



Calgary Climate Strategy – Pathways to 2050

June 7, 2022

Recommendations

That the Community Development Committee recommend that Council:

1. Adopt, by resolution, the updated Calgary Climate Strategy - Pathways to 2050 (Attachment 2);
2. Rescind, by resolution, the Climate Resilience Strategy Mitigation and Adaptation Plans; **and**
3. **That the Calgary Climate Strategy includes provisions for independent, objective audits to support accountability and transparency in reporting to Calgarians on the progress made towards successfully implementing the Strategy.**

Highlights



Net zero emissions by 2050 and reducing our climate risks

Mitigation and Adaptation Plans

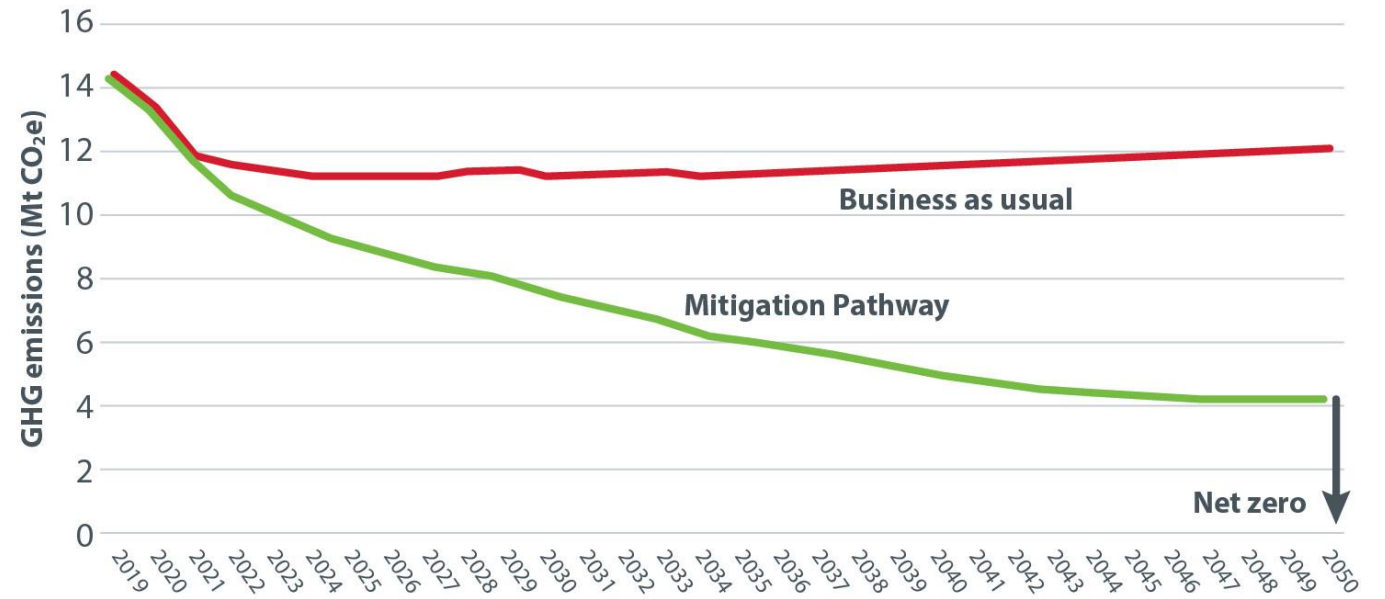
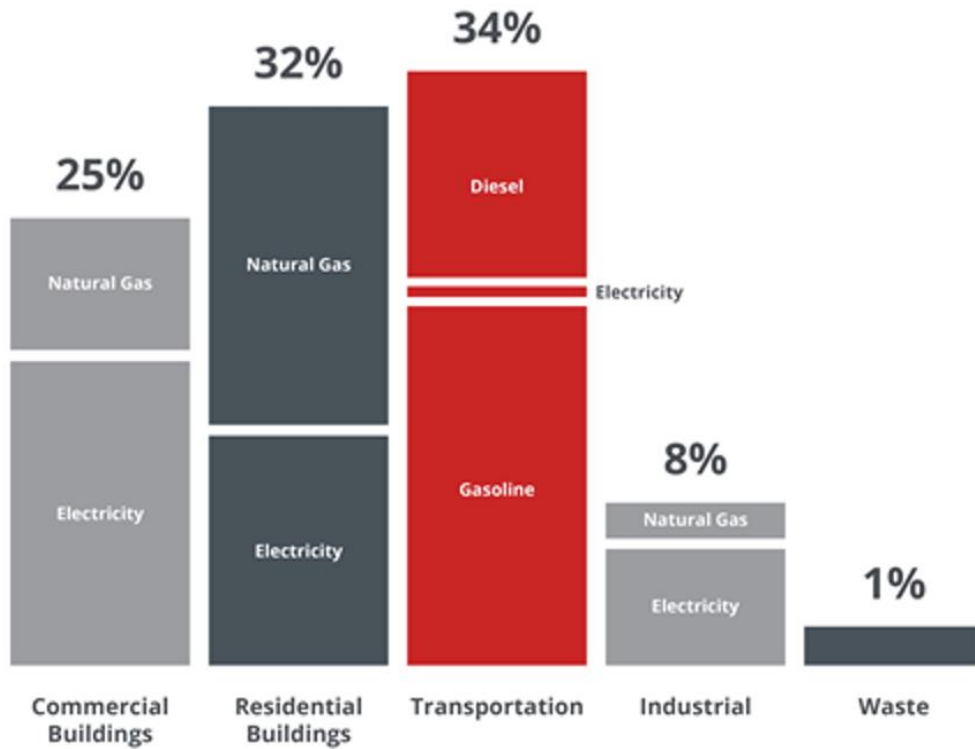
Measured and progressive

Community engagement and partnerships

Accountability and transparency

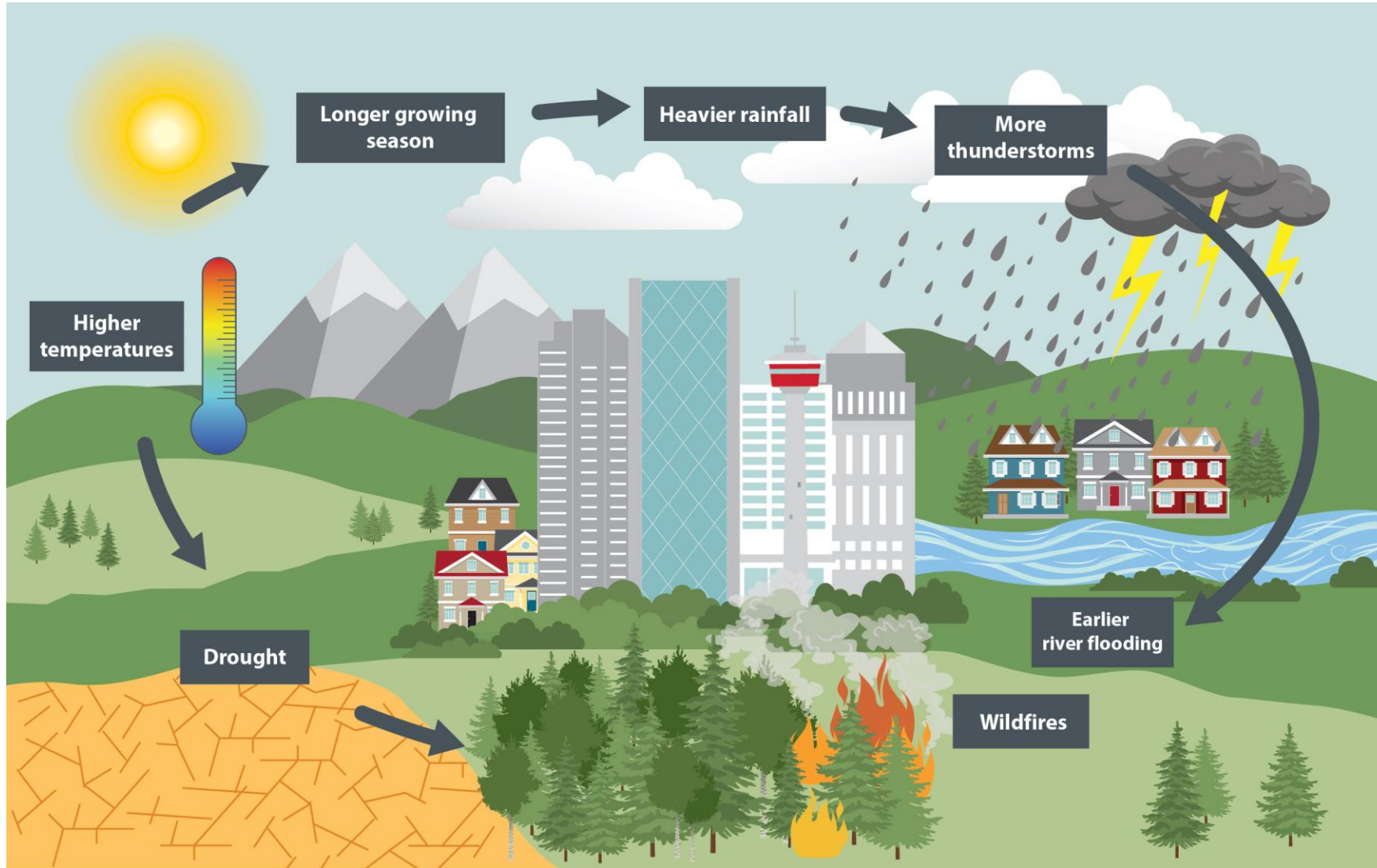


Mitigation pathway





Adaptation





Drivers and forces



Rising energy costs



Municipality's leading role

Global Energy Transition

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



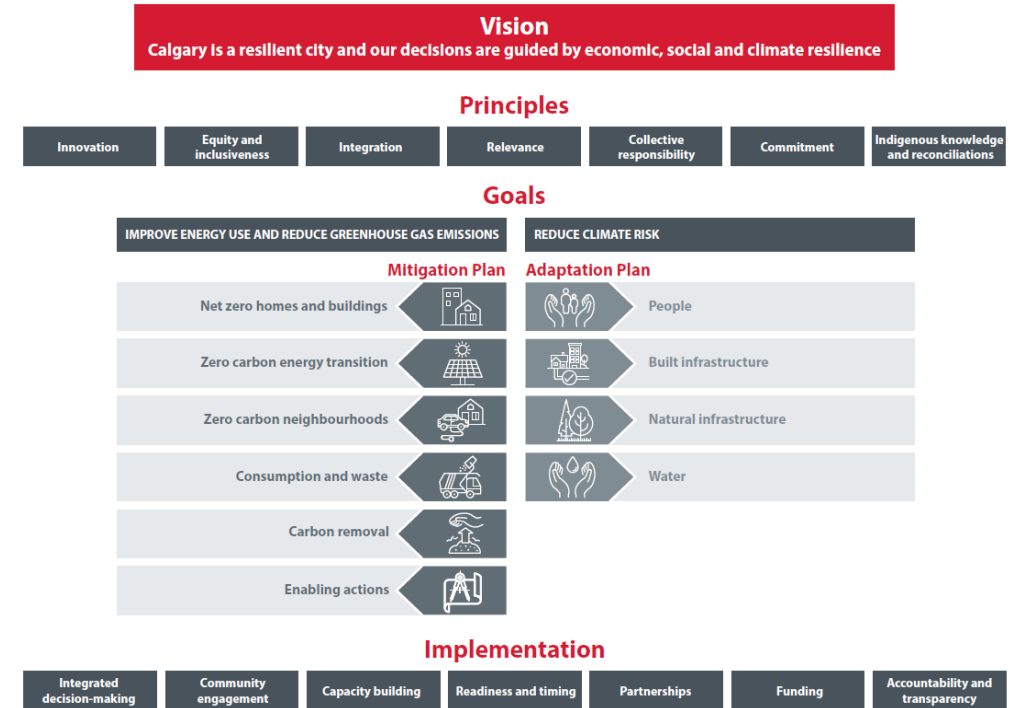
Countries starting to ban fossil fuel vehicles

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| <input checked="" type="checkbox"/> | Norway | <input checked="" type="checkbox"/> | Ireland |
| <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 |
| <input checked="" type="checkbox"/> | Israel | <input checked="" type="checkbox"/> | France |



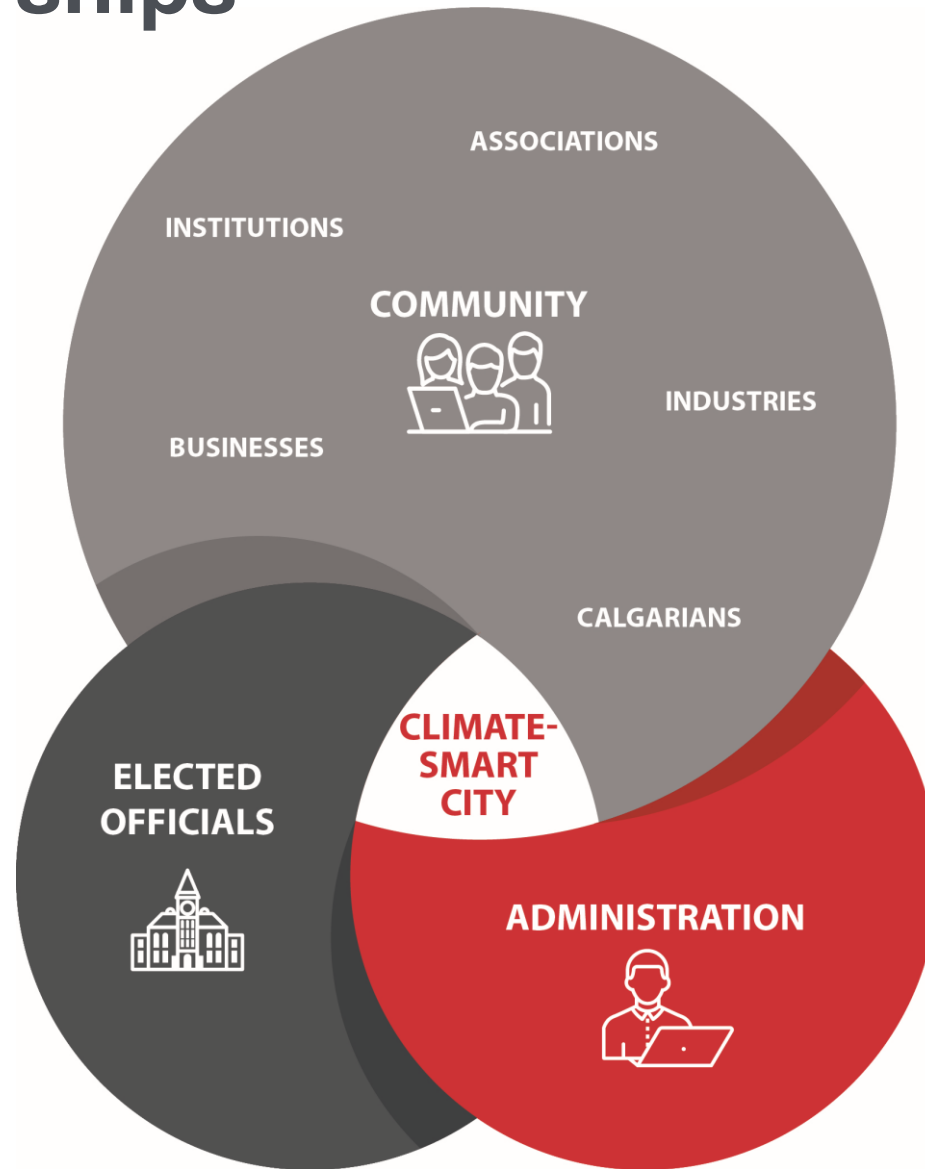
The Strategy

- 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
- **\$2.6 billion** by 2050 adaptation risk

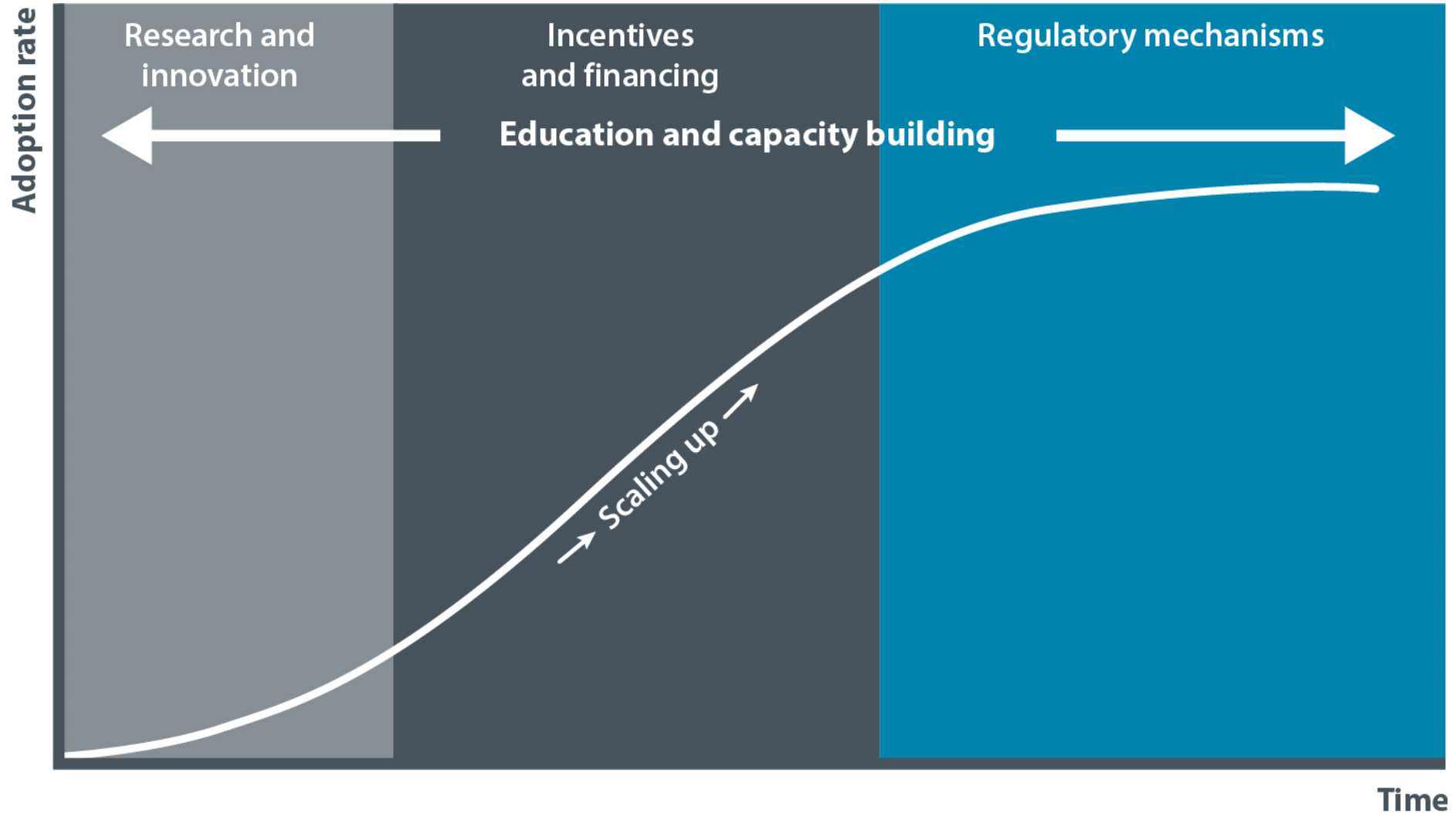


Solutions

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



Adoption strategy





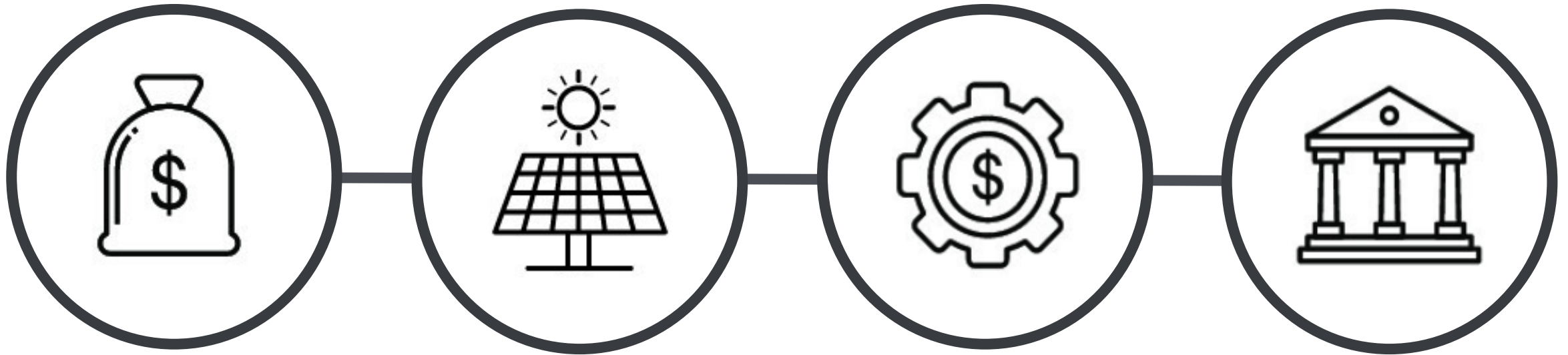
Implementation dependencies

Funding availability

Technology

Industry readiness

Policy direction





From pathways to service plans

Where we are now:

16 mtCO₂e

June 2022

60% reduction target

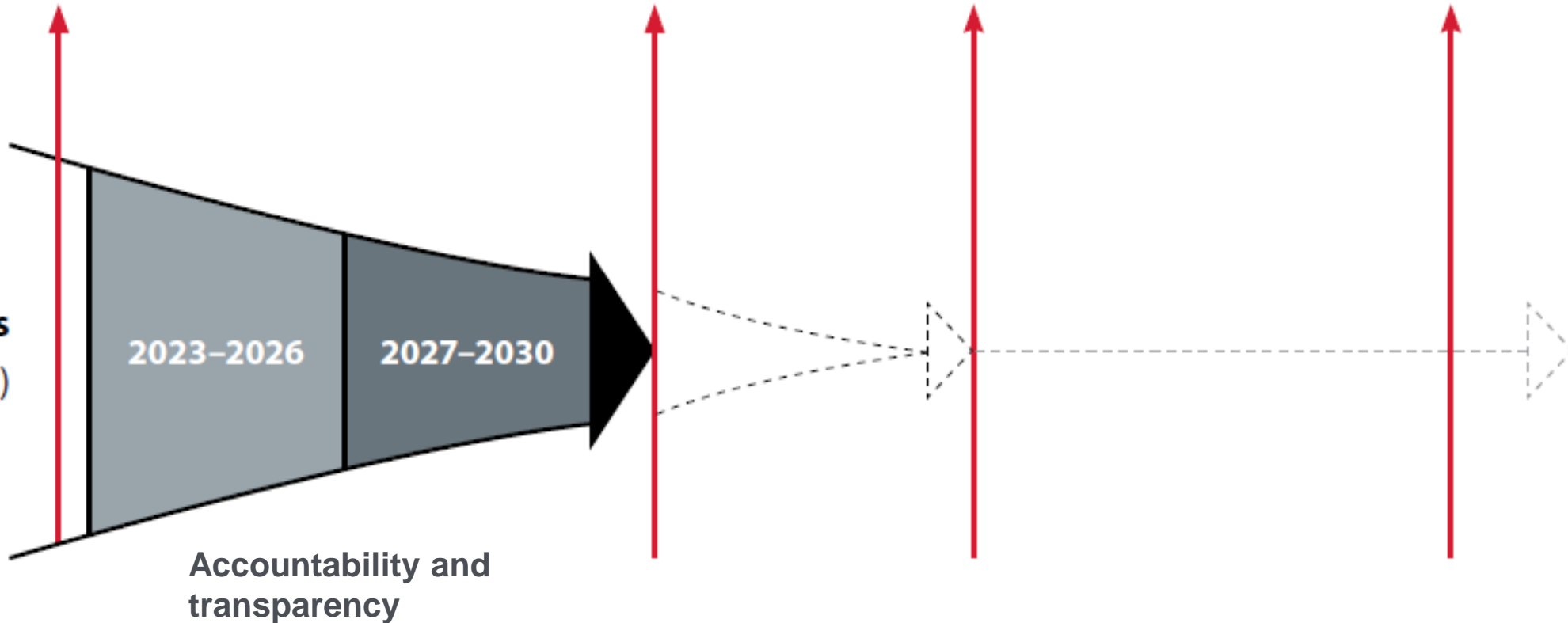
2030

Net Zero target: (0 mtCO₂e)

2050

2080

4-year Budget Cycles
(commitment to action)



Building a climate-smart city



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