



Environment and Climate Advisory Committee Draft Community & Energy Emissions Plan

July 20th 2022

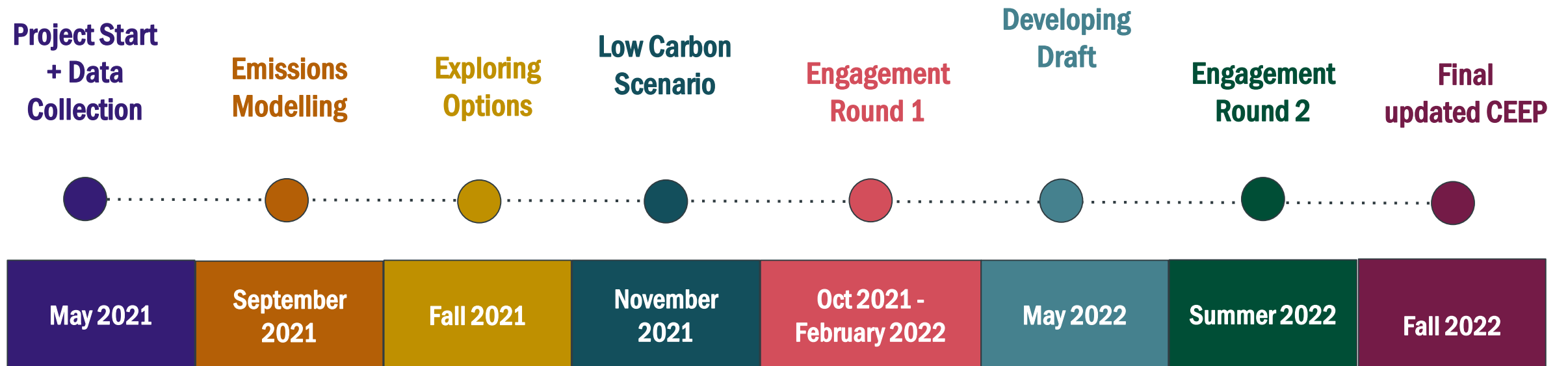


NEW WESTMINSTER

Overview

- Progress update
- Engagement summary & feedback
- CEEP update structure
- Next steps
- Discussion

Project Update & Timeline



Round 1 Engagement Summary

- Identified priority areas & community needs
- Gauged feasibility of actions
- Ensured actions are New West specific



What We Heard

- Support for retrofits, including heat pumps.
- Support for more locally generated renewable energy.
- Greater support for enhancing active transportation and making transit more convenient, affordable and accessible, than for encouraging the use of electric vehicles.
- Design City programs and incentives to better reach equity-denied groups with financial and structural barriers.
- Reducing electricity rates for low-income populations would help address energy poverty.

Draft CEEP Structure

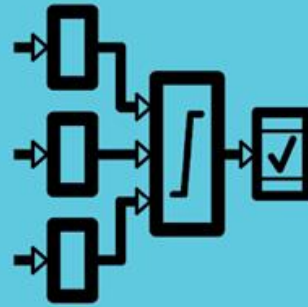
- **Part 1: The Narrative**
- **Part 2: Action Plan Areas**
 - Transportation
 - Buildings
 - Waste
 - Energy
 - Natural Systems & Green Infrastructure
- **Next Chapter**

1. Reduce



Reduce or avoid energy consumption in the first place.

2. Improve



Improve the efficiency of the energy system (supply and demand).

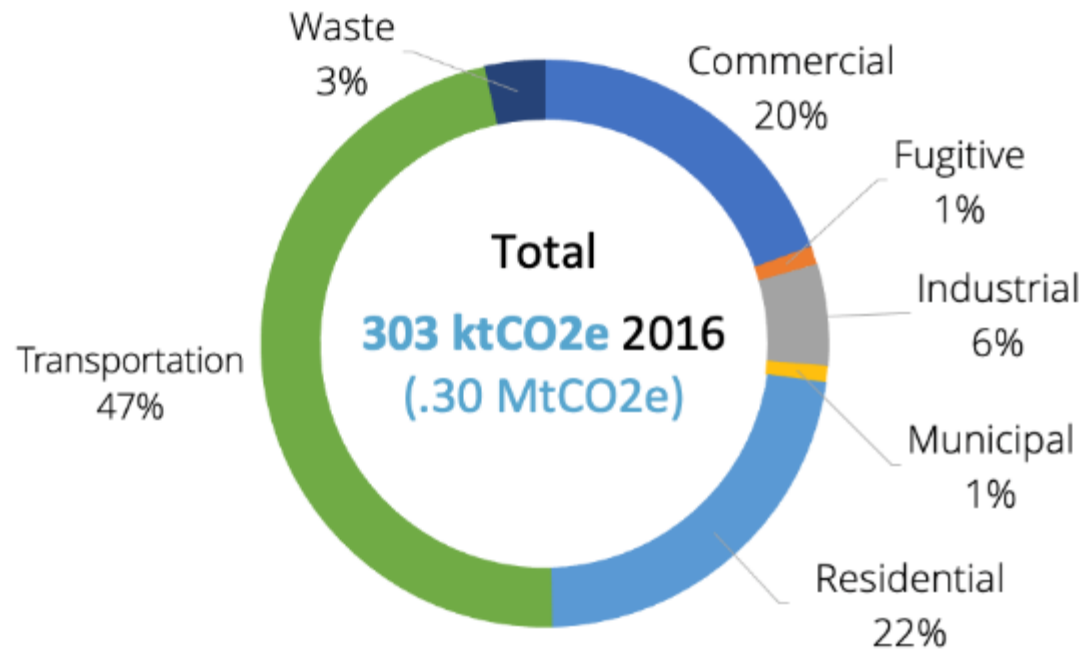
3. Switch



Fuel switch to low-carbon or zero-carbon renewable sources.

Key Action Areas: Transportation & Buildings

TOTAL EMISSIONS (ktCO₂e), by sector



ktCO ₂ e	2016	2016 Share
Commercial	59	19%
Fugitive	3	1%
Industrial	17	6%
Municipal	3	1%
Residential	68	22%
Transportation	143	47%
Waste	10	3%
Total	303	100%

Transportation

- Accelerate implementation of the Master Transportation Plan
- Support TransLink's implementation of Transit 2050
- Implement the eMobility Strategy
- Collaborate with Metro Vancouver and other partners to support the transition to zero emission vehicles and explore establishing zero emission vehicle zones



Buildings

- Increase supports for building retrofits
- Act on new legislative tools
 - Fuel switching
 - Energy benchmarking
- Ensure all new buildings meet the highest tier of the BC Energy Step Code before 2030



Waste & Circular Economy

- Support waste reduction
- Increase waste diversion
- Embrace Circular Economy principles



Energy

- Support energy conservation & demand management
- Support local energy generation (e.g. solar gardens)
- Explore expanding District Energy
- Explore Smart Grid Technologies



Natural Areas & Green Infrastructure

- **Develop Adaptation Strategy**
- **Continue to implement:**
 - **Urban Forest Management Strategy**
 - **Integrated Stormwater Management Plan**
 - **Reduction of water consumption**



Next Steps

- Summer consultation
- Final revisions
- Council endoresement in Fall 2022

Questions for the Advisory Committee

- What actions in the CEEP update excite you?
- Are there any areas you feel needed more attention or were missing?