



# Calgary Climate Strategy – Pathways to 2050

May 31, 2022



# Recommendations

That the Community Development Committee recommend that Council:

1. Adopt, by resolution, the updated Calgary Climate Strategy - Pathways to 2050 (Attachment 2); and
2. Rescind, by resolution, the Climate Resilience Strategy Mitigation and Adaptation Plans.



# Highlights



## Calgary Climate Strategy

Pathways to 2050

June 2022

Net zero emissions by 2050 and reducing our climate risks

Mitigation and Adaptation Plans

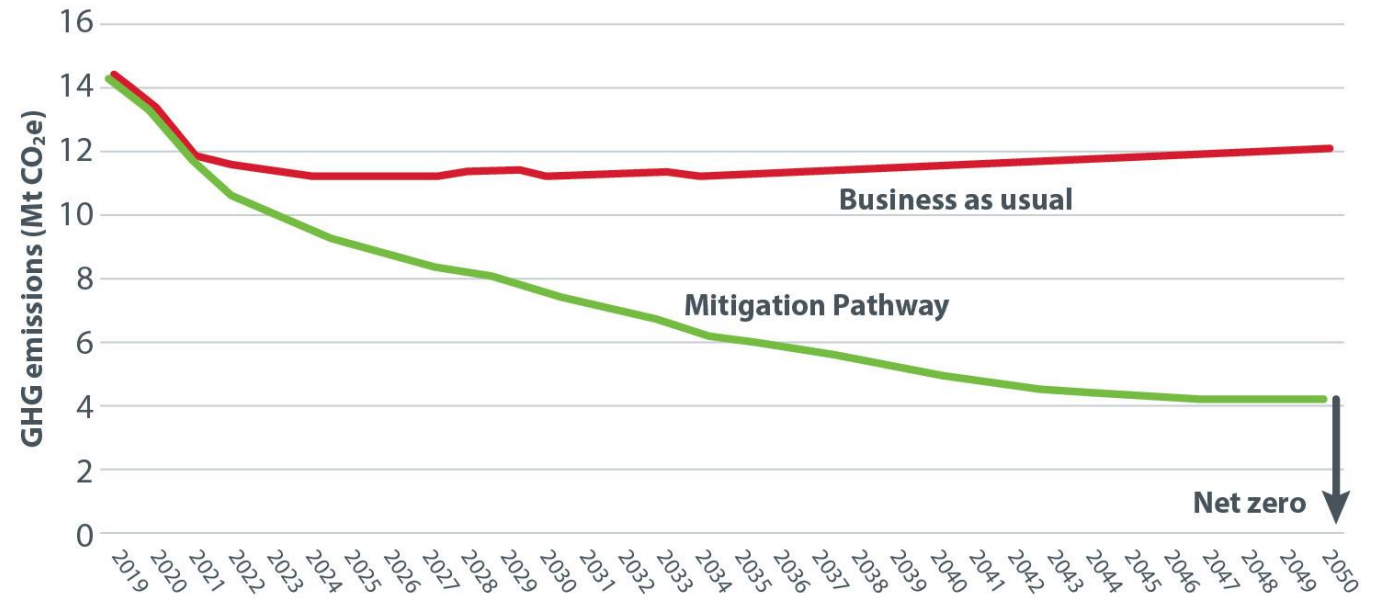
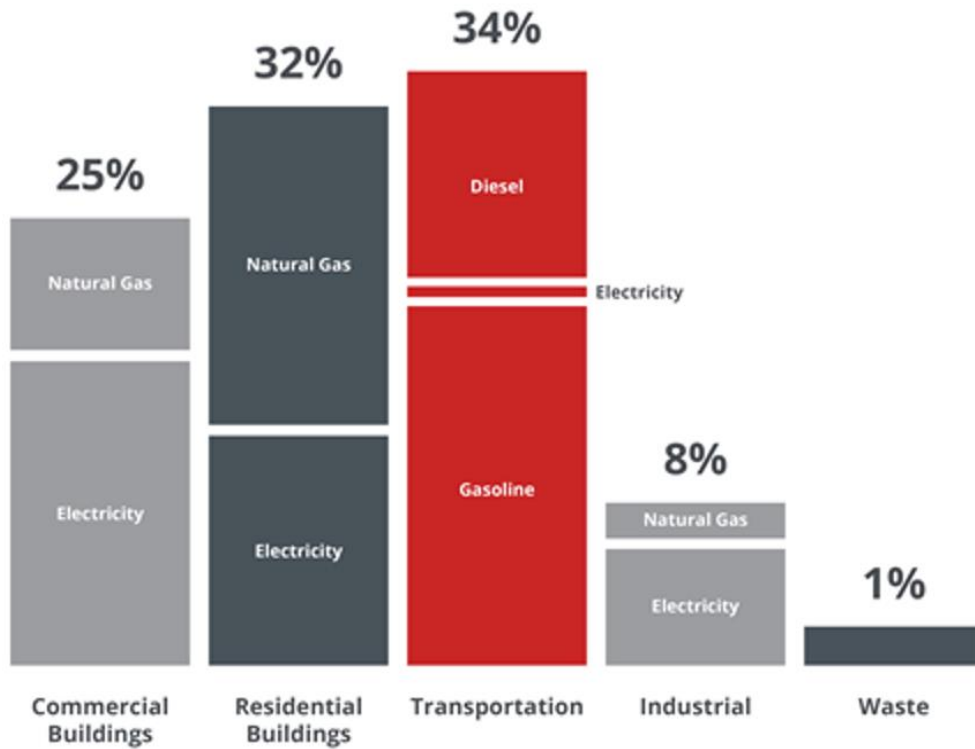
Measured and progressive

Community engagement and partnerships

Accountability and transparency

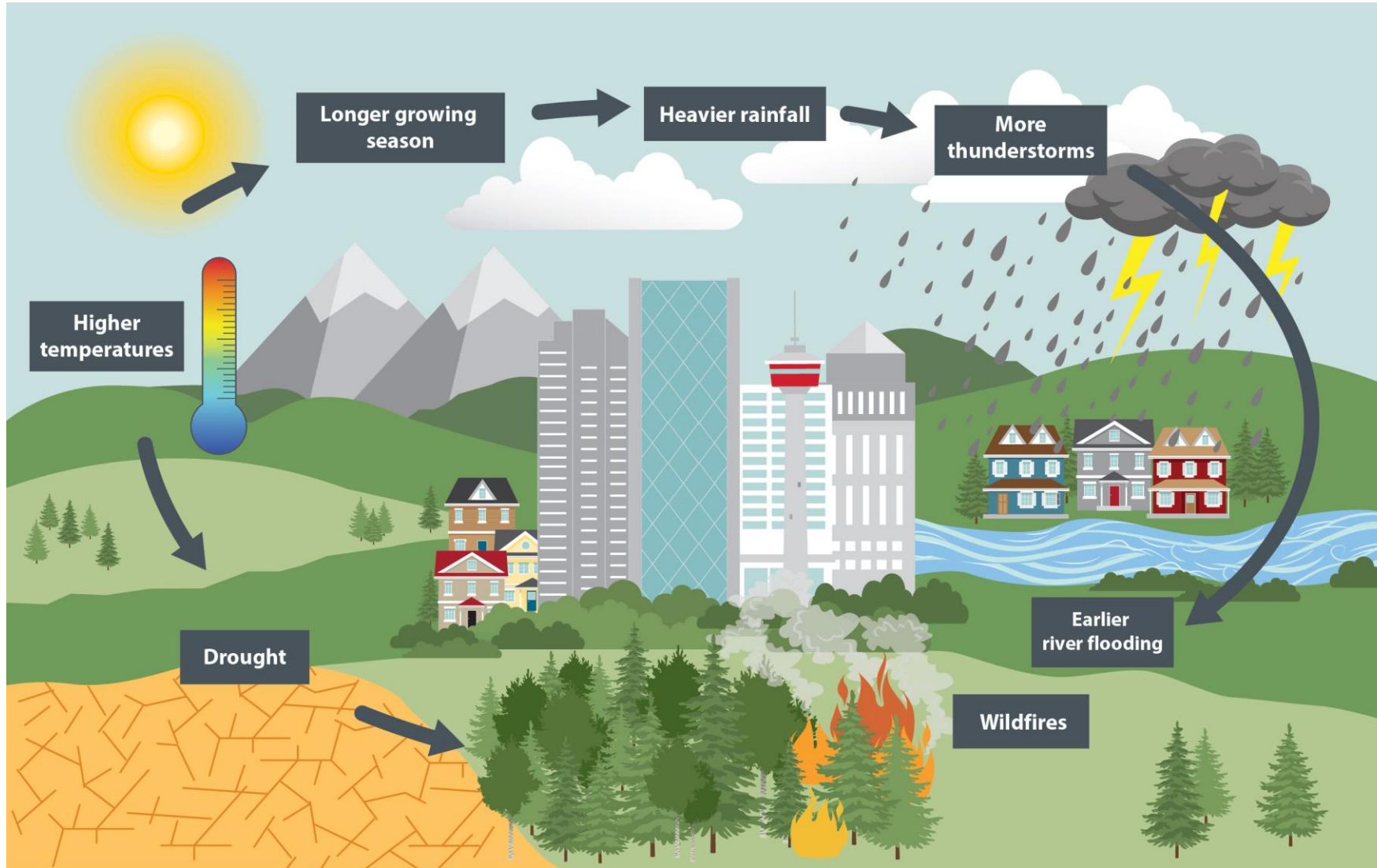


# Mitigation pathway





# Adaptation







# Drivers and forces



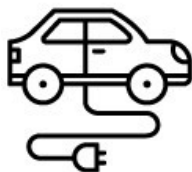
Rising energy costs



Municipality's leading role

## Global Energy Transition

**\$376 billion global investment to cities (2017 to 2018)**



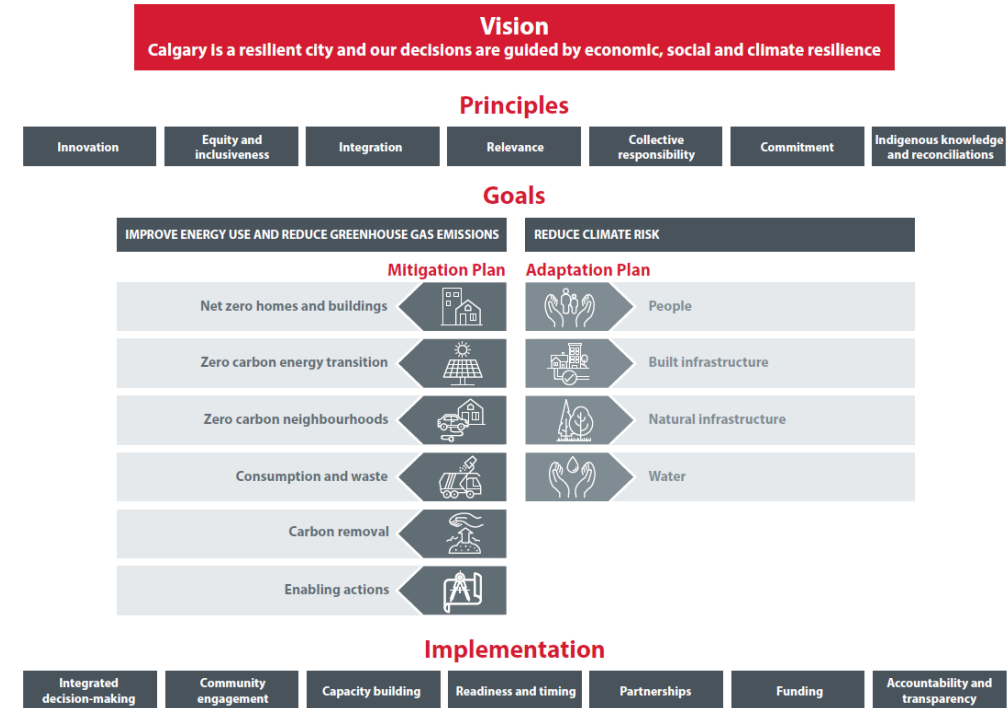
Countries starting to ban fossil fuel vehicles

- |                                     |             |                                     |           |
|-------------------------------------|-------------|-------------------------------------|-----------|
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| <input checked="" type="checkbox"/> | Slovenia    | <input checked="" type="checkbox"/> | Iceland   |
| <input checked="" type="checkbox"/> | Netherlands | <input checked="" type="checkbox"/> | UK        |
| <input checked="" type="checkbox"/> | Sweden      | <input checked="" type="checkbox"/> | Sri Lanka |
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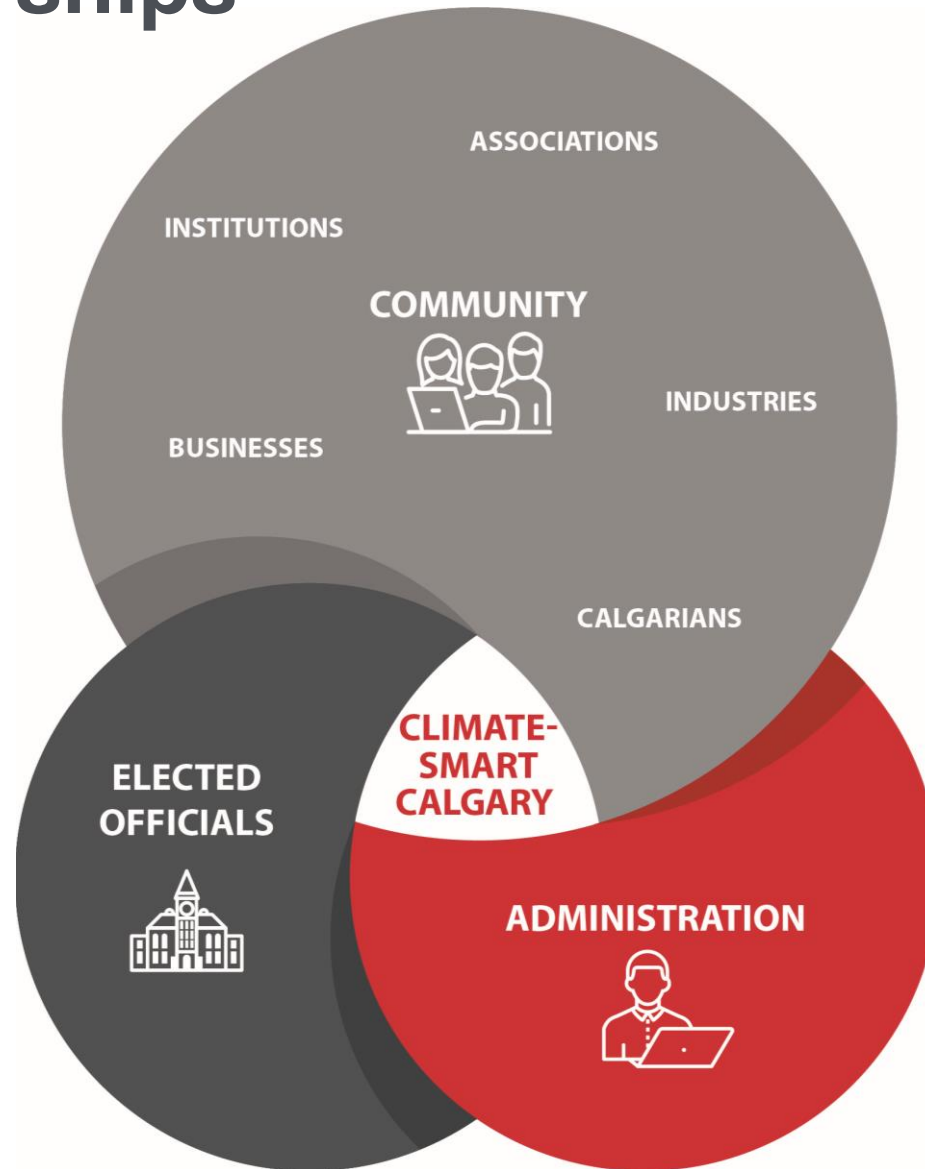
# The Strategy

- Science-based
- Best practices
- Equity
- Truth and reconciliation
- Partnerships
- Expert advisory groups
- Engaging Calgarians





# Partnerships





# Funding and financing

## Investment gap

- **\$87 billion** by 2050 mitigation
- **\$9 billion** by 2050 adaptation

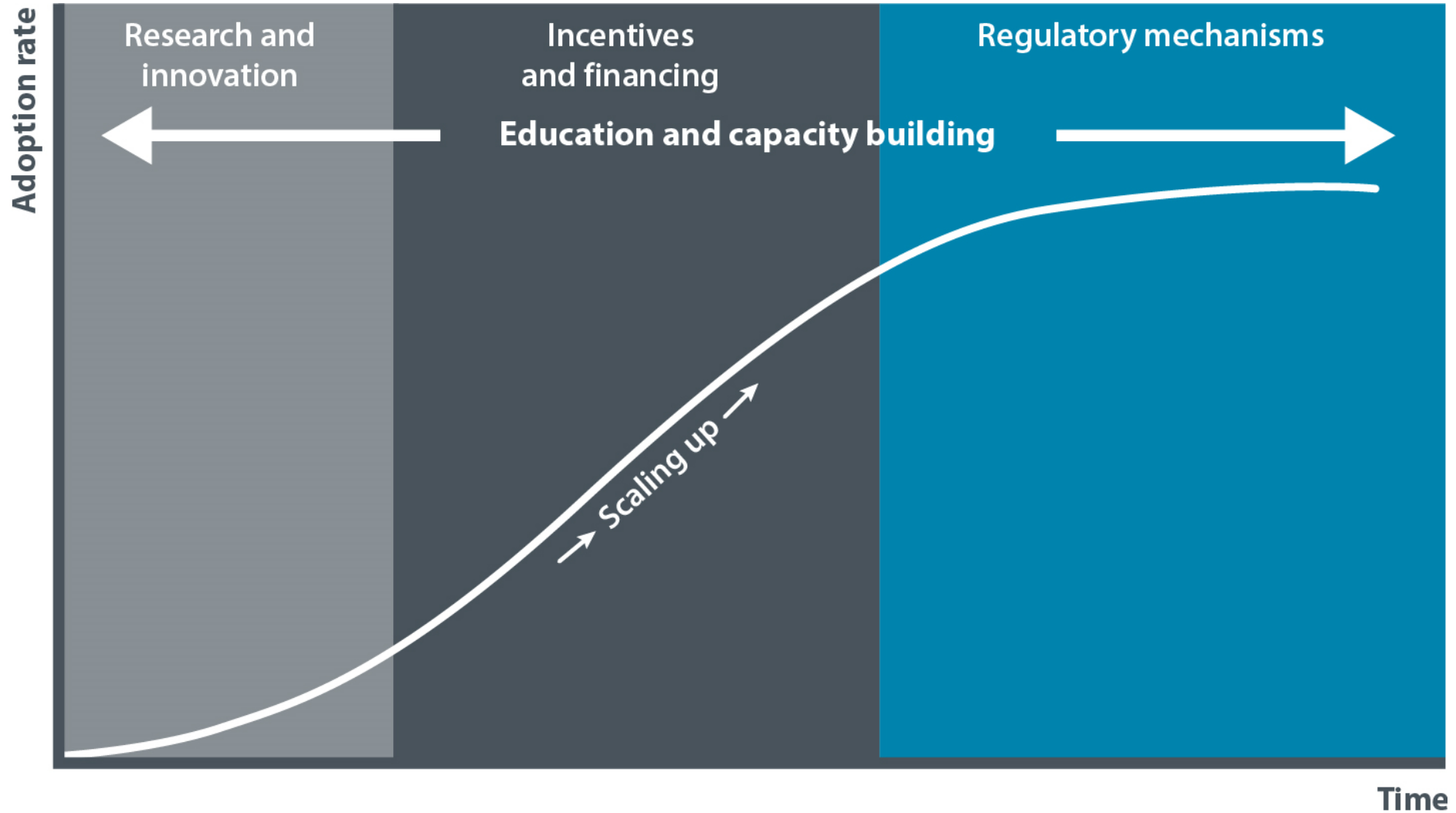


## Solutions

- **\$90 billion** in Canada today
- Grants
- Private sector Investment
- Climate bonds



# Adoption strategy





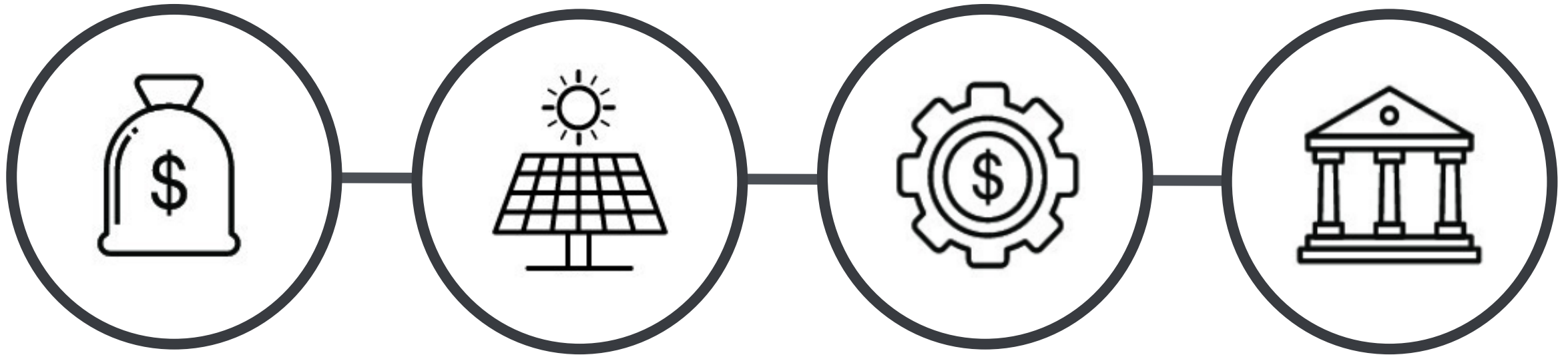
# Implementation dependencies

Funding availability

Technology

Industry readiness

Policy direction





# From pathways to service plans

Where we are now:

**16 mtCO<sub>2</sub>e**

June 2022

**60% reduction target**

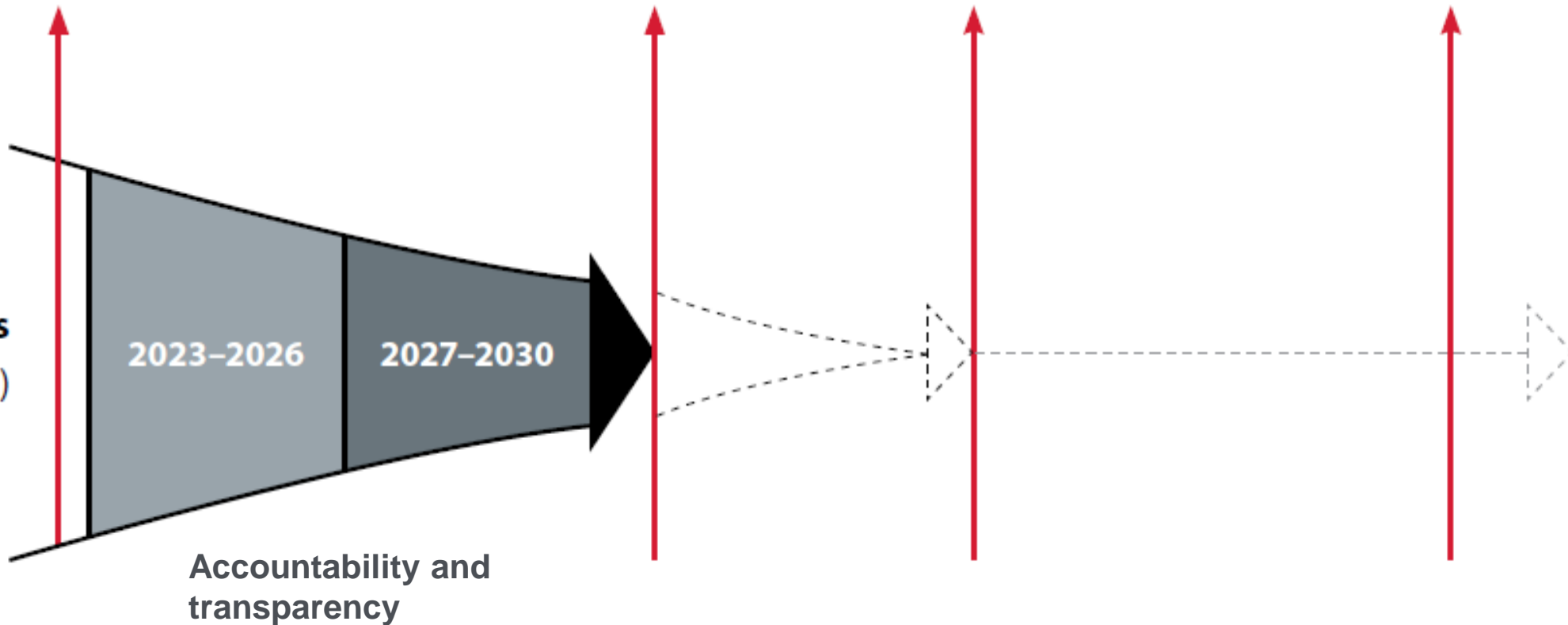
2030

Net Zero target:  
**(0 mtCO<sub>2</sub>e)**

2050

2080

**4-year Budget Cycles**  
(commitment to action)



# Building a climate-smart city



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