

Calgary

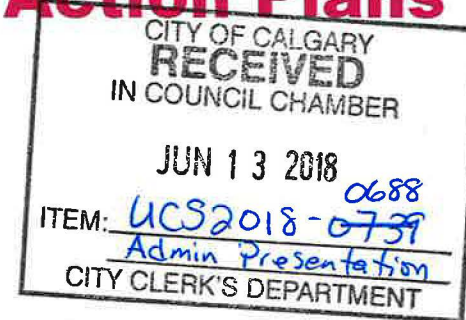


Climate Resilience Strategy and Action Plans

Utilities and Corporate Services

June 13, 2018

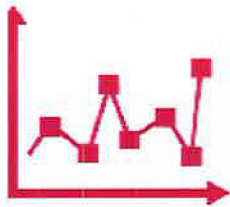
Dick Ebersohn
UEP, Environment & Safety Management





Building Resilience at The City

*A great place to make a living,
a great place to make a life*



From Goals to Actions

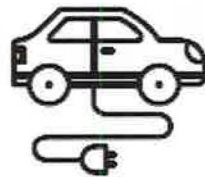




Mitigation and Adaptation

MITIGATION Reduce Emissions

Sustainable transportation



Clean energy

Energy efficiency



ADAPTATION Manage Risks

Disaster management & business continuity



Flood protection



Infrastructure upgrades

Calgary



Climate Mitigation Action Plan

Reducing carbon emissions & Enable the low carbon economy





Mitigation: City Wide Low Carbon Scenarios





Mitigation Actions

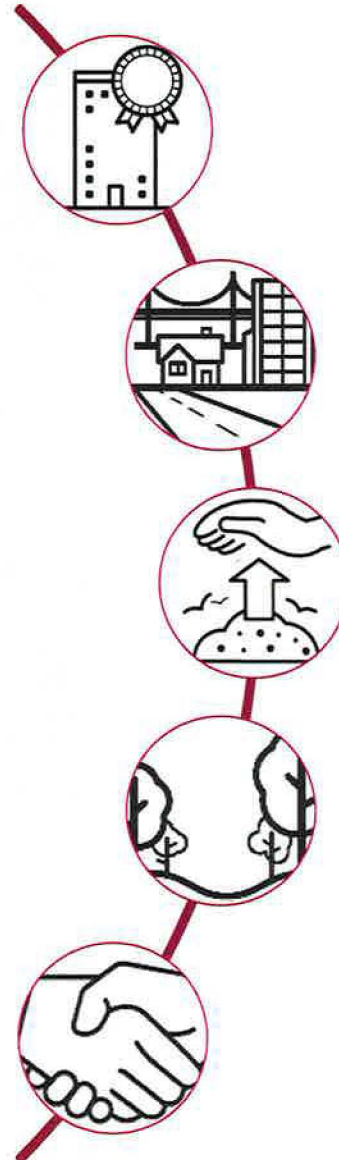
Buildings and Energy

Land Use and Transportation

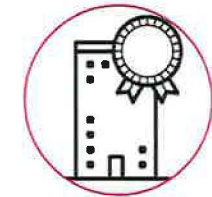
Waste and Consumption

Natural
Infrastructure

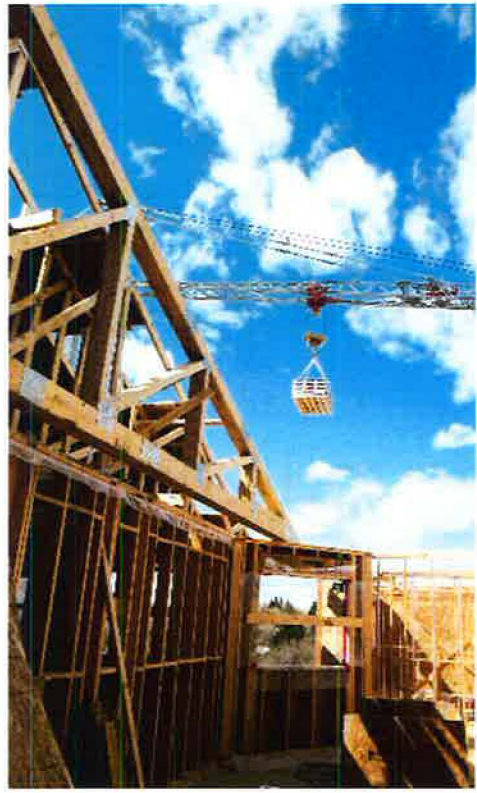
Leadership



Buildings & Energy



Program 1



Energy Performance Standards

Program 2



Energy Consumption Information

Program 3



Renewable and Low-carbon Energy Systems



Climate Adaptation Action Plan

Reducing risk and vulnerabilities in City operations and services

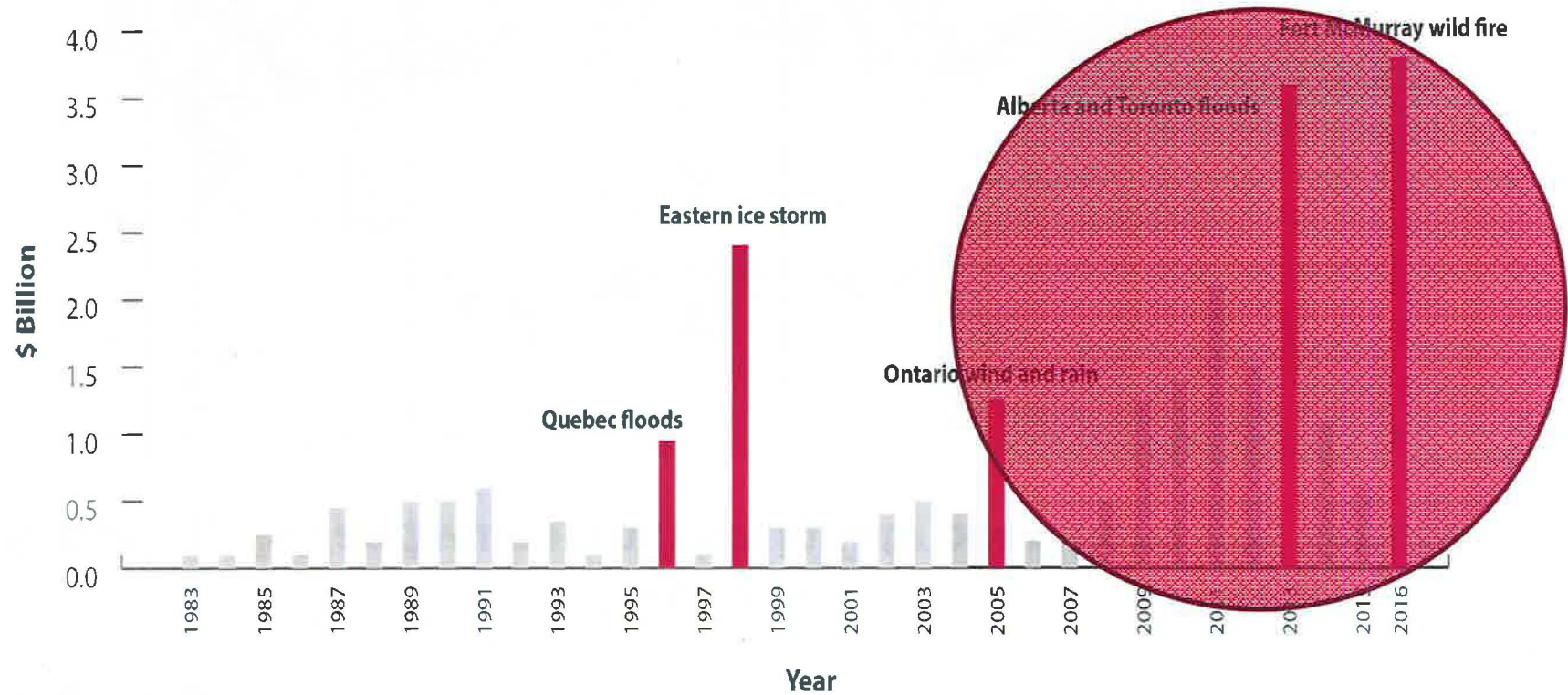


Extreme Weather

7/10 costliest disasters in Alberta

Catastrophic Insured Losses

Source: Insurance Bureau of Canada





Adaptation Actions

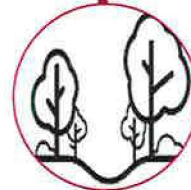
People



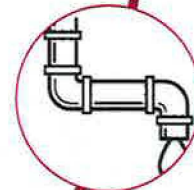
Infrastructure



Natural Infrastructure



Water Management



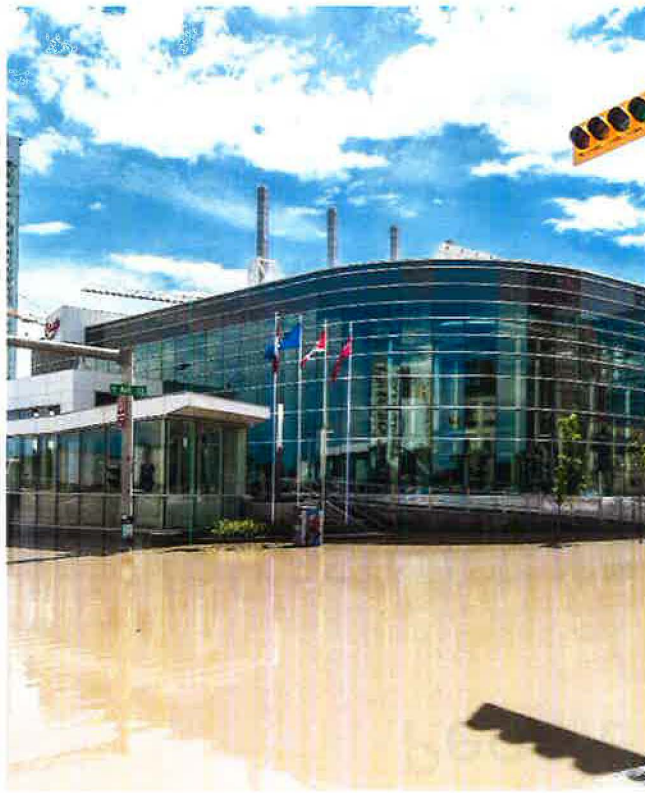
Governance



Infrastructure



Program 1



Backup Power for Critical Infrastructure

Program 2



Design Standards and Practices



What's Next

1. Actions in OneCalgary
2. Collaboration with Industry partners
3. Citizen education and engagement
4. External funding opportunities
5. Annual monitoring and reporting on progress



Recommendation:

That Council:

1. Approves the Climate Resilience Strategy and Action Plans