

ISC: Unrestricted

Utilities and Corporate Service (UCS) 15 April 2020



CS2020-0308



### 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.



JCS2020-0308



## What are Calgarians saying?

#### In 2019 Calgarians shared their perceptions on climate change:

770/6 "I think we need to act now to address climate change"

76% "I am concerned about climate change"

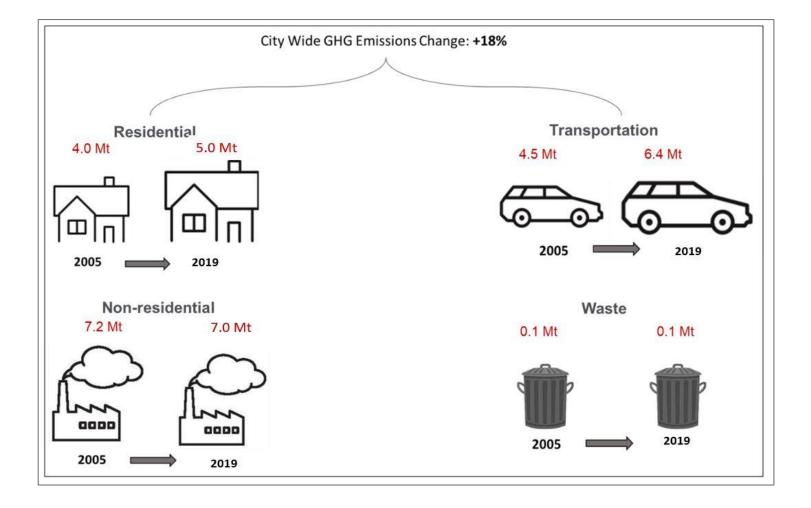
73% "I want to do more personally to help prevent climate change"

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.



### **Status of GHG Emissions**



ICS2020-0308

15 April 2020 UCS2020-0308



# **Progress**



**244** Total Actions

**36** Actions completed

**166** Actions in progress

**42** Actions not started

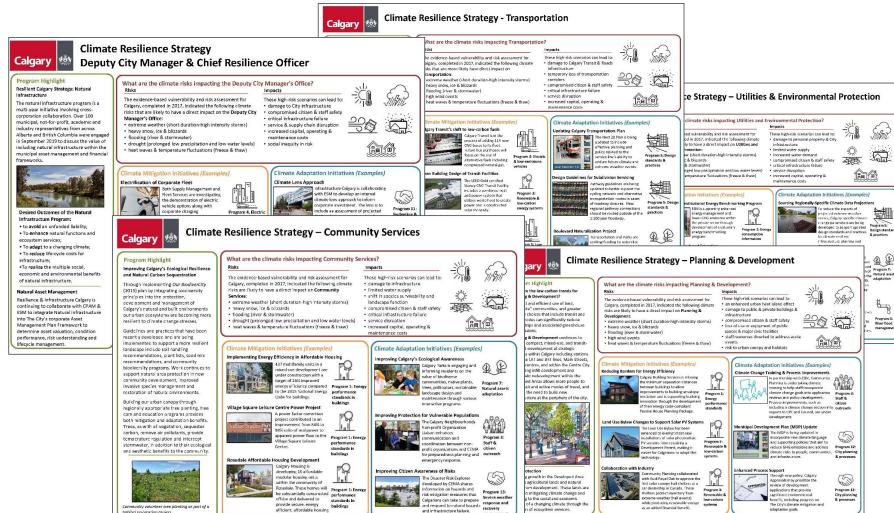
#### **Progress Areas**

- 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

buildings



and respond to natural hazard and infrastructure failure

of a changing climate through the

while producing renewable energy as an added financial benefit.



## **Calgary Climate Panel Recommendations**

#### **Challenges**

Implementation and Credibility

Resources and Funding

Alignment – Policy and Initiatives

#### **Opportunities**

Leadership & Effective Governance

Resource
Capacity and
Funding
Opportunities

UCS2020-0308

Project prioritization and Partnerships

CS2020-0308

15 April 2020



## 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

UCS2020-0308

<sup>\*</sup>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.