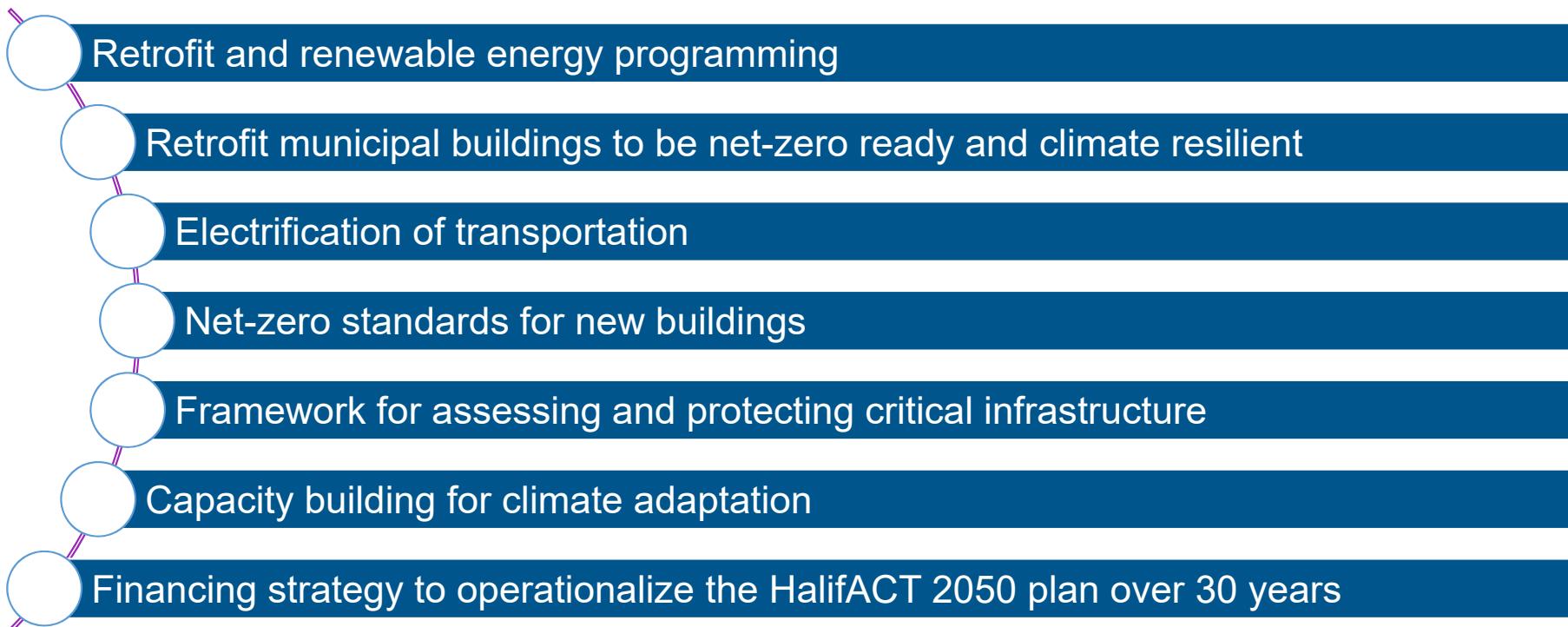


Governance
and
Leadership



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Immediate Action Areas

- 
- Retrofit and renewable energy programming
 - Retrofit municipal buildings to be net-zero ready and climate resilient
 - Electrification of transportation
 - Net-zero standards for new buildings
 - Framework for assessing and protecting critical infrastructure
 - Capacity building for climate adaptation
 - Financing strategy to operationalize the HalifACT 2050 plan over 30 years

Greening Municipal Operations by 2030

- Mainstream climate thinking
- Retrofit buildings by 2030
- Net-zero new buildings upon plan adoption
- Electrify fleet by 2030
- Increase waste diversion
- Generate renewable energy in municipally-owned projects
- Purchase local zero-carbon electricity



Economic Opportunity

- A low carbon future is a lower cost future
 - Investments generate financial returns
 - Net benefit of 22 Billion over 30 years
- Savings from:
 - Avoided energy costs
 - Avoided operations & maintenance costs
 - Avoided carbon pricing costs
 - Increased energy generation revenues
- Economic recovery from COVID-19 pandemic
 - A unique opportunity to do things differently
 - Funding opportunities for a green transition



Social Opportunity

- Reduce climate impacts on vulnerable populations
- Build resiliency to improve lives
- Reduce energy poverty
- Reduce the burden on future generations





HalifACT 2050 provides a pathway to success and a call to action to address the climate crisis together.