

Urban Planning and Economy

Edmonton

**Community Energy Transition
Strategy - Annual Update**

UPE00604

Council Direction

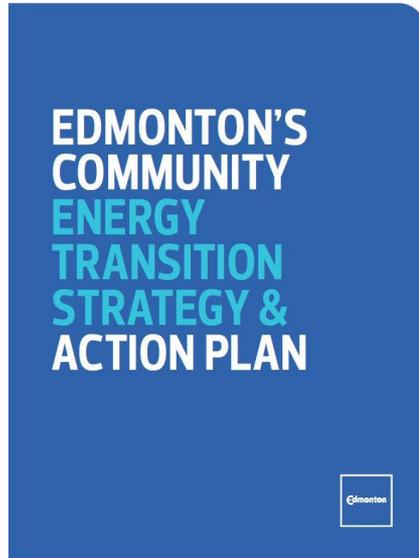
- Identify annual emission reductions
- Identify “negative emissions” and identify progress towards achieving targets
- Identify corrective actions

Climate Change Impacts



- Increased risk of urban flooding, more frequent and intense weather events, changed ecosystems
- Edmonton's GDP could be reduced by \$2.1 billion annually on average by the 2050s
- Edmonton's GDP could be reduced by \$6.0 billion by 2070s
- An additional 22,000 health incidents/year are expected to occur by the 2050s

Community Energy Transition Strategy

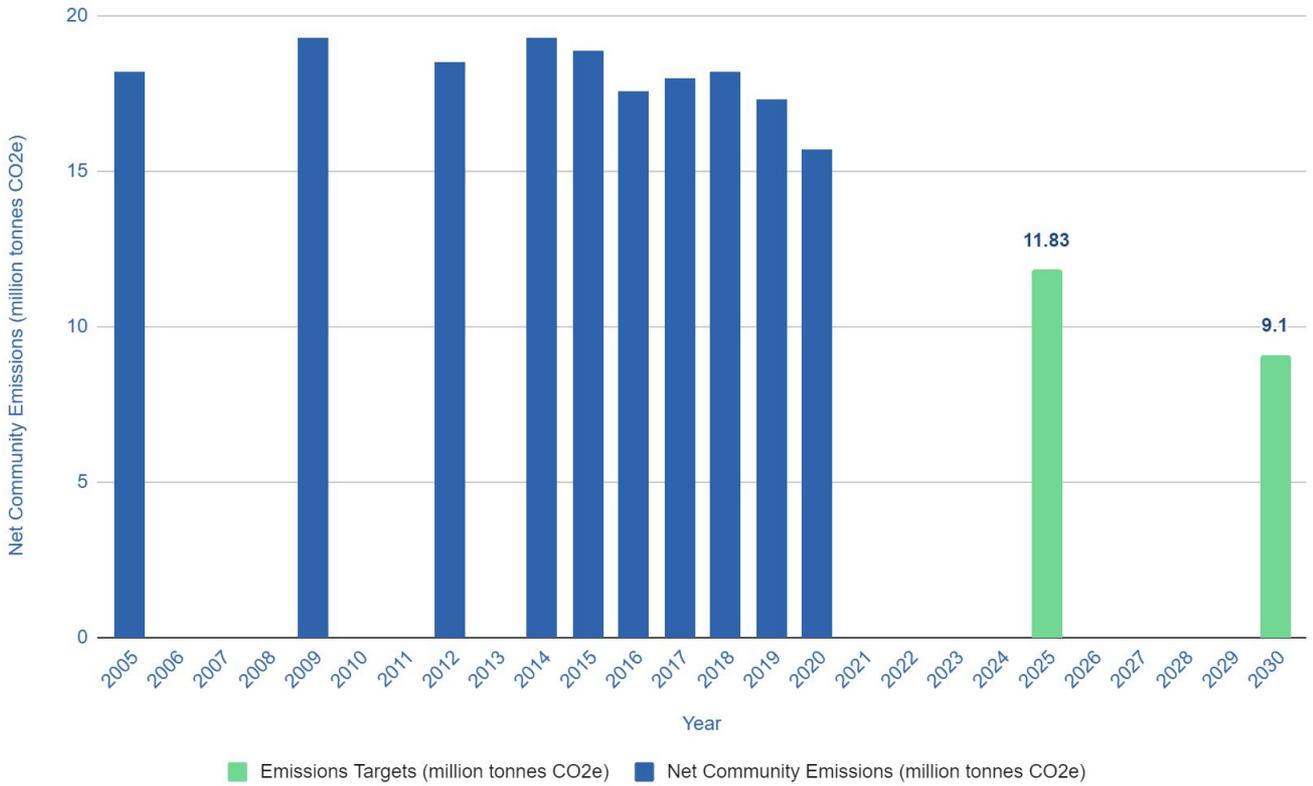


30 YEAR VISION

10 YEAR STRATEGY

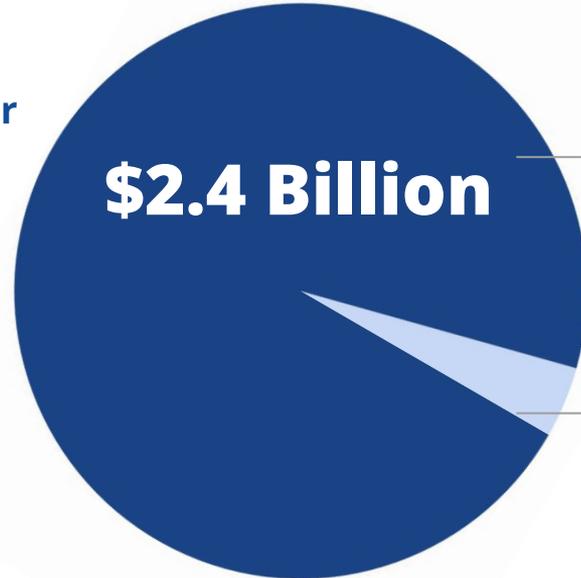
105 BOLD ACTIONS

Progress



Estimated Annual Costs

Per Year



\$2.4 Billion

Provincial Government
Federal Government
Private Sector

\$100 Million

City of Edmonton
Matching funding is required

Corrective Actions

**IMPLEMENT THE ENERGY
TRANSITION STRATEGY AND
ACTION PLAN**

**TAKE A BOLDER, STRATEGIC
APPROACH TO PARTNERSHIP
AND ADVOCACY**

**INCREASE THE CITY OF
EDMONTON'S CLIMATE
SOLUTION LEADERSHIP**

**ACTIVATE CLIMATE
RESILIENT URBAN
DEVELOPMENT**

Clean Energy Improvement Program (CEIP)

**Residential
Launch**
*“immediate and
overwhelming
interest”*

Scale up requires:

- Significant levels of new funding
- Significant regulatory changes

Perspectives

↑ **75%** CONCERNED ABOUT CLIMATE CHANGE

↑ **77%** AGREE ON THE NEED TO TAKE ACTION NOW

Next Steps

- Continue carbon accounting work
- Various initiatives will be brought forward for consideration during 2023-2026 budget deliberation
- Continue work to understand CEIP scale up and return to Council in Q1
- Continue current work to accelerate climate efforts
- Report back to Council annually on Energy Transition and Climate Adaptation strategies

Questions and Thank You

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edmonton.ca/EnergyTransition

Edmonton