

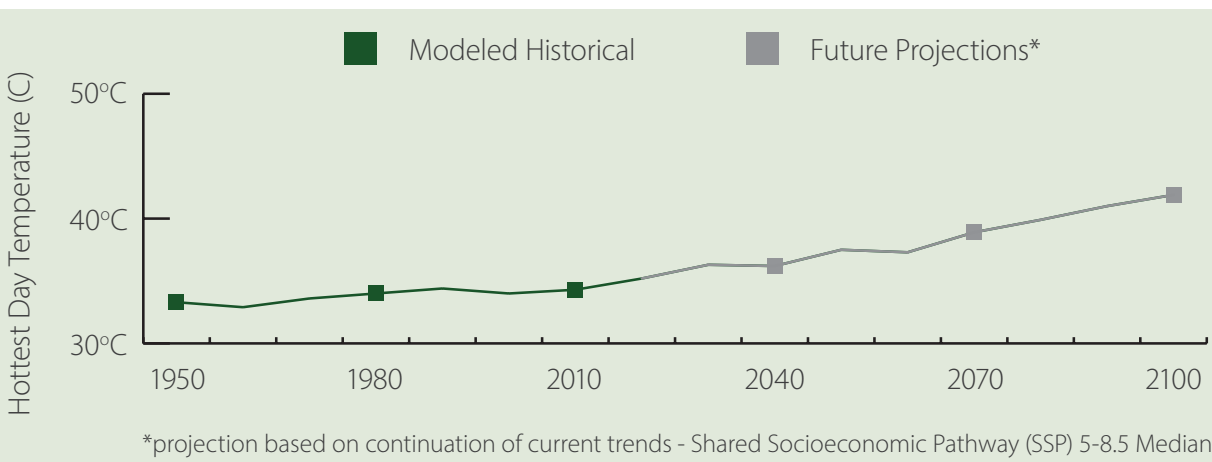
Addressing Climate Change & Supporting Resilient Communities



WORKING WITH THE FEDERAL GOVERNMENT

Halton Region continues to experience rising temperatures, increased precipitation and increased frequency and intensity of extreme weather events

By the 2080s, it is projected that Halton will have a hottest day temperature of approximately 40°C



Extreme precipitation events overall are projected to increase in intensity by 6 to 7 per cent for each degree Celsius increase in temperature

In September 2019 Halton Regional Council declared a **climate emergency**

Across Halton, the frequency and severity of windstorms, flooding, freezing rain/ice storms, snowstorms and extreme temperatures have been increasing as a result of climate change and these events are expected to continue to worsen

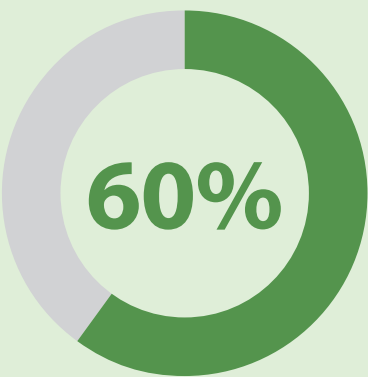
Climate change poses serious risks to the Region’s infrastructure and resources and threaten the health, safety, economic well-being and quality of life of our residents

Significant events in Halton have included:

Ice storm Dec 2013	Flood Aug 2014	Derecho May 2022 <i>A long-lived, fast-moving thunderstorm that causes widespread wind damage</i>	Flood Jul 2024
3 cm ice accumulation	20 cm of rain in 8 hours	\$500,000 to clean up tree debris in the City of Burlington	100 - 220 mm total rainfall
41,000 residents without power for two or more days	\$90 million insured damage costs	>37,000 residents impacted by power outages	1,897 basement flooding incidents

We are taking action:

- ✓ Invested **\$78 million** to reduce the risk of basement flooding
- ✓ Achieved all 5 milestones of the Partners for Climate Protection (PCP) Program for the corporation
- ✓ Developed and **implementing** a **Corporate Climate Action Plan** with a net zero target of 2045



of core public infrastructure that supports communities is built and maintained by municipalities



Significant infrastructure upgrades are needed to prepare for climate change



\$9.1 billion
10-Year Capital Plan

We are investing in system improvements to ensure our water and wastewater infrastructure is in a state-of-good-repair and climate impacts are incorporated

\$1.6 billion
10-year water and wastewater state-of-good-repair program

The Federal Government can help us address climate change and support a resilient Halton community by:

- 1 Providing long-term, sustainable funding for municipal climate adaptation efforts to support resilient communities.
- 2 Expanding federal funding programs such as the Disaster Mitigation and Adaptation Fund (DMAF) with dedicated streams for natural infrastructure, flood resilience, extreme heat mitigation and climate-resilient municipal infrastructure.
- 3 Increasing direct municipal access to climate adaptation, resilience, and emissions reduction funding through programs such as FCM’s Green Municipal Fund to help strengthen community and corporate resilience, reduce climate risks, enhance biodiversity, and accelerate progress toward net-zero emissions.