



Urban Planning and Economy

Edmonton

**Climate and Resiliency Mitigation
- Priority Projects**

Decision

**DECISIONS MADE TODAY ABOUT HOW WE DESIGN
AND BUILD OUR CITY
WILL SET THE COURSE FOR OUR FUTURE CLIMATE
RESILIENCE.**

ENERGY TRANSITION

transitioning to a
low carbon future

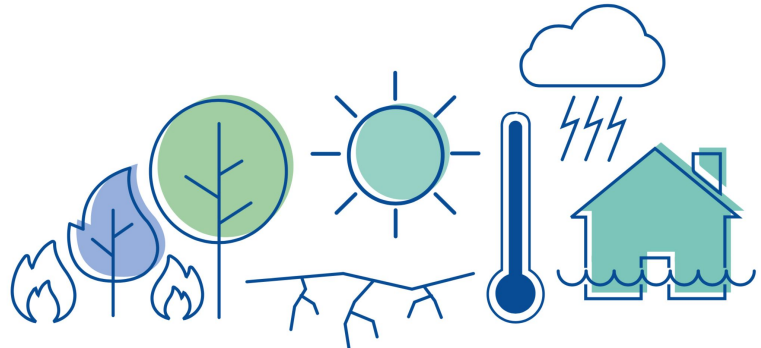
GREENHOUSE GAS EMISSIONS
CAUSE CLIMATE CHANGE



ADAPTATION

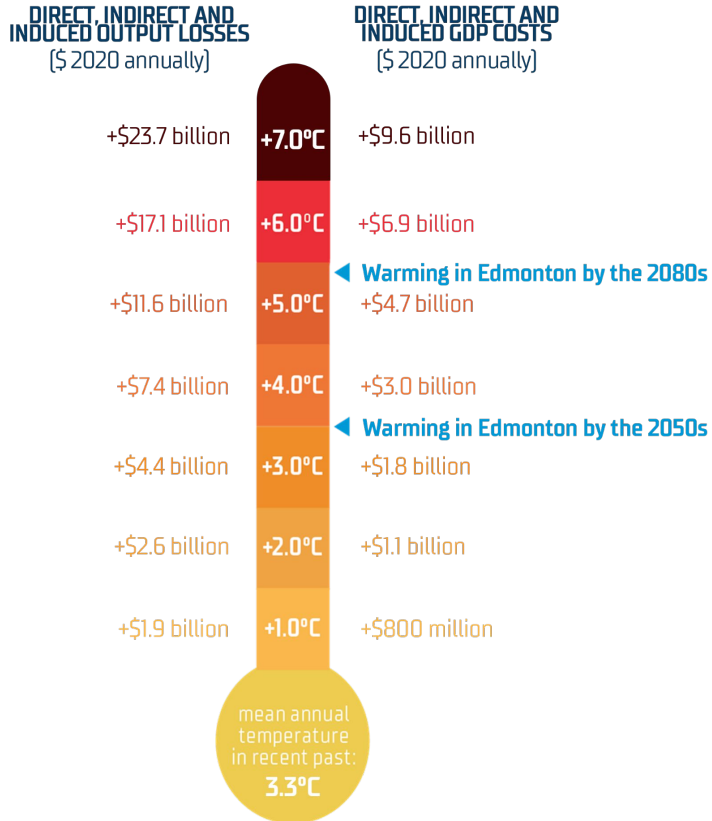
adapting to a
changing climate

CLIMATE CHANGE
IMPACTS EDMONTON



Edmonton

Background



- Edmonton's GDP could be reduced by \$2.1 billion annually on average by the 2050s
- An additional 22,000 health incidents a year are expected to occur by the 2050s

Climate Resilient Edmonton: Adaptation Strategy



SCIENCE AND EVIDENCE BASED DECISION MAKING

PREPARING FOR CHANGING TEMPERATURES

PREPARING FOR CHANGING PRECIPITATION

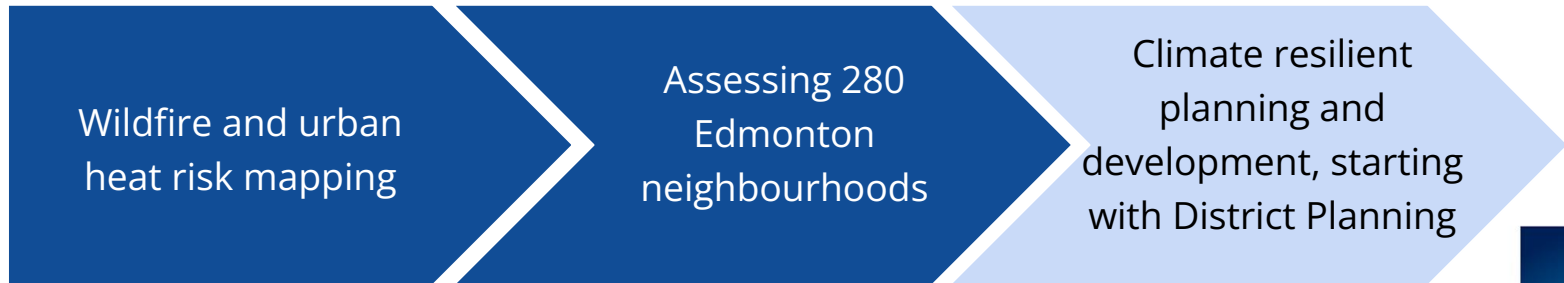
PREPARING FOR CHANGING WEATHER EXTREMES

PREPARING FOR CHANGING ECOSYSTEMS

Climate Action Underway

- 2018-2022: \$500k/annually includes staff
- Implementation has been staged

Example of Implementation



Future Efforts

Adaptation Priorities & Projects

- Preparing infrastructure and adapting services
- River and ravine flooding defense
- Climate resilient infrastructure and facilities
- Community climate social resilience program
- Partnership and advocacy
- Preparing people and communities

Perspectives

75% CONCERNED ABOUT CLIMATE CHANGE

77% AGREE ON THE NEED TO TAKE ACTION NOW

Low and fixed income people and families are disproportionately impacted by climate change

Next Steps

2023-2026 Operating and Capital Budget will set the pace for continued implementation of the Adaptation Strategy

Questions and Thank You