

Halif**ACT** Acting on
Climate
Together



HalifACT: 2021-22 Annual Progress Report

Environment & Sustainability
Standing Committee

November 3, 2022

Agenda

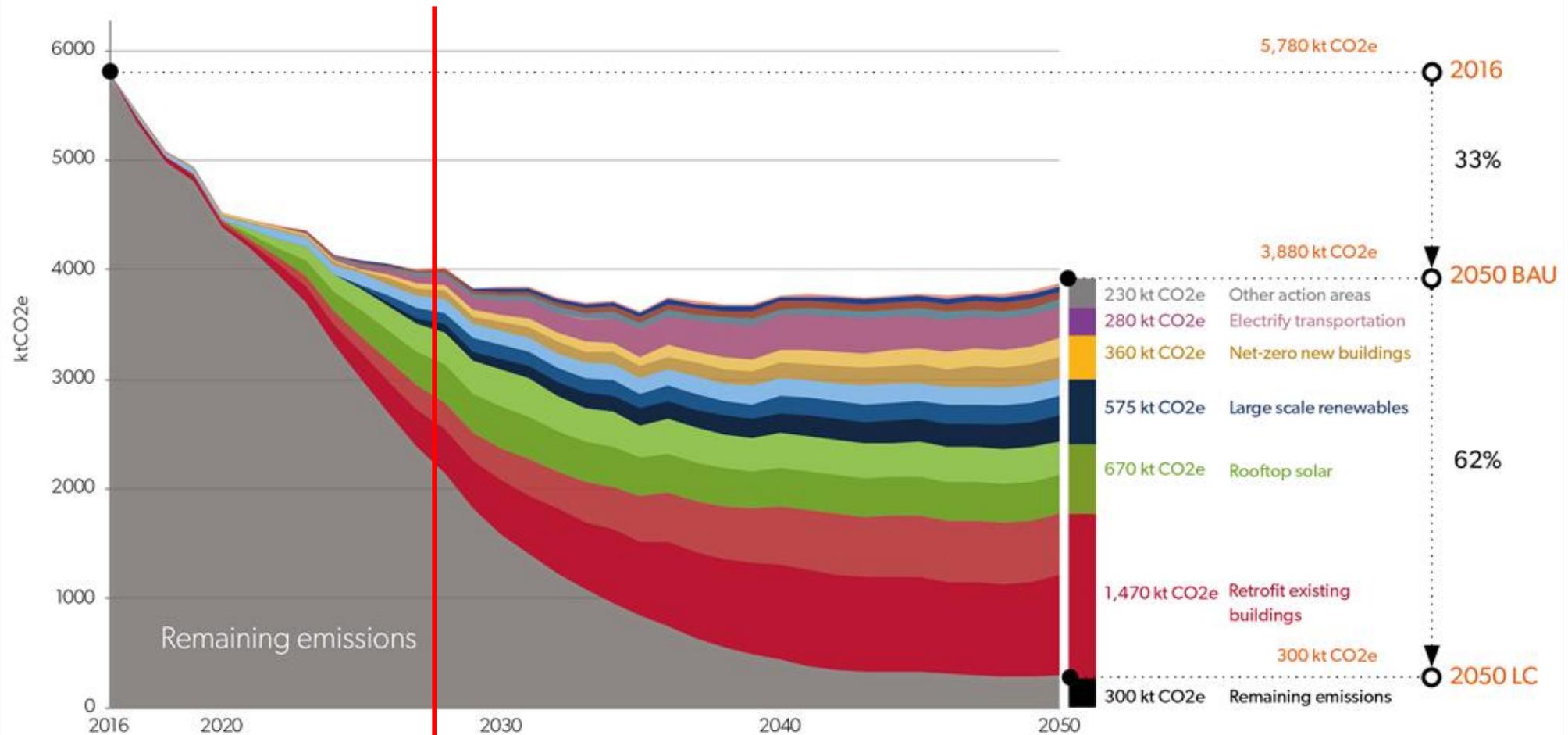
- ❖ **HalifACT Core and Enabling Areas**
- ❖ **GHG Emissions in 2021**
- ❖ **HalifACT Progress in 2021-22**
 - Corporate progress on HalifACT in 2021-22
 - Community climate action highlights in 2021-22
- ❖ **Moving Forward**

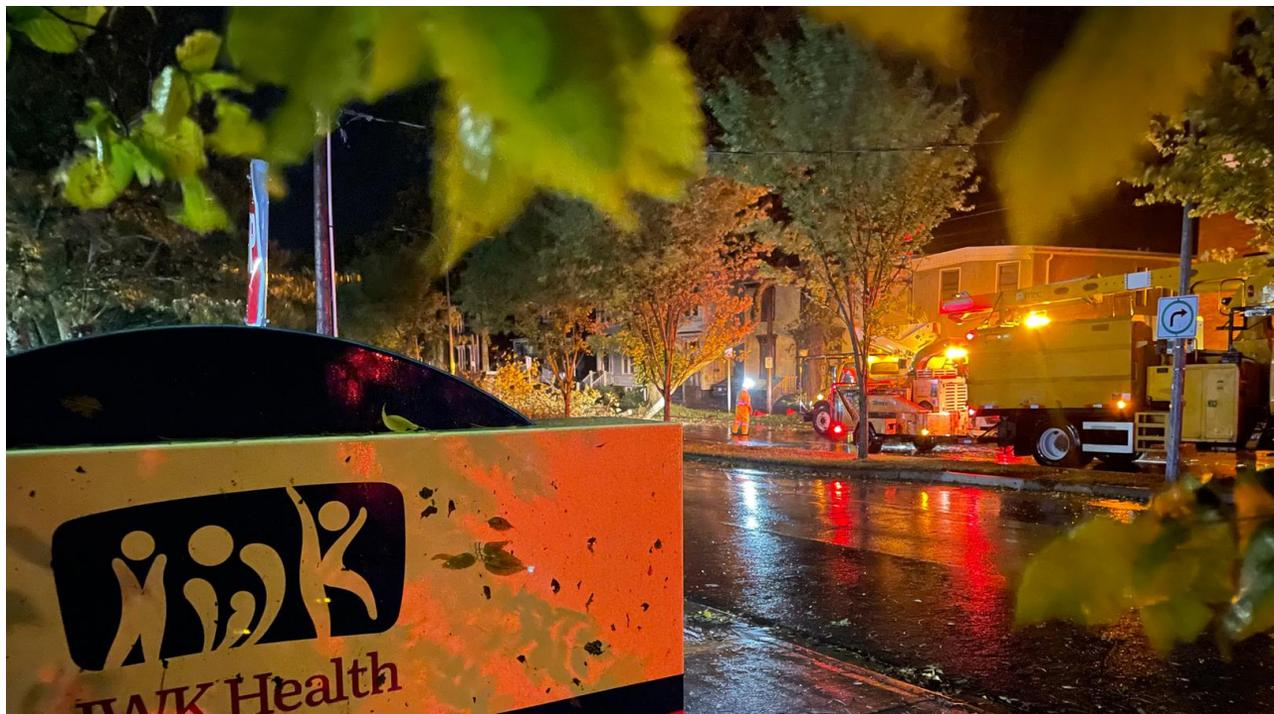
HalifACT Priorities: Core & Enabling Areas

- 1 Create New Retrofit and Renewable Energy Programming
- 2 Retrofit Existing Municipal Buildings to be Net-Zero Ready and Climate Resilient
- 3 Catalyze Decarbonization of Transportation
- 4 Require Net-Zero and Climate Resilient Standards for New Buildings
- 5 Develop a Framework for Protecting Critical Infrastructure
- 6 Work with Nature to Increase Climate Resilience
- 7 Community Capacity for Climate Adaptation and Climate-Related Emergencies

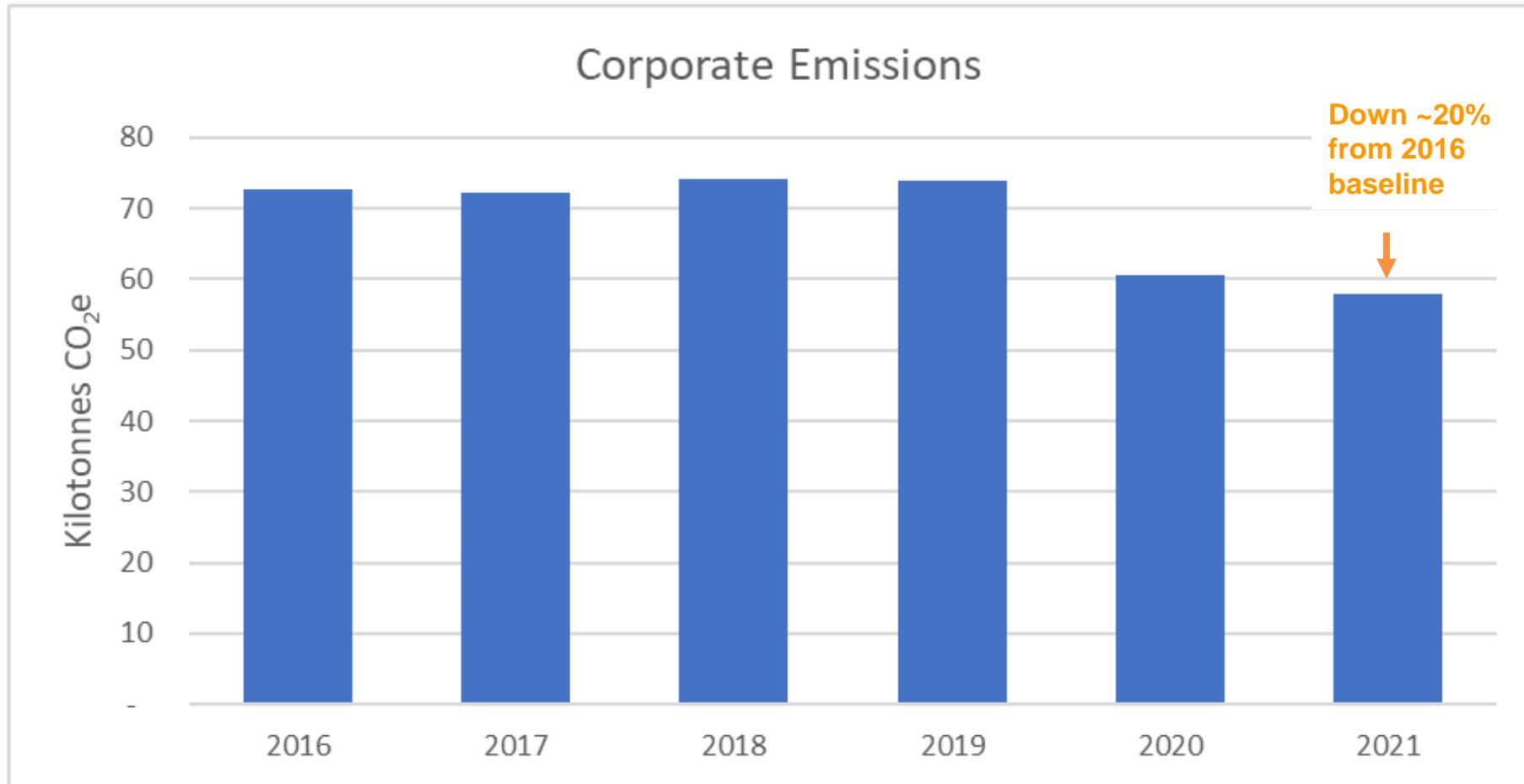
Enabling Financing, Governance, Reporting, Engagement

The Reduction Required

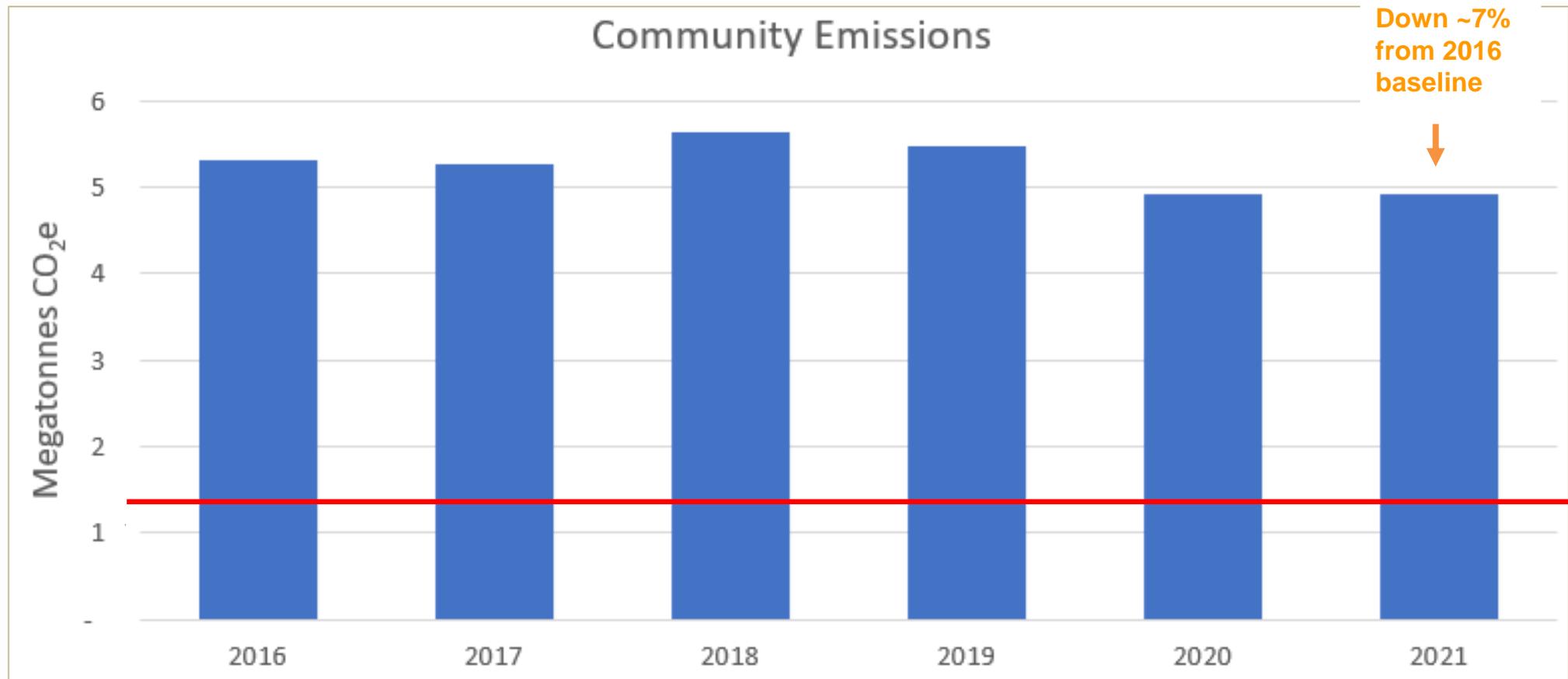




Corporate Emissions in 2021



Community Emissions in 2021



How progress was rated in 2021-22

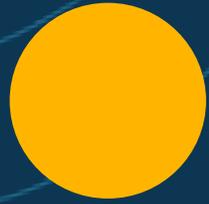
Rating	Description
Progressing (11)	Progress was made on this action in 2021-22 and the work is tracking towards associated HalifACT target(s).
Some progress (19)	Little to some progress was made on this action in 2021-22, and the action is at risk of falling behind in its associated HalifACT target(s).
Minimal / no progress (5)	Minimal to no progress was made on this action in 2021-22 and the action is falling behind in its associated HalifACT target(s).
Contingent on others (2)	Progress in 2021-22 was contingent on/awaiting policy development from the Government of Canada or from the Government of Nova Scotia.
Future Action (16)	Implementation of action is slated for a later date and has not yet begun.



Where we made good progress in 2021-22

30% of in-flight actions (11 out of 37)

- ✓ Completed the draft HRM Building Energy Roadmap;
- ✓ Conducted deep energy retrofits on municipal buildings including the Dartmouth North Community Centre, Woodside Terminal and Fire Station #2;
- ✓ Reached funding agreement to purchase 60 electric busses and do a deep-energy retrofit of the Ragged Lake Transit Centre;
- ✓ Passed the HRM Municipal Electric Vehicle Strategy;
- ✓ Awarded study to analyze GHG emissions from solid waste;
- ✓ Continued implementation of the Integrated Mobility Plan;
- ✓ Continued implementation of the JustFOOD program;
- ✓ Increased staff capacity (six additional positions in 2021-22)



Where we made some progress in 2021-22

51% of in-flight actions (19 out of 37)

- Approved pilot for Retrofits, Renewables and Resiliency (R3) program
- Continued delivery of the Solar City Program
- Installed pilot projects to test stormwater management infrastructure
- Continued implementation of Urban Forest Master Plan & Green Network Plan
- Completed a natural asset inventory for HRM
- Updated extreme water level projections for municipal coastline
- Initiated work on flood hazard mapping for entire municipality
- Delivered a storm kits for newcomers pilot through the public libraries
- Began integrating a climate lens into municipal financial processes



Where we made minimal progress in 2021-22

14% of in-flight actions (5 out of 37)

- Identifying critical infrastructure and systems that are at risk of climate impacts through a High-Level Risk Assessment for entire municipality
- Identifying and prioritizing critical infrastructure and systems owned and operated by HRM and that are at risk of climate impacts
- Integrating climate into emergency management response
- Implementing a region-wide tree-planting program, including planting on private property

Progress Summary

In **2020-21**, **20%** of
HalifACT
actions were ON TRACK

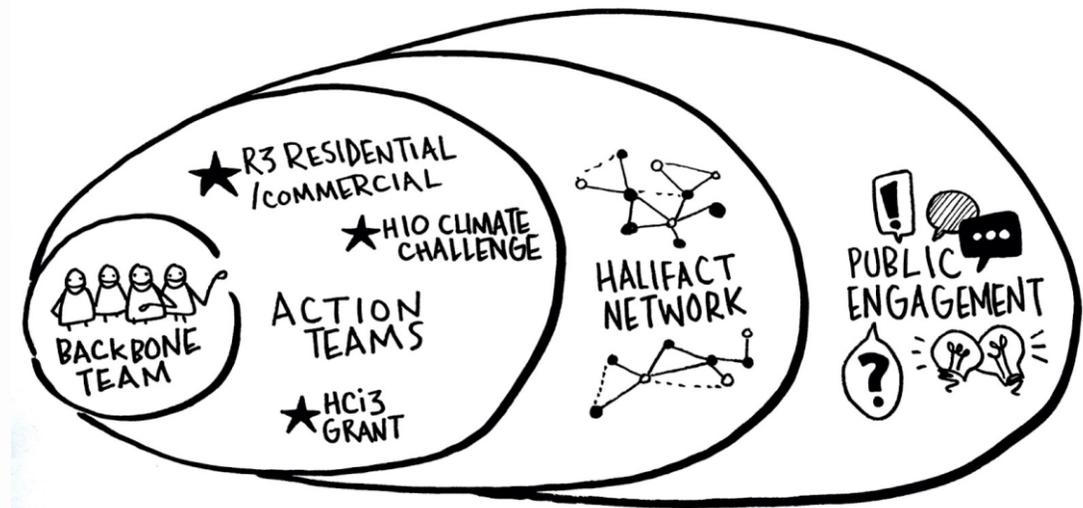


In **2021-22**, **30%** of
HalifACT
actions were ON TRACK



HalifACT is a community plan

- ❖ HalifACT staff continued working with external partners through a lens of collective impact in 2021-22
- ❖ These partnerships and leveraged funding are crucial for the success of HalifACT
- ❖ HalifACT Action Network has over **400 members** from government, utility, business, non-profit, academic, advocacy, and other sectors
- ❖ Huge scope of work happening in Halifax; highlights from some of these sectors and partners in 2021-22 are included in the annual report



Moving Forward

Context that we expect to impact progress & how we report, moving forward

- ❖ Climate Action Tax was approved in 2022-23
- ❖ Disbursement of resources towards 3-year Resource Plan begun in 2022-23 (including new FTEs to deliver work)
- ❖ Shared accountability for BUs & divisions on actions was updated in 2022-23
- ❖ BUs began including HalifACT in Business Plans in 2022-23
- ❖ HRM continuing to expand work with external partners on climate action
- ❖ Staff are establishing a governance structure for HalifACT through a change management lens





Thank You

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