

Climate Ready Ottawa

Ottawa's Draft Climate Resiliency Strategy

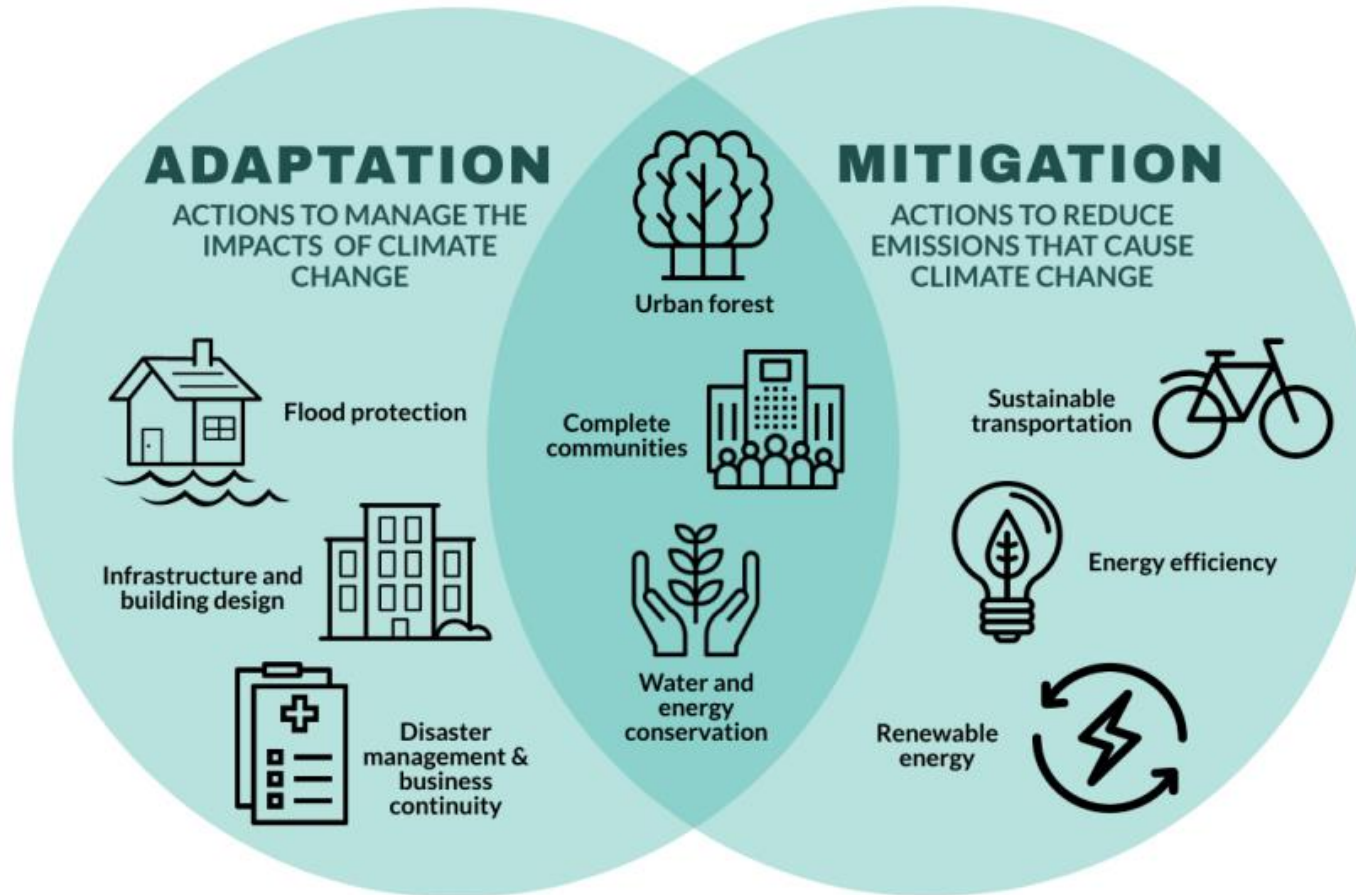
**Stittsville Resiliency and Infrastructure session
November 10, 2025**



Climate Change Master Plan

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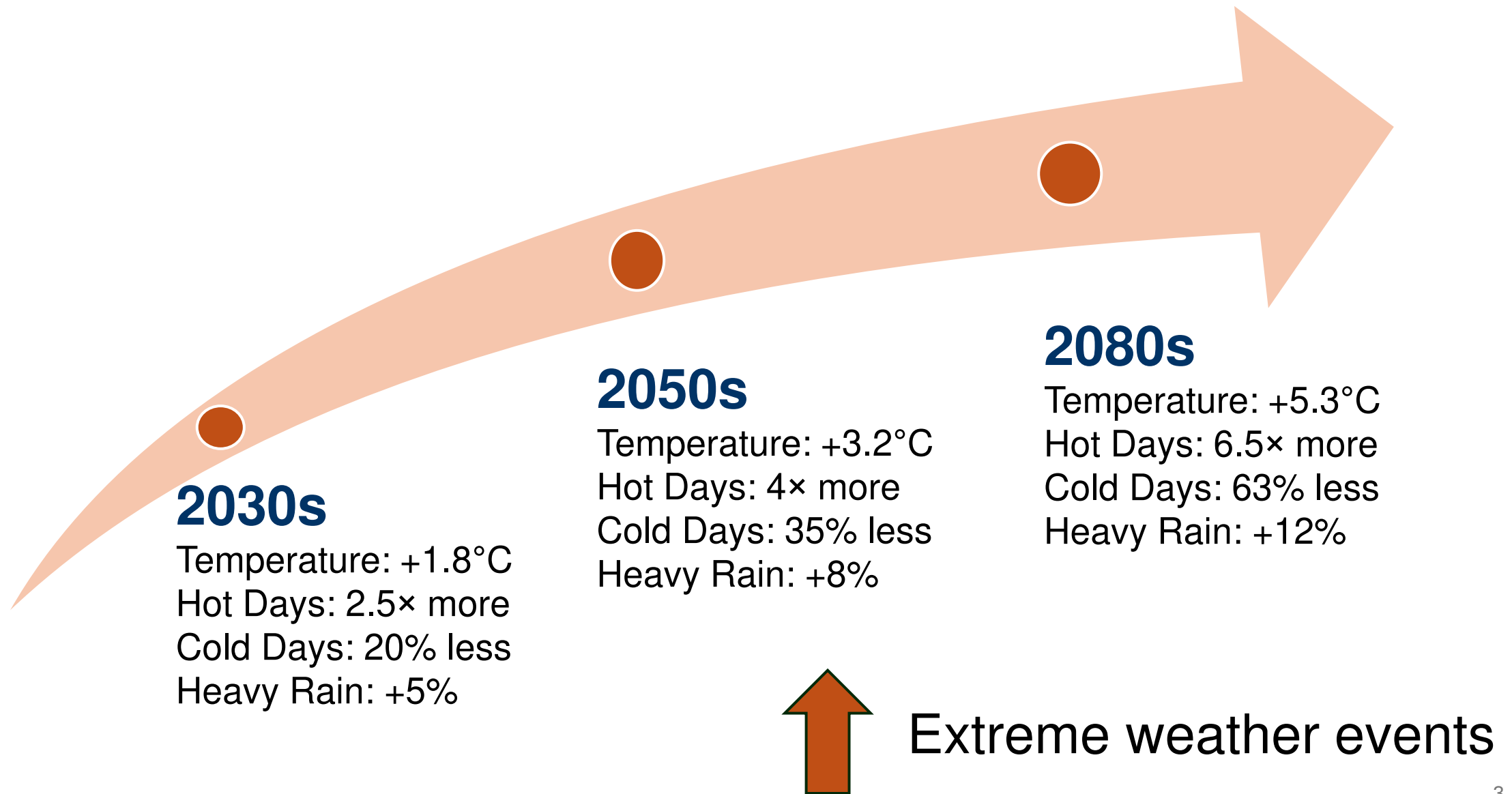
Climate Ready
Ottawa



Energy
Evolution

We Need to Do **Both**

Ottawa's Climate Future – Why Acting Now Matters



Climate Ready Ottawa

Long-term strategy and
5-year action plan to
address top climate risks

Protects people, property
and critical services



Priority Risks



People

- Heat is the silent killer
- Flooding
- Climate-related illnesses
- Power outages

Services

- Damaged infrastructure
- Disrupted services
- Strained emergency services
- Stressed environment

Costs

- Increased maintenance and renewal
- Extreme weather response and recovery
- Accelerated pressures on vulnerable residents

Risks are not felt equally

CLIMATE READY OTTAWA

PRIORITY PROGRAMS (2026-2030)

Resilient Communities

- 1. Flood Preparedness
- 2. Cooling Strategy
- 3. Community Climate Preparedness



Resilient Infrastructure

- 4. Critical Infrastructure
- 5. Climate-Ready Infrastructure



Resilient Natural Environment

- 6. Tree and Natural Asset Management



Extreme Weather

- 7. Extreme Weather Preparedness and Response



City-wide Integration

What is Inland Flooding?

Inland Flooding: Homes connected to the storm, sanitary or combined systems that surcharge (exceed capacity) during an event, resulting in stormwater or sewage back-ups into the basement. Also, runoff accumulating on the surface when it enters homes.



How is Ottawa building flood resilience?



Planning and Strategy



Community Design



Operations and Maintenance



Risk Assessment and Mitigation Programming



Preparation for and Response to Rainfall Events



Renewal of Infrastructure, Buildings, and Properties

Community Preparedness



Protect yourself & family: emergency preparedness kits, protect against heat & ticks

Make your home climate ready: prepare for heat, flooding and power outages

Apply for grants to install sump pumps, backwater valves, and rainwater systems

Prepare your community: create a community emergency plan, plant trees and food gardens, or clear your catch basins

Look out for others: Check on neighbours during extreme weather or volunteer



For more information

Sign up for the Climate Change Newsletter

Visit:

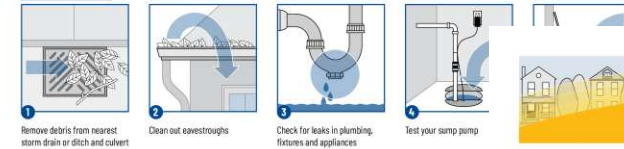
- Climate Resiliency Strategy on Engage Ottawa
- [Ottawa.ca/RPPP](https://ottawa.ca/RPPP) (protective plumbing)
- [Ottawa.ca/rain](https://ottawa.ca/rain) (rain ready Ottawa)
- [Ottawa.ca/tree](https://ottawa.ca/tree)
- [Betterhomesottawa.ca](https://betterhomesottawa.ca)

Contact: climatechange@ottawa.ca

THREE STEPS TO COST-EFFECTIVE HOME FLOOD PROTECTION

Step 1: Maintain what you've got at least twice per year

Do-it-yourself, \$0



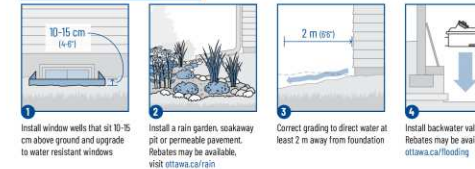
Step 2: Complete simple upgrades

Do-it-yourself, for under \$250



Step 3: Complete more complex upgrades

Work with a contractor, for over \$250



Prepared in partnership with:

INTACT CENTRE
ON CLIMATE ADAPTATION

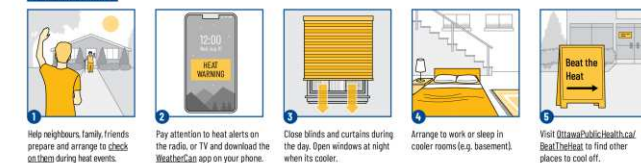


ottawa.ca/flooding

THREE STEPS TO COST-EFFECTIVE HOME HEAT PROTECTION

Step 1: Plan ahead to keep cool

Do-it-yourself, \$0



Step 2: Complete simple upgrades

Do-it-yourself, for under \$250



Step 3: Complete more complex upgrades

Work with a contractor, for over \$250



Climate Resiliency Strategy



INTACT CENTRE
ON CLIMATE ADAPTATION

Ottawa | Public Health
Santé publique

BetterHomes
OTTAWA

UNIVERSITY OF
WATERLOO

Extra Information on City Programs
that support homeowners to be more
resilient

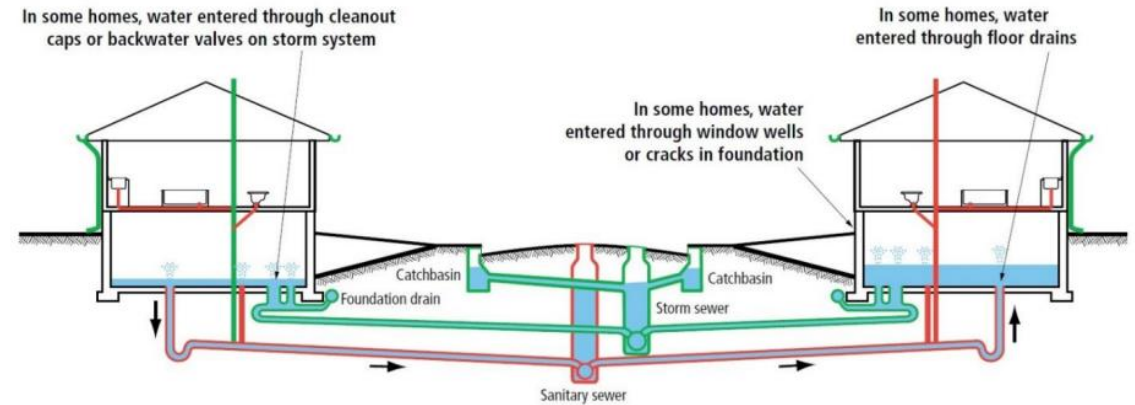
Residential Protective Plumbing Program

Rebates for:

- Sanitary and storm backup valves
- Primary and secondary sump pumps in new and existing sump pits
- Backup power for sump pumps
- Building permit rebates for plumbing work.

Visit: <https://ottawa.ca/RPPP>

How can water enter my home?



Compassionate Grants

Grant for:

- Property owners and tenants affected by a flood due to a sewer surcharge event.
- Provides up to \$1,000 to help with clean up or replacement costs.
- Visit ottawa.ca/com/cg



Rain Ready Ottawa

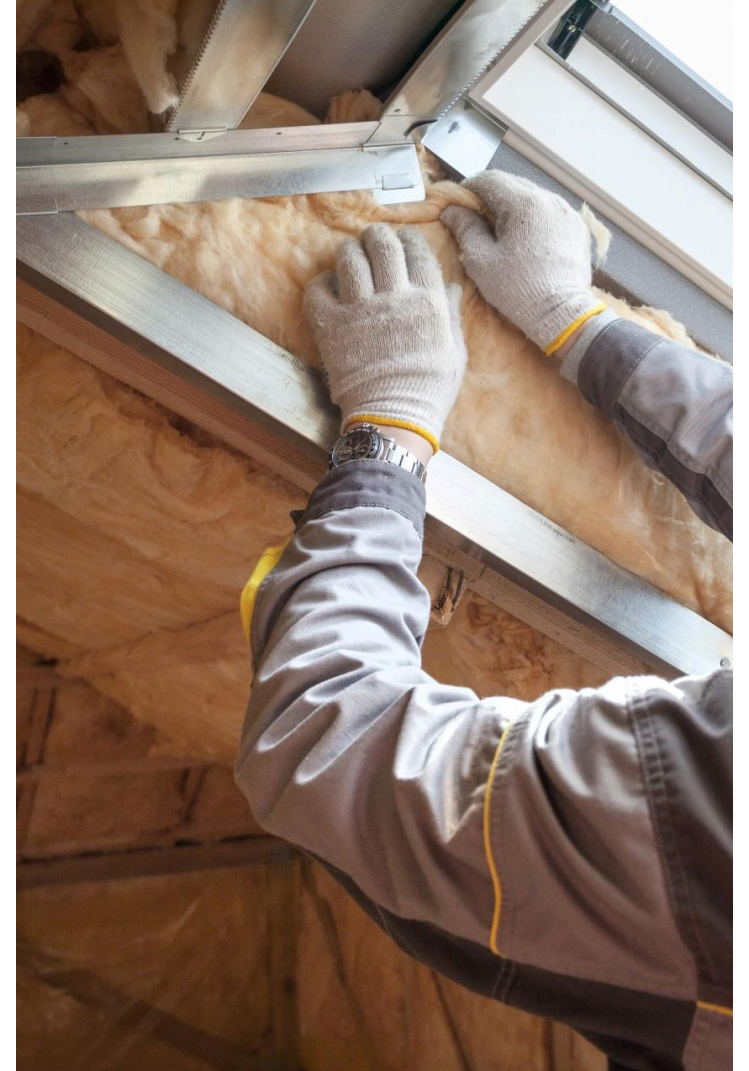
- Enroll in eLearning courses on Rainwater Management and implement changes at home
- Visit: **[Ottawa.ca/rain](https://ottawa.ca/rain)**
- Consult with a Fusion Landscape Certified Professional (FLP)
fusionlandscapeprofessional.ca



Better Homes Loan Program

- Low-interest loans to help homeowners make energy-efficient and climate-resilient home upgrades
- Eligible projects:
 - Insulation, air sealing, windows and doors
 - Heat pumps (rebates available)
 - Solar panels, battery storage, EV chargers
 - Back-flow valves, sump pumps, waterproofing
 - and more...

Visit: <https://betterhomesottawa.ca/>



Tree Planting programs

- Tree Dedication Program
- Proactive Street Tree Replacement
- Schoolyard Tree Planting
- Parks and Streetscape Tree Planting Projects
- Plant Your Place!

Visit: [Tree planting | City of Ottawa](#)

