

Terms of Reference: Energy Transition and Climate Resilience

Council Term:	2017-2021 Council Term
City Council Sponsor(s):	Councillor M. Walters Councillor B. Henderson
Supporting Department:	Regional and Economic Development
Administration Lead:	Gary Klassen and Paul Ross
Initiative Status:	Existing

Mandate

Maintain and increase City Council support for the implementation of Edmonton's Community Energy Transition Strategy and the development and implementation of Edmonton's Community Climate Adaptation and Resilience Strategy.

Desired Outcomes

- Outcome #1: Increased Council and community leadership in community energy transition.
 - Edmonton's Community Energy Transition Strategy implementation continues at an accelerated pace, achieving targets.
 - Advice provided by Edmonton's Energy Transition Advisory Committee to Council regarding Energy Transition implementation is acted upon.
- Outcome #2: Edmonton has begun to prepare for climate change through adaptation and becomes increasingly resilient, both for City and community infrastructure and programs.
 - A Community Climate Change Adaptation and Resilience Strategy is approved by Council and implementation is underway.
 - A 'measure' is developed to determine progress towards the resilience of Edmonton to current and future climate impacts.

Existing Related Corporate Programs

- Edmonton's Community Energy Transition Strategy
- Change for Climate community campaign
- City Policy C585 – Edmonton's Community Energy Transition Strategy
- Energy Transition Governance Framework
- Energy Transition Advisory Committee (ETAC) advisory to Council
- Updated Sustainable Building Policy C532 (City-owned facilities).
- Participation in the Global Covenant of Mayors

- Host City for the Cities IPCC Conference (March 2018)
- Development of a Climate Adaptation & Resilience Strategy (2018)
- The Way Ahead Implementation Plan

Timelines

- The Work Plan will be presented to Council on June 12, 2018.
- This Council Initiative will report to the Executive Committee twice a year, with the exception of the final year in which the second report will be made to City Council.

Key Stakeholders

- Energy Transition Advisory Committee
- Government of Alberta
- Energy Efficiency Alberta
- Government of Canada
- EPCOR
- Community and institutional partners

Further details of stakeholder and public engagement will be included in the work plan that will be presented to Council on June 12, 2018.

Financial Implications

Resources are available within Regional and Economic Development for the 2016-18 budget period. The 2018 budget:

- Implementation of Edmonton's Energy Transition Strategy:
 - 2018: \$1.9 M
 - 2017/2018: \$500,000 Natural Resources Canada Grant
- Development of a Climate Adaptation and Resilience Strategy:
 - 2018: \$175 M from the Federation of Canadian Municipalities (FCM) Grant

Climate change initiatives (mitigation and adaptation) are integrated into the budgets of some other operating areas, not reflected above.

Any estimated required financial and human resources for future work will be identified in the work plan that will be presented to Council on June 12, 2018.