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Climate Change and Municipal Plans

Planner, Climate Change and Resiliency Team

City of Ottawa

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Council Directions on Climate Change

April 2019 - Declaration of a Climate Emergency

• To embed climate change considerations across all elements of City business

January 2020 - Climate Change Master Plan

- Applying a climate lens to the new Official Plan as a priority action
- New long-term target to reduce greenhouse gas emissions by 100% by 2050

June 2020 - Climate Projections for the National Capital Region

- Projected future climate conditions to 2100
- Will inform climate vulnerability and risk assessments and adaptation planning

October 2020 - Energy Evolution Strategy

• Integrating climate change policies into the new Official Plan and supporting master plans



Climate Change Master Plan Priorities



Implement Energy Evolution



Develop climate vulnerability assessment and climate resiliency strategy



Apply climate lens to Official Plan and supporting documents



Apply climate lens to asset management and capital projects



Climate Change Master Plan Priorities



Study and pilot corporate carbon budgets



Explore carbon sequestration and green infrastructure



Encourage private action through education, incentives, municipal support and advocacy



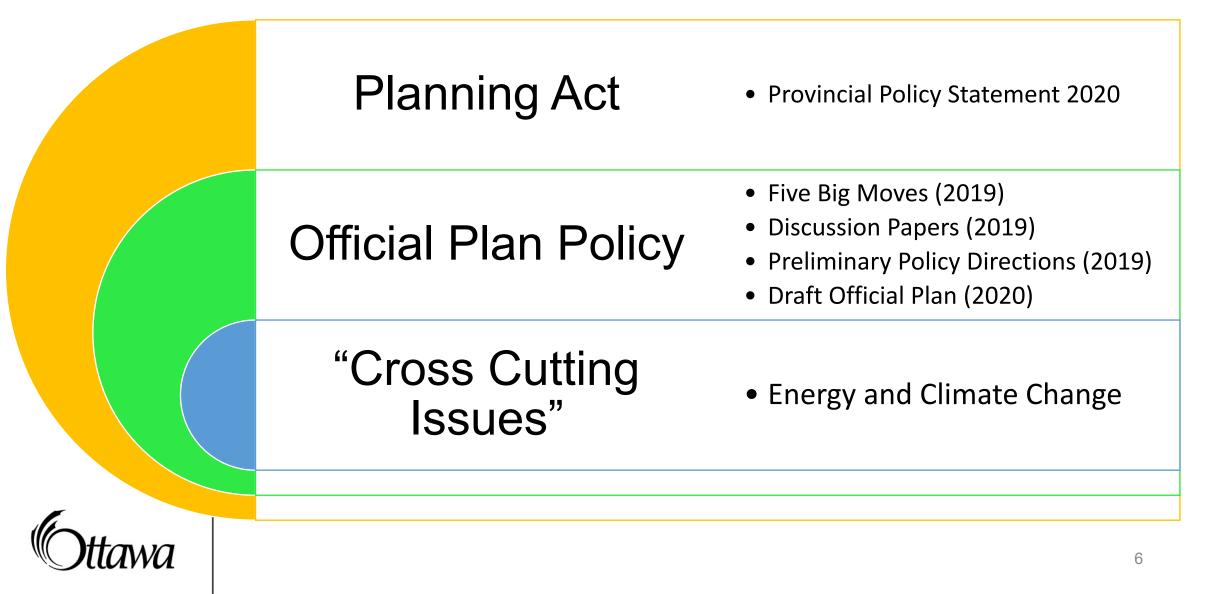
Develop governance framework



Planning for climate change: Using a "nested" approach



Climate Change and the Draft Official Plan



Big Policy Move 4:

Embed environmental, climate and health resiliency and energy into the framework of our planning policies

Energy and Climate Change

What We Want to Achieve:

8

Sustainable and

resilient site and

building design

Mitigation

Plan a compact and connected city

Prioritize a shift to energy efficient transportation modes

Enable the use of local renewable energy sources

Adaptation

Reduce the urban heat island effect and help protect the vulnerable from extreme heat

Build resilience to future flood risks

6 Protect trees, wetlands, and other natural areas and use nature-based solutions

7 Enable local food production



Integrating climate change across the corporation

- Staff will continue to implement previously approved recommendations to further advance the Climate Change Master Plan priorities
- Staff and resource pressures will be identified as each of the Climate Change Master Plan priority projects are further developed and brought to Committee and Council, where required.
- Opportunities to embed financial considerations will be explored in relevant long-range financial plans and future annual budget processes.
- Climate considerations to be included as part of staff reports to Council





Thank you!

