



Context 2019





'Catastrophic' climate change is accelerating faster than predicted



Climate change is accelerating, with carbon dioxide levels increasing, sea levels rising and ice sheets melting faster than ever, experts have warned.





What are Calgarians saying?

In 2019 Calgarians shared their perceptions on climate change:

77% "I think we need to act now to address climate change"

76% "I am concerned about climate change"

73% "I want to do more personally to help prevent climate change"

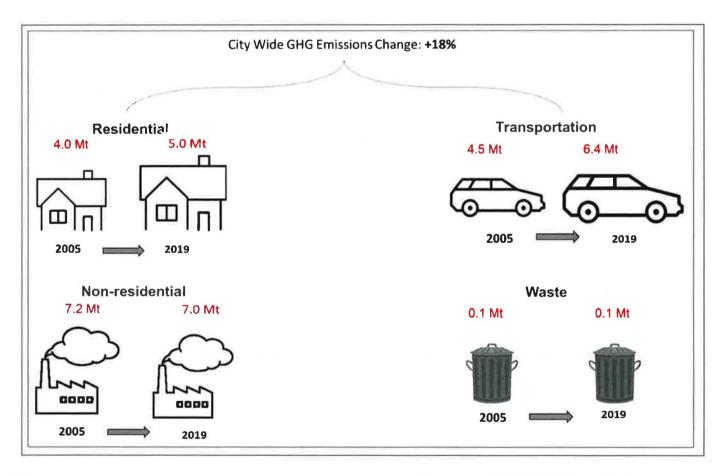
72% "I think Calgarians should be doing more to help prevent climate change"

A Citizen Perspectives Survey was conducted from 16-23 September 2019, asking 504 Calgarians by phone about their opinions on extreme weather events, measures taken to mitigate impacts of these events, and climate change. Questions in the climate change section were new in the 2019 survey and as such, do not have corresponding 2018 data.

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Status of GHG Emissions

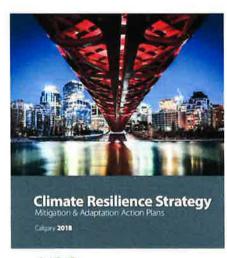


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Progress



244 Total Actions

36

Actions completed

166

Actions in progress

42

Actions not started

Progress Areas

- 1. Buildings, Infrastructure and Energy
- 2. Transportation and Land Use
- 3. Consumption and Waste
- 4. Natural Infrastructure
- 5. Integrated Watershed Management
- 6. Community Outreach and Education
- 7. Leadership and Governance



Climate Actions in 2019

Rosedale, These homes will Program 1: Energy

standards In

be substantially constructed performance

offshe and delivered to

provide secure, enemy

el ident, alfordable housing

Community volunteer tree planting as part of t

nabilar restoration project



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Information on hazards and

Calculians can take to prepare

and empored for about hoursels and infrastructure failure.

Program 13: Severe weath



Calgary Climate Panel Recommendations

Challenges

Implementation and Credibility

Resources and Funding

Alignment – Policy and Initiatives

Opportunities

Leadership & Effective Governance

Resource
Capacity and
Funding
Opportunities

Project prioritization and Partnerships



Climate Actions for 2020 (Examples)

A Well-Managed Program

- Low Carbon Cities Canada (LC3)
- Internal Corporate Governance
- Climate Investment Criteria
- Measurement and Reporting

Reduced Corporate and Community Risk and Vulnerability

- Review engineering design guidelines
- Training and technical assistance
- Collaborative actions with development industry

Reduced Corporate and Community Emissions

- Residential Energy Labelling
- Utilities and development opportunities
- Corporate
 Emissions and
 Energy Plan
- Climate in Planning and Development

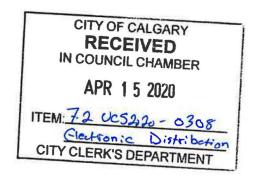
Awareness and Education

- Climate 101 Internal awareness
- Climate campaign – community awareness
- Citizen Action
- Climate data sharing
- Working with other cities

^{*}continue with existing programs



Recommendation



That the Standing Policy Committee on Utilities and Corporate Services recommend that Council direct administration to:

1. Direct Administration to return to Standing Policy Committee on Utilities and Corporate services, as required, between annual reports with a briefing report update.

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