



Climate 2050 Strategy

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Climate Action Committee



metrovancover
SERVICES AND SOLUTIONS FOR A LIVABLE REGION

Climate Challenge

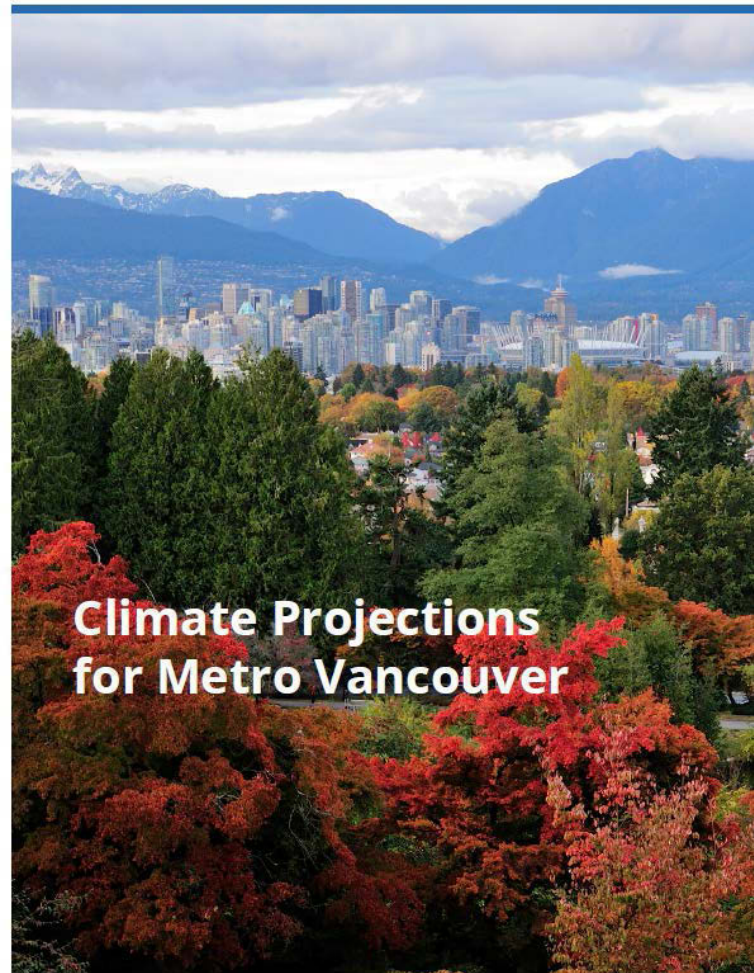


Board Strategic Plan 2015-2018

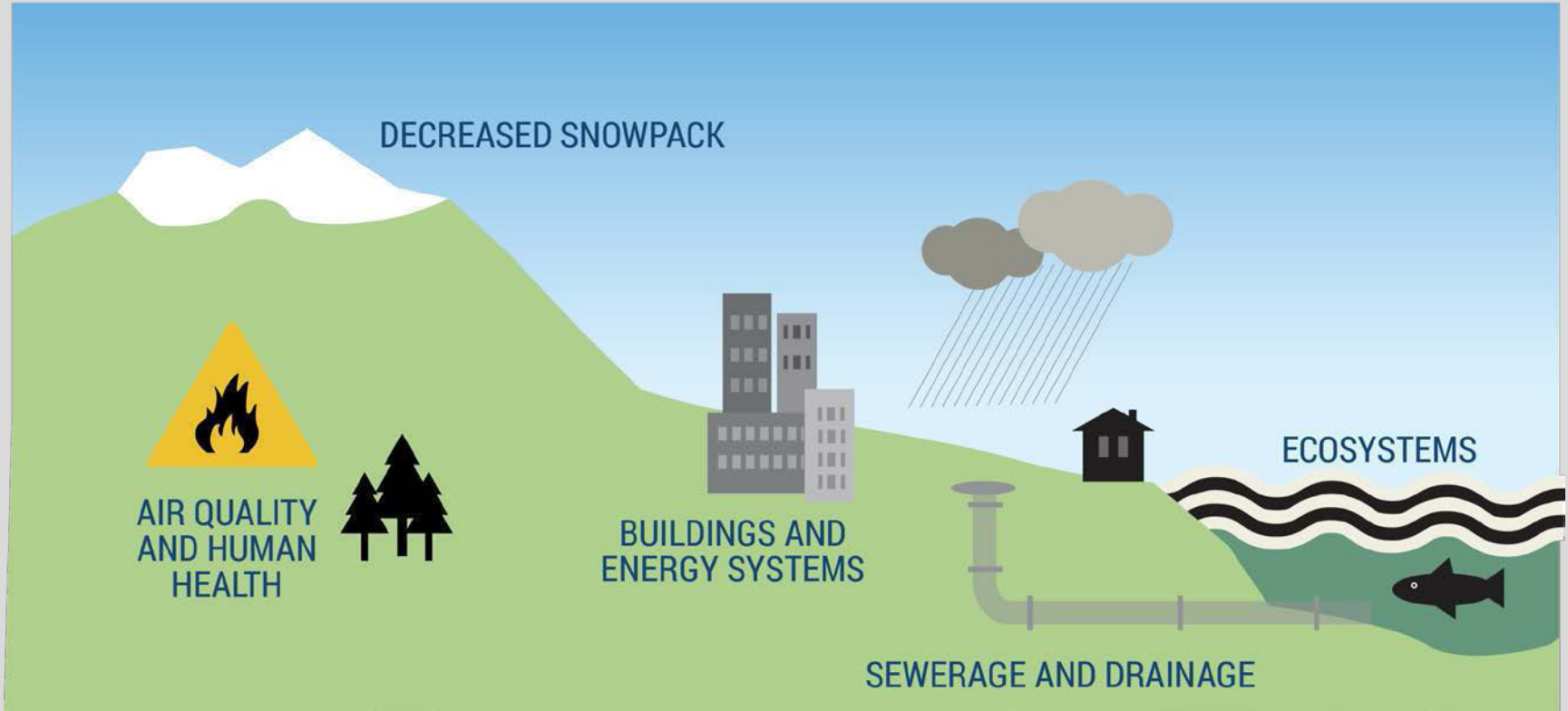
“Develop, adopt and implement a regional climate action strategy for reducing regional greenhouse gas emissions and adapting to climate change.”

Climate Projections 2050s

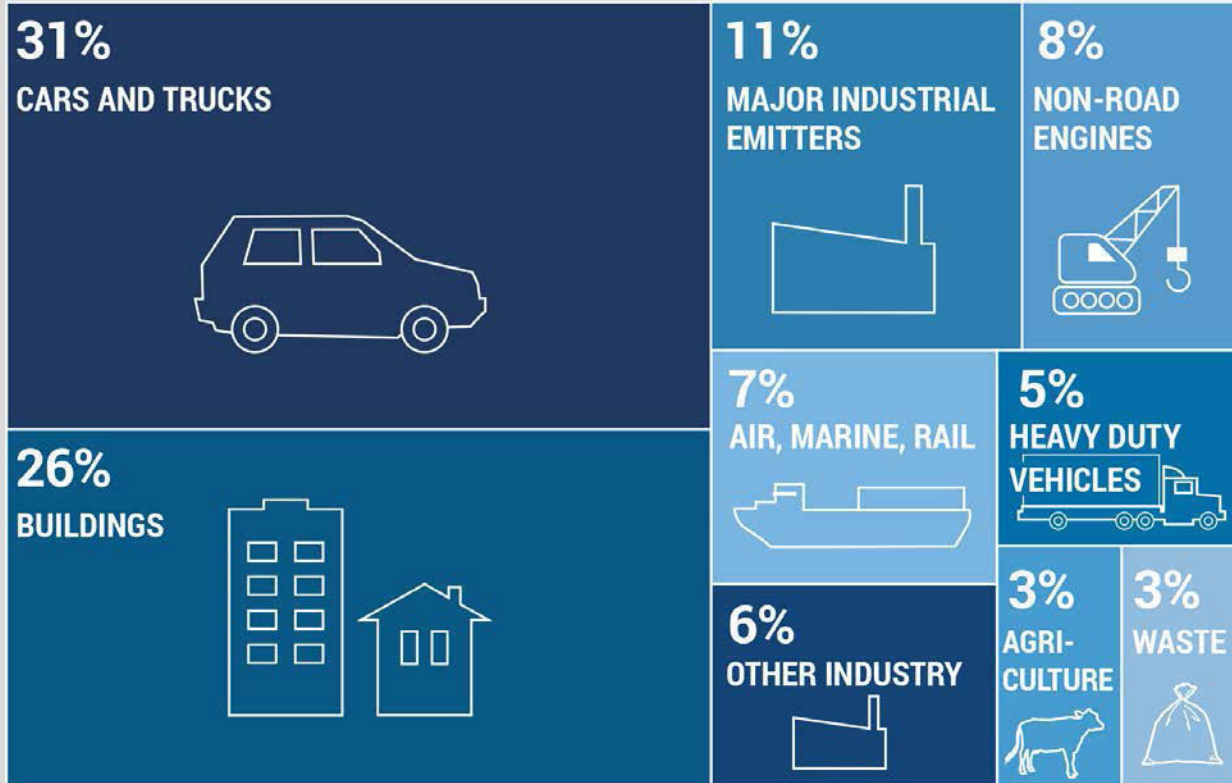
- Longer, hotter, drier summers
- Warmer, wetter winters
- More extreme weather events
- Decreased snowpack
- Sea level rise



Anticipated Climate Impacts (2050s)



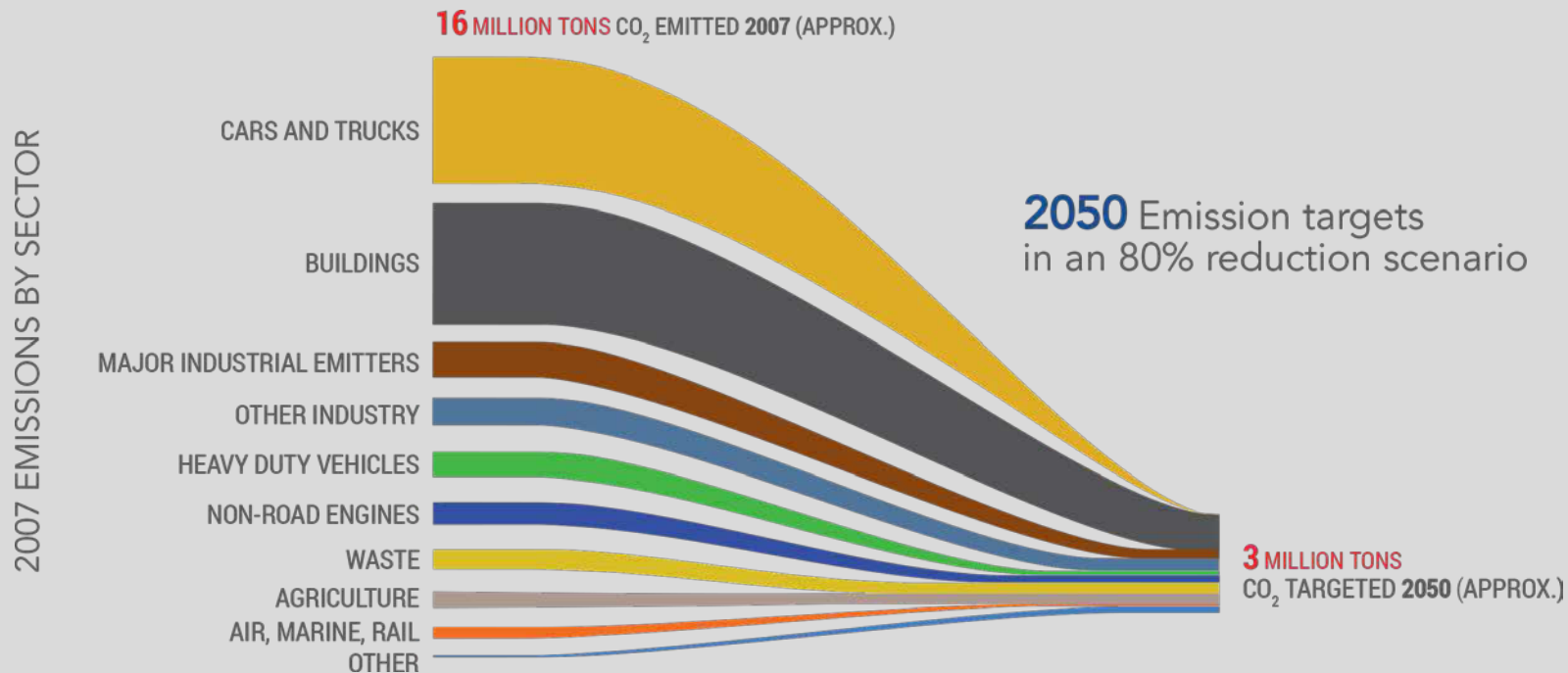
Regional Sources of GHG Emissions



Regional Greenhouse Gas Reduction Target

- Scientific research has indicated keeping global temperature rise below 2°C is important to avoid the more catastrophic impacts of climate change
- 70% reduction in global GHG emissions by 2050 (compared to 2010 levels) is required to stay under 2°C
- In 2008, MVRD Board adopted a regional target of 80% reduction in greenhouse gas emissions below 2007 levels by 2050.

Getting to 80% by 2050: Metro Vancouver Scenario



Metro Vancouver's Role in Climate Change

ADAPTING TO CLIMATE CHANGE	REDUCING GREENHOUSE GAS
<p data-bbox="434 426 784 492">REGIONAL PLANNING AND COORDINATION</p> <p data-bbox="434 525 877 683">Support residents, businesses and member jurisdictions in preparing for the changing climate.</p>	<p data-bbox="1058 426 1408 492">PROGRAMS, POLICIES AND REGULATIONS</p> <p data-bbox="1058 525 1450 639">Reduce GHG emissions from residents, businesses and institutions.</p>
<p data-bbox="434 773 751 838">PLANNING, DESIGN AND INVESTMENT</p> <p data-bbox="434 871 919 986">Ensure Metro Vancouver's operations and assets are resilient to the changing climate.</p>	<p data-bbox="1058 765 1470 831">GHG MANAGEMENT AND ENERGY EFFICIENCY</p> <p data-bbox="1058 863 1499 978">Reduce GHG emissions from Metro Vancouver's operations and assets.</p>



Climate 2050 Strategy

Proposed Vision Statement

Metro Vancouver demonstrates bold leadership in responding to climate change

- Ensuring our infrastructure, ecosystems, and communities are resilient to the unavoidable impacts of climate change
- Pursuing a regional target of 80% reduction in greenhouse gas emissions by 2050.

Proposed Guiding Principles

Ambitious

Integrated

Dynamic

Fair

Evidence-based

Actionable

Relevant

Inclusive & Collaborative

Comprehensive

Transparent & Verifiable

Proposed Guiding Principles

Ambitious – Demonstrate global and local leadership by ambitiously tackling our local climate challenges.

Dynamic – Evolve our approach to respond to new information and opportunities.

Evidence-based – Inform decision-making with the most current scientific knowledge and local understanding to assess vulnerability and emissions.

Relevant – Design actions to respond to Metro Vancouver's unique challenges and opportunities and deliver local benefits.

Proposed Guiding Principles

Comprehensive – Undertake climate actions across Metro Vancouver's functions and support actions across sectors and communities.

Integrated – Ensure actions are integrated with other municipal and regional policy priorities and are coordinated with Provincial and Federal initiatives.

Fair – Seek solutions that equitably address the risks of climate change, share the costs and benefits of action, and support a livable and affordable region.

Proposed Guiding Principles

Actionable – Propose actions that can realistically be implemented given MV's mandate, finances and capacities; if necessary evaluate changes to mandate.

Inclusive & Collaborative – Involve Metro Vancouver's members, strategic partners and communities in the planning and implementation of the Climate 2050 Strategy.

Transparent & Verifiable – Follow an open decision-making process, and set goals that can be measured, reported, verified, and evaluated.

Proposed Guiding Principles

Ambitious

Integrated

Dynamic

Fair

Evidence-based

Actionable

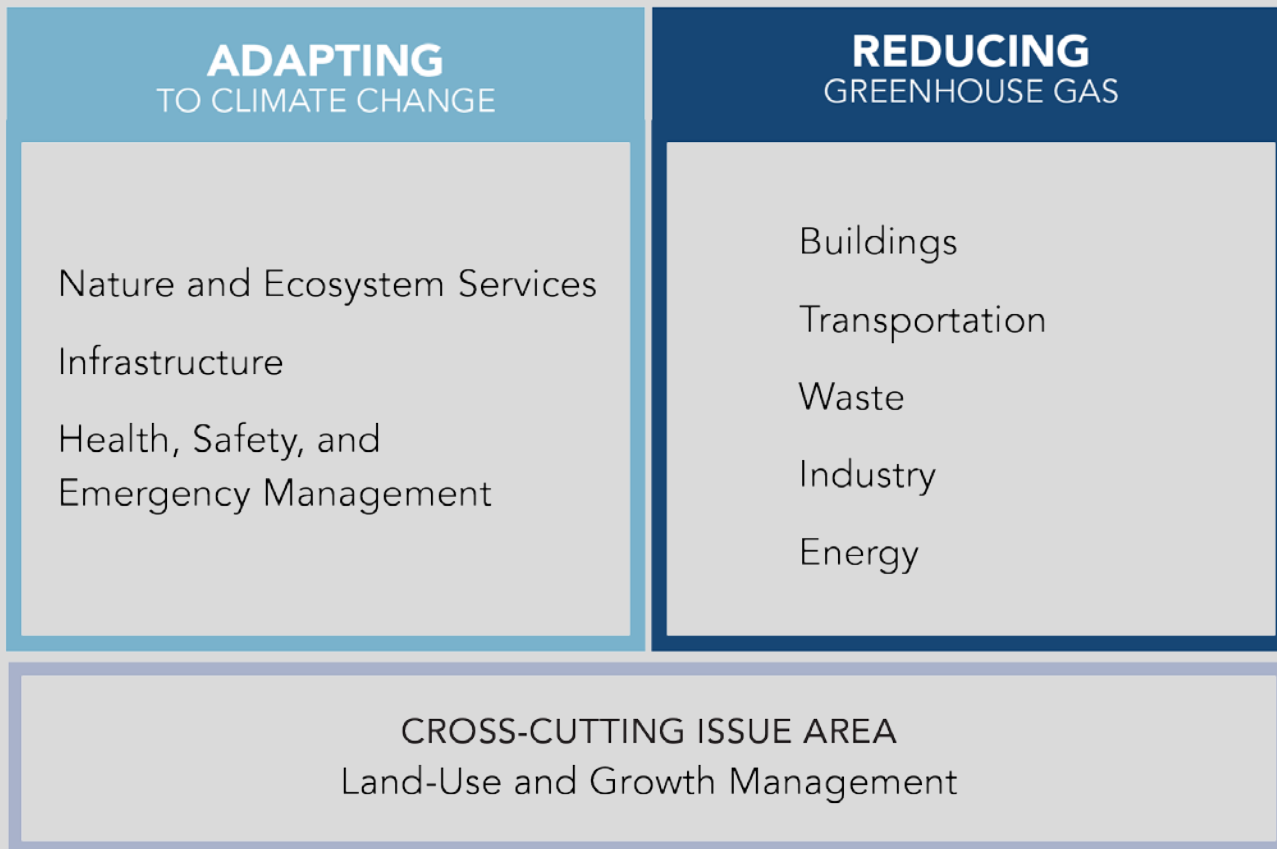
Relevant

Inclusive & Collaborative

Comprehensive

Transparent & Verifiable

Proposed Issue Areas



Next steps

2018

- Q1:** Updated Discussion Paper and Engagement Process
- Q2:** Initiate Stakeholder Engagement
- Q3:** Report on Stakeholder Engagement and seek CAC and Board direction



Questions and Discussion