

Urban Planning and Economy

Edmonton

**Bylaw 20678 to Implement the  
Clean Energy Improvement  
Program (CEIP)**

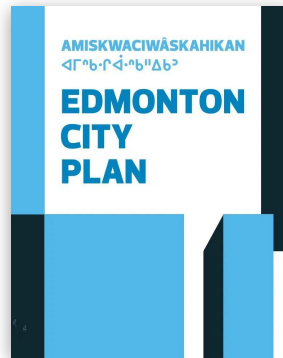
Barbara Daly, Program Manager  
[edmonton.ca/CleanEnergyImprovementProgram](http://edmonton.ca/CleanEnergyImprovementProgram)

# Building a Low Carbon and Climate Prepared Future

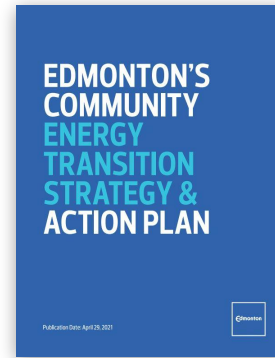
- Advancing a low-carbon Edmonton and have set an aggressive target for the entire community to produce net zero GHG emissions by 2050



**2019**  
Connect Edmonton



**2020**  
The City Plan



**2021**  
Energy Transition Strategy

## Buildings are Critically Important

**39%** of Edmonton's GHG emissions are from buildings  
*(residential & commercial)*

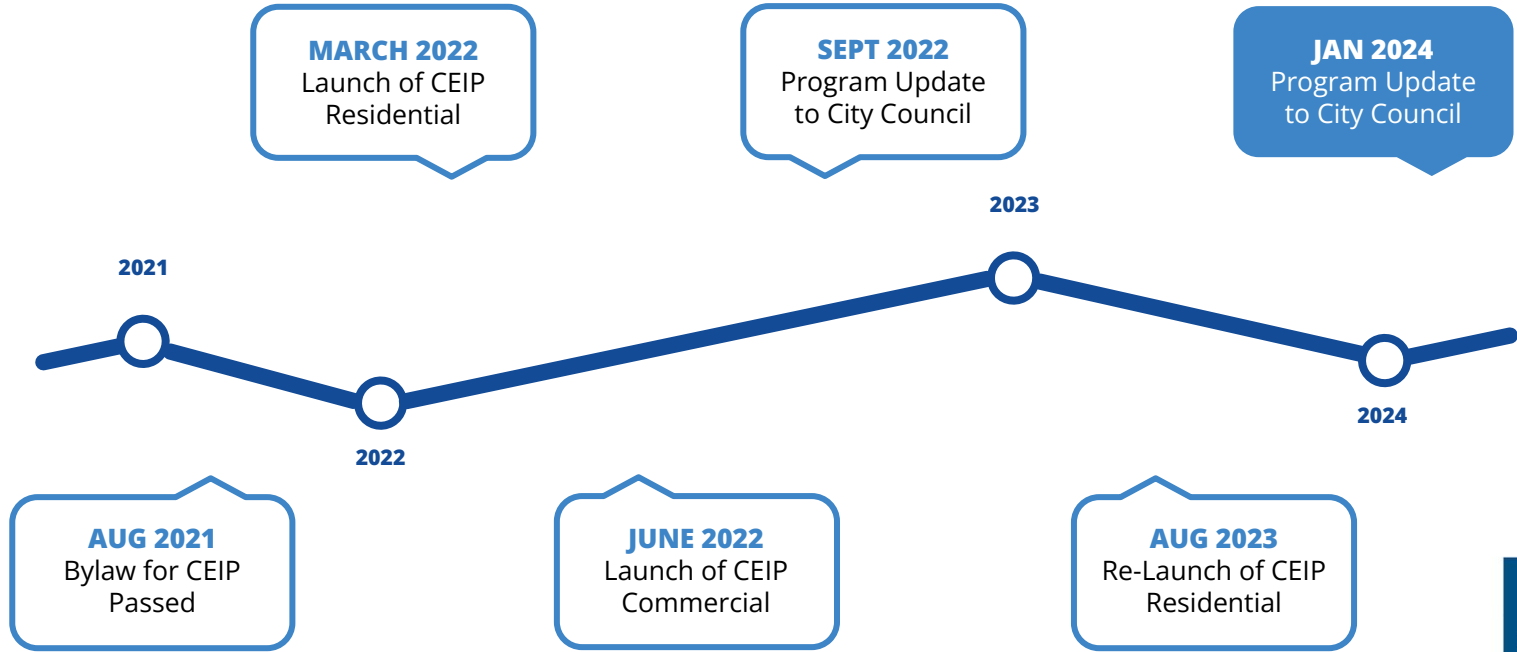
**~18%** of average monthly household spending goes to shelter

*Less efficient homes have higher energy costs*

# The Clean Energy Improvement Program Model

- Available to residential and commercial property owners
- Remove barriers
- Repaid via the property tax bill
  - Long repayment terms based on the expected lifetime of each upgrade (up to 25 years)
  - Tied to the property and not the property owner

# The Road Here



## Preliminary Results from Pilot Program

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### **Residential Sector**

95 Active Residential Projects

Projected value of \$3.36 million in financing

21 Completed Projects

Average financing of \$35K per project

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### **Commercial Sector**

Only Commercial program in Canada

4 Active Commercial Projects

Projected value of \$3.11 million in financing

## Case Study: Commercial Net Zero

- \$1 million in CEIP financing
- Installation of solar panels, insulation, and electric storage water heater
- Net Zero commercial retrofit



# Permanent Program Development

**\$5.8 Million**

Project Implementation

- *Funded through 2023-2026 Operating Budget*
- *Includes Program Design, IT Development, Program Administrator, Internal Program Team*

**\$20 Million**

Financing for Retrofits  
(initial four years)

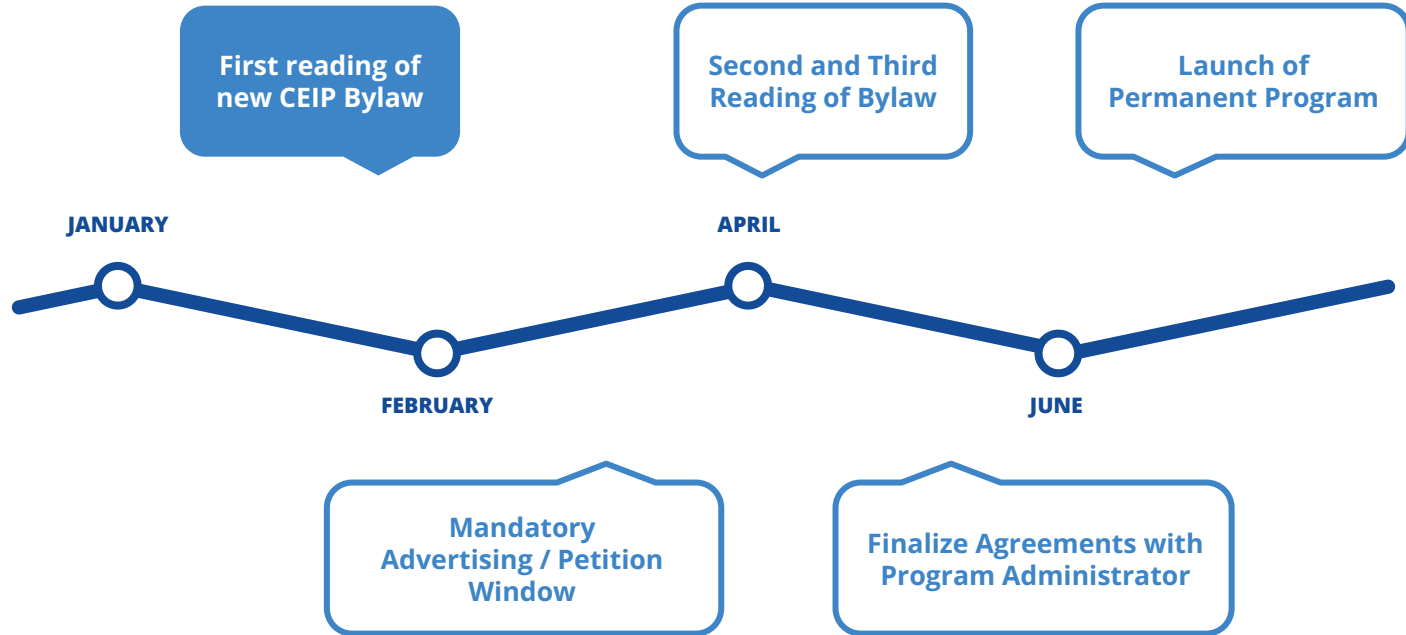
- *2024 funding through short-term investments*
- *Does not impact the City's debt limit*
- *Long-term funding strategy currently being explored*



## Permanent Program

- \$20 million in financing - 300 residential and 16 commercial projects
- Immediate benefits of a more energy efficient property
- Transferability in the long term
- Supporting local economic development

# Looking Ahead in 2024



# Questions and Thank You

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