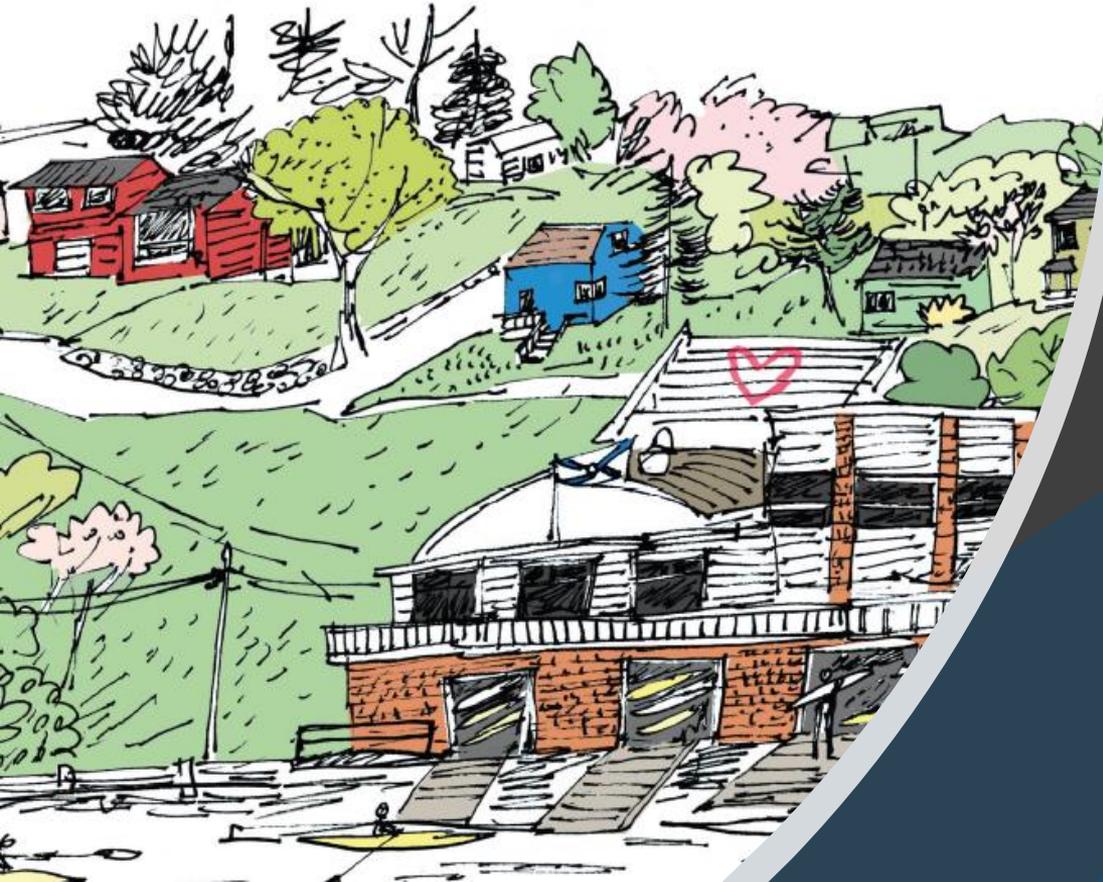


Re: Item No. 15.4.1

HALIFAX

Halif**ACT** / Acting on
Climate
Together



**HalifACT Annual Progress
Report 2022/23**

**Halifax Regional Council
January 9, 2024**

HalifACT Targets

- Net-zero municipal operations by 2030
- 75% community emission reduction by 2030 over 2016 levels
- Net-zero community emissions by 2050
- A low carbon future is a lower cost future

CLIMATE ADAPTATION MEASURES

\$1 saves \$15

Spent in
preparation

In future
impact costs

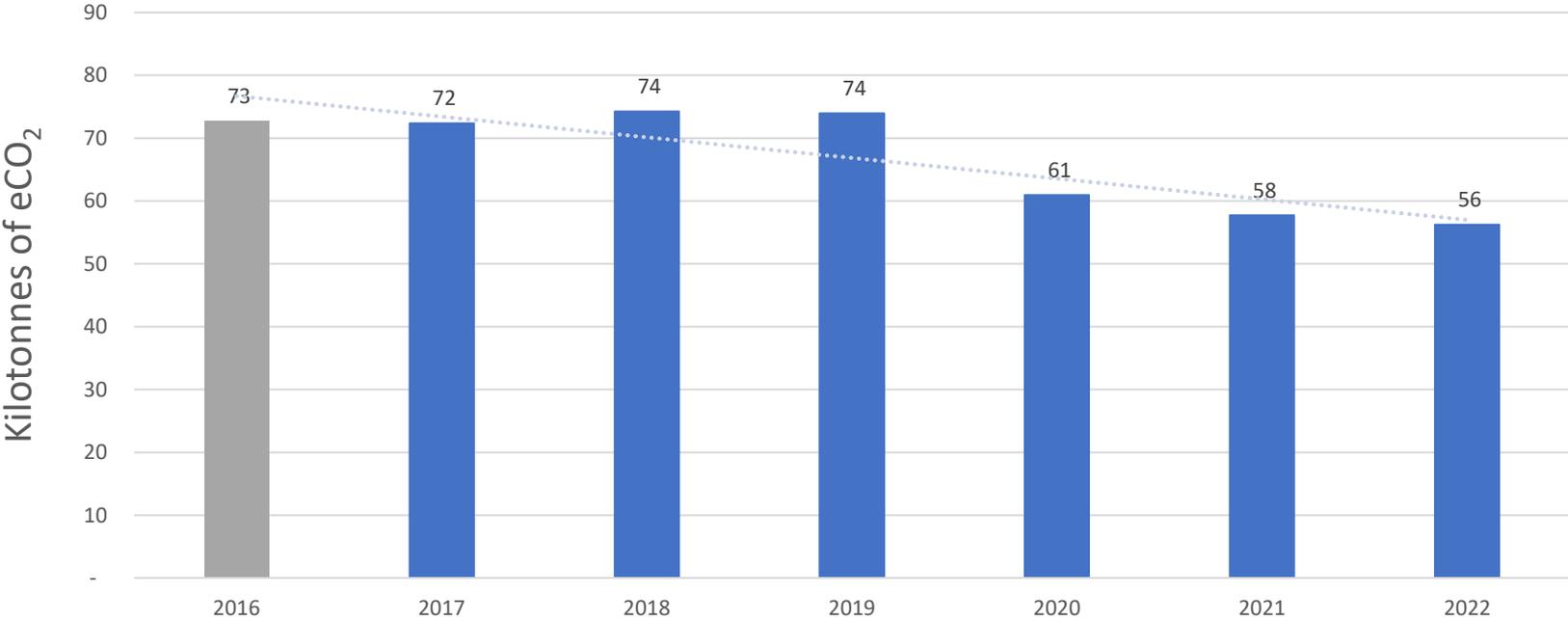
EMISSION REDUCTION MEASURES

22B = 41.9B

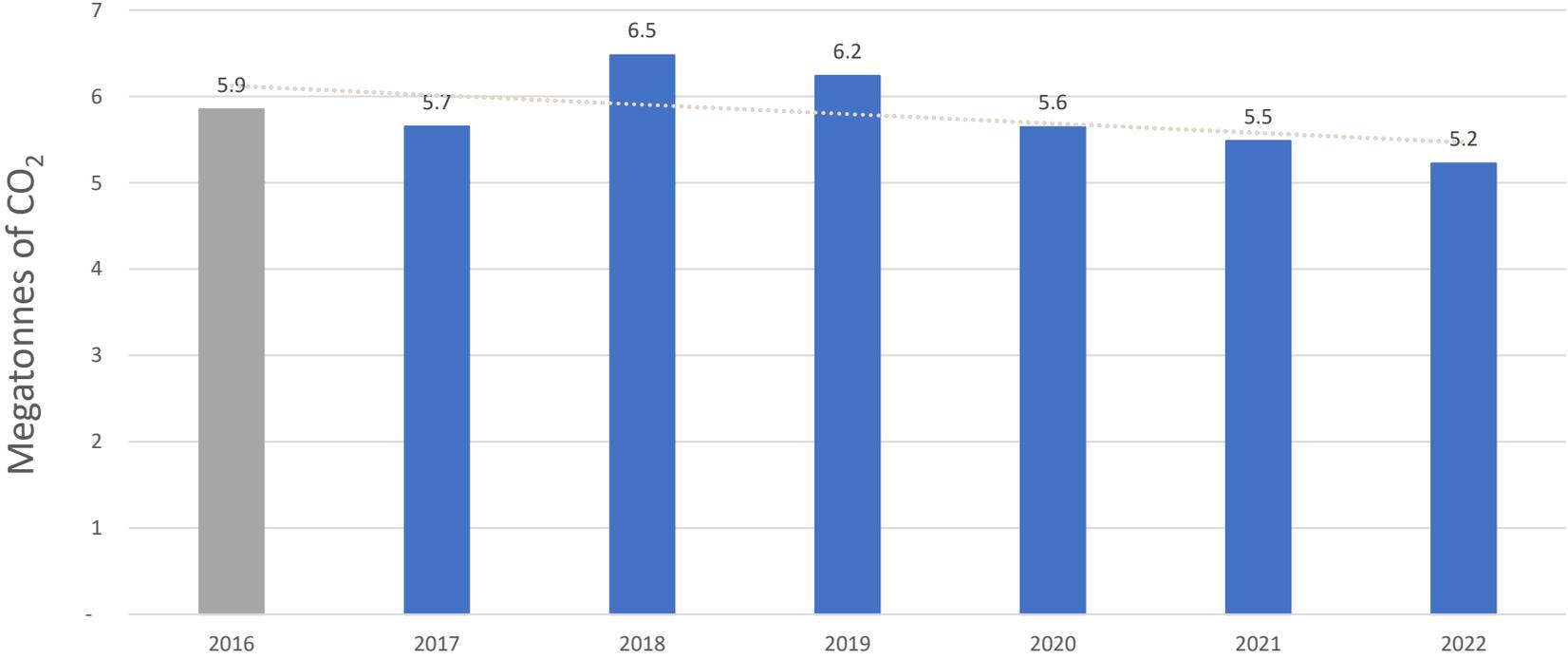
Spent on
reducing
emissions

In avoided
energy-
related costs

Corporate Emissions

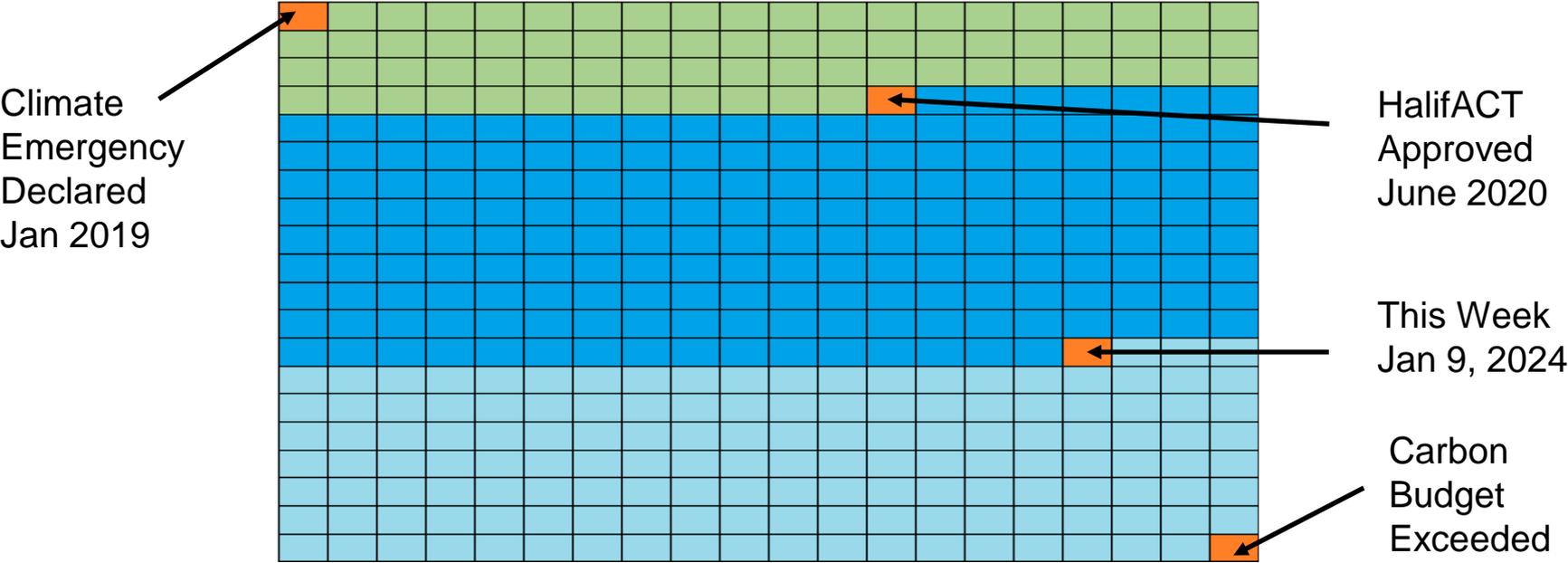


Community Emissions

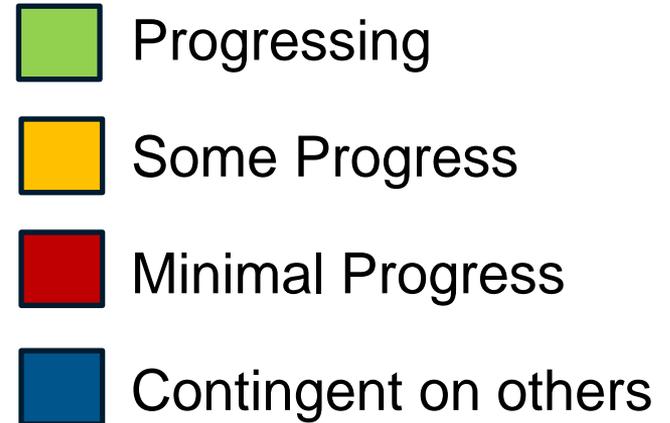
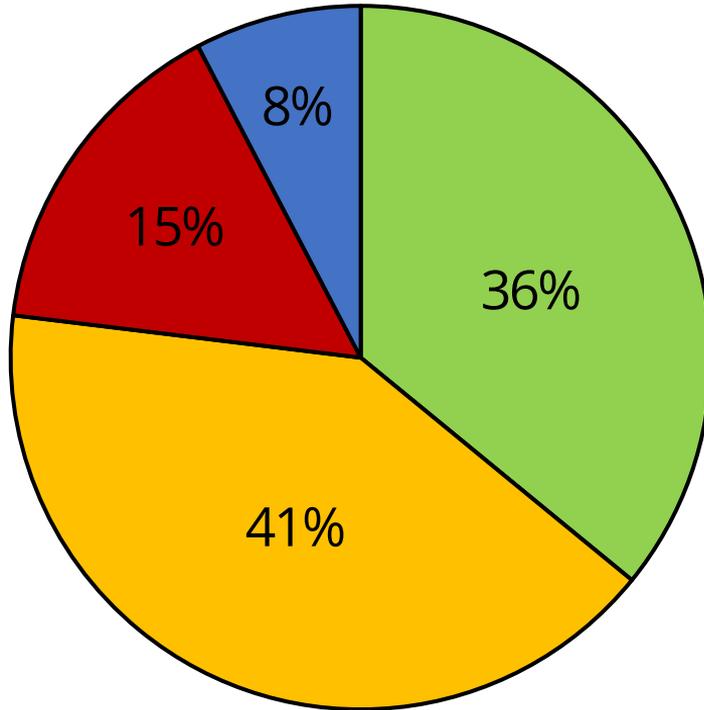


Carbon Budget & Time Crunch

- 256 weeks since Regional Council declared a Climate Emergency
- 144 weeks until we surpass our carbon budget under the Business-As-Usual scenario



Progress Summary



HalifACT Governance Model



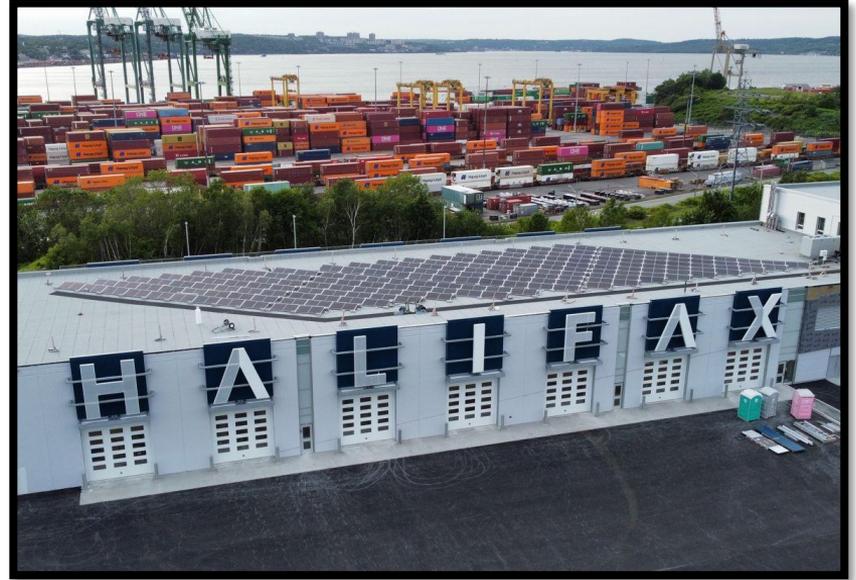


EBuses Phase 1

- 60 electric buses on order
- Ragged Lake Centre expansion
- 950kW of solar tendered
- Investigating battery storage

Municipal Buildings

- Administrative Order for net-zero new construction
- Deep energy retrofits focused on fuel switching
- 2.7 MW of solar installed or planned



Decarbonizing Transportation

- Public charging infrastructure
- Policy and education
- 60 plug-in hybrid or fully electric vehicles have been ordered, with 36 delivered
- Fleet charging designs complete



Climate Resilience

- Shore Road natural infrastructure project
- Working with partners to explore options for building back better
- Critical infrastructure climate risk analysis underway



HalifACT in Action

- A Grade from Carbon Disclosure Project
- Launch of CEO Climate Action Charter
- Storm kits for newcomers
- Solid Waste Strategy Review & Organics Management
- Regional Plan update
- Resilient & Deep Energy Retrofit Pilots
- Virtual Climate Hub
- LakeWatchers



Halifax



Climate action is a competitive advantage

- HalifACT recognized as Top Project in national Clean 50 Awards in 2022
- Ranked 11th among 70 cities in the 2023 Corporate Knights' Sustainable Cities Index
- Climate actions covered in local and national news
- Sustainability subcommittee for hosting the JUNOS in March 2024 in Halifax
- Businesses choosing to expand to Halifax, major global events choosing Halifax – in part because of climate action & ambition

Thank You

Shannon Miedema
Environment & Climate Change
www.halifax.ca/climate

