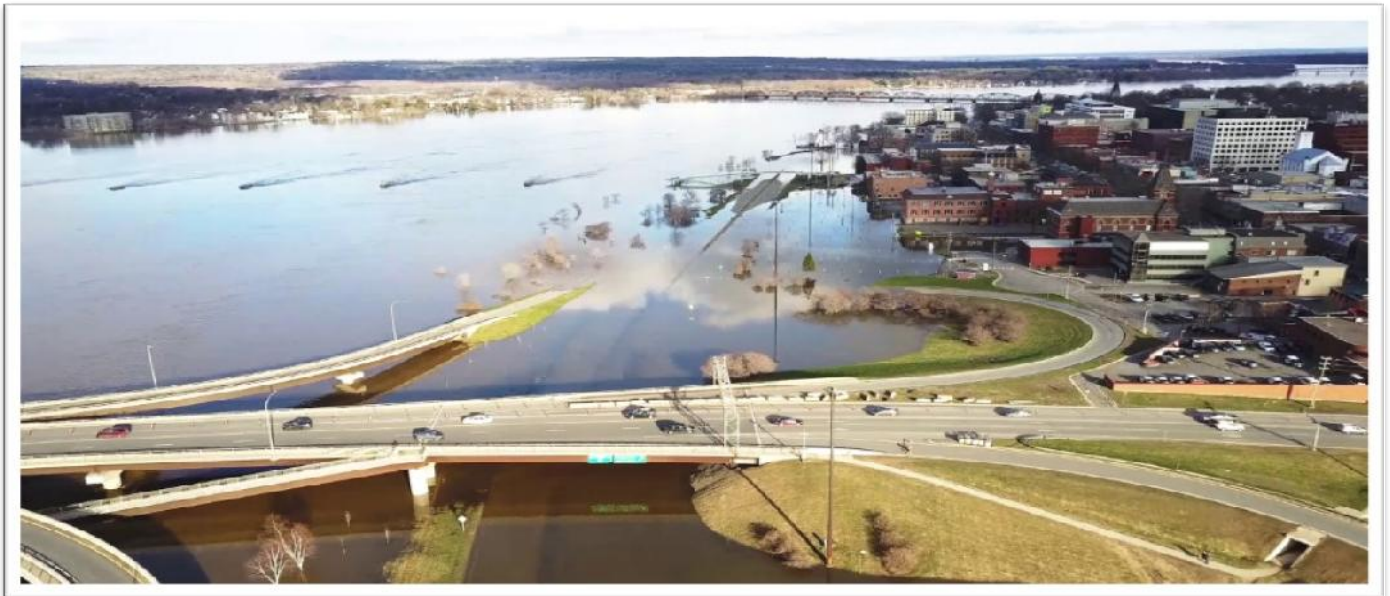


Climate Change Mitigation & Adaptation

Climate Change is caused by an over-abundance of greenhouse gases (carbon, methane, etc.) being emitted into the air, trapping too much heat in the atmosphere. GHG emissions caused by humans often come from vehicle use, fossil fuel burning for heat, and deforestation.

Climate change has already led to changes in snow cover, cloud patterns, rainfall, wind patterns, ocean current and the distribution of plant and animal species. Southern New Brunswick, including Fredericton, is expected to see substantial temperature changes in addition to changes in snow and rainfall patterns.

Climate change mitigation and adaptation strategies are both important for a robust climate change strategy. Some projected impacts can be avoided, delayed or reduced through mitigation, while adaptation is necessary to address unavoidable impacts from past and current emissions.

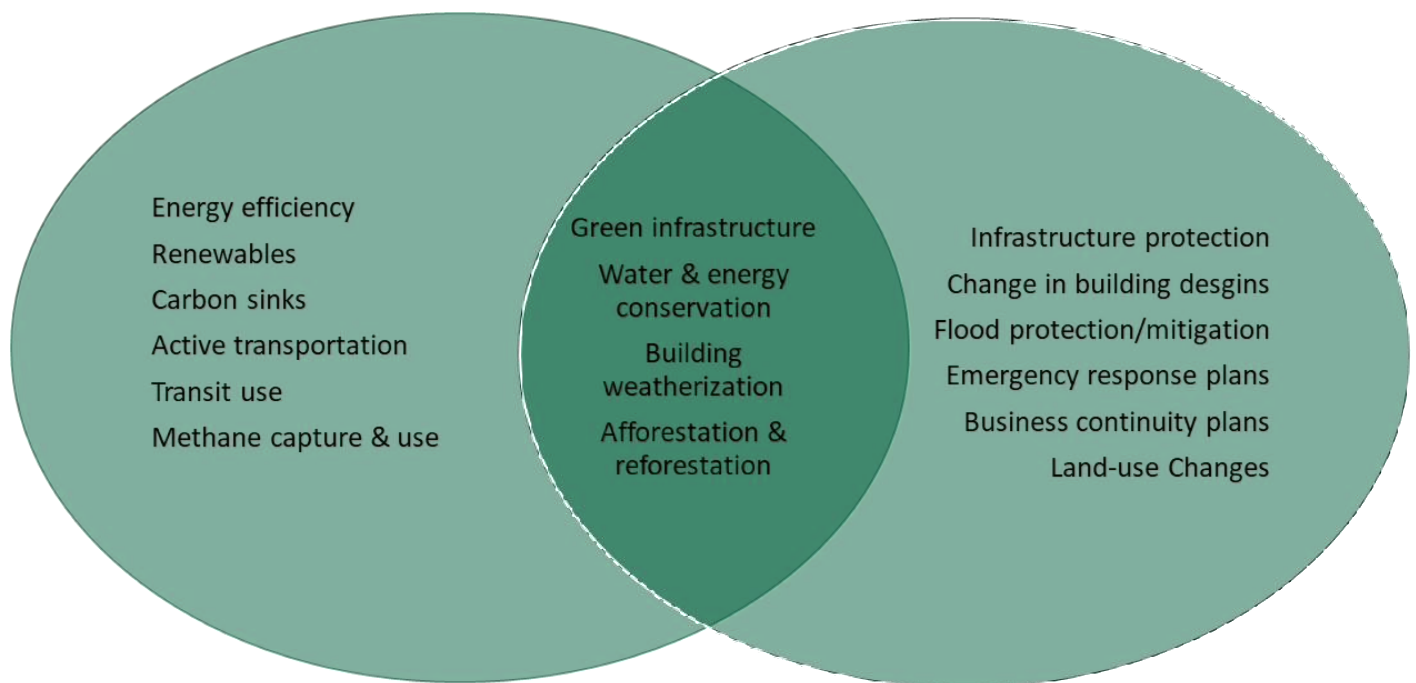


Climate Change Mitigation & Adaptation

Mitigation is a term used for a group of strategies that limit the effects of climate change by avoiding the release of carbon and other greenhouse gas emissions into the atmosphere.

Adaptation is used to describe any strategy to adjust any human or natural system (commonly infrastructure or human behaviour) to moderate, cope with or take advantage of changing climatic conditions.

Mitigation & Adaptation Strategies



Implementing climate change mitigation and adaptation strategies requires leadership from both the City and its citizens. This requires sustained behaviour change, new policies and procedures and financial investment.

For more information on the City's initiatives, visit fredericton.ca/environment

