



Coquitlam Water Treatment Plant

Water and Wastewater Infrastructure Paper

CLIMATE 2050 DISCUSSION PAPER

Jesse Montgomery

DIVISION MANAGER, ENVIRONMENTAL
MANAGEMENT, WATER SERVICES

Feb 11, 2021 – Water Committee

43511386

Jason Emmert

SENIOR PLANNER, AIR QUALITY AND
CLIMATE CHANGE

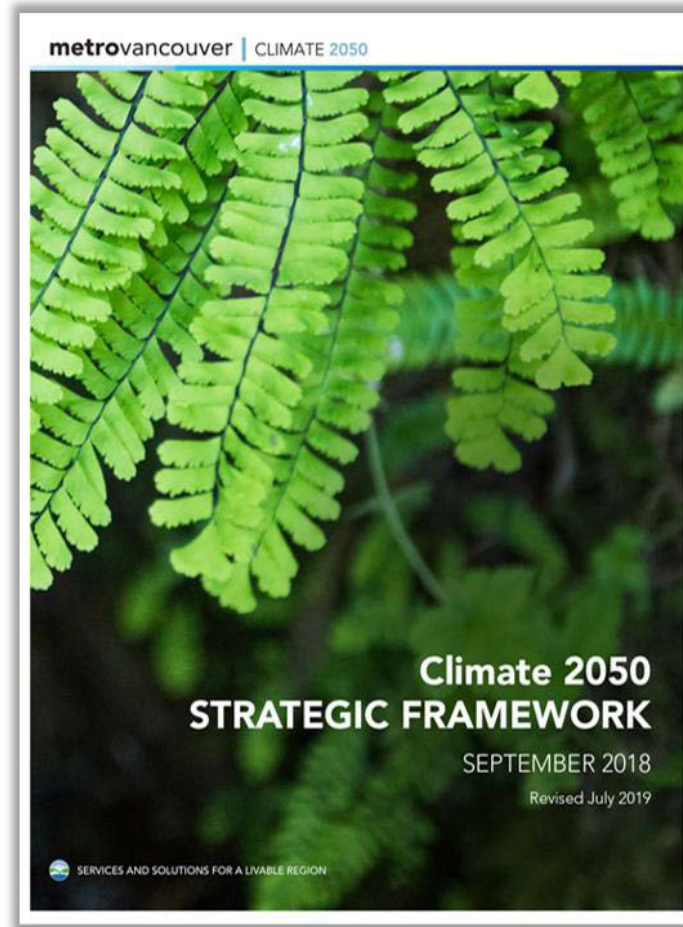
metrovancouver

Water Committee

CLIMATE 2050

Climate 2050 goals:

- Resilient to the impacts of climate change
- 45% reduction in emissions from 2010 levels, by 2030
- Carbon neutral region by 2050





Infrastructure



Human Health and Well-Being



Nature and Ecosystems



Buildings



Transportation



Energy



Land-Use and Growth Management



Industry

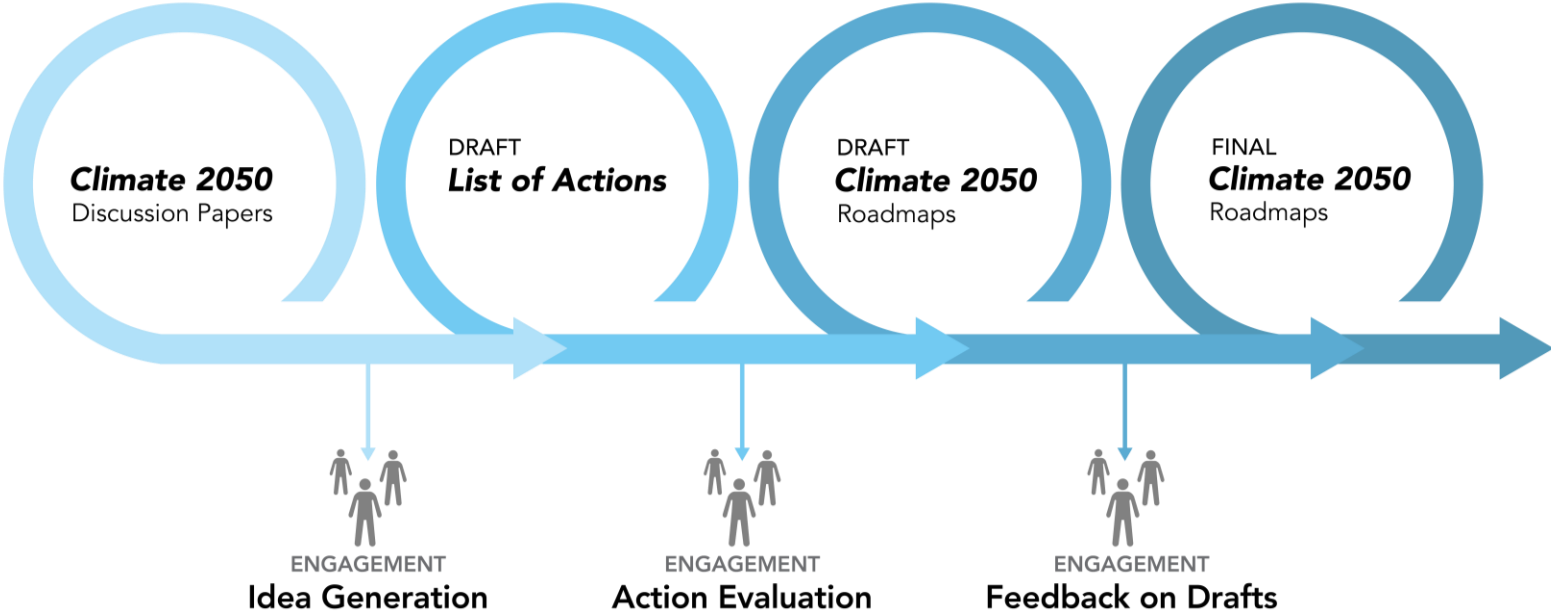


Agriculture



Waste

CLIMATE 2050 DEVELOPMENT PROCESS



WATER AND WASTEWATER INFRASTRUCTURE DISCUSSION PAPER

- Goals and Big Ideas for reducing greenhouse gas emissions and climate change adaptation
- Supports upcoming updates to Liquid Waste and Drinking Water Management Plans



Annacis Island Waste Water Treatment Plant

PROPOSED GOALS FOR WATER AND WASTEWATER INFRASTRUCTURE (BY 2050)

1. Water infrastructure and operations to be carbon neutral
2. Wastewater infrastructure and operations to be better than carbon neutral with resource recovery opportunities
3. Water and wastewater infrastructure is resilient to the impacts of climate change, including high temperatures, severe weather, floods, wildfire impacts and supply chain disruptions

NEXT STEPS

- Discussion Paper posted online with feedback form
- Additional engagement:
 - Social media outreach to public
 - Metro Vancouver's Climate Webinar Series
- Feedback on discussion paper will support development of *Climate 2050 Roadmaps*



Seymour Reservoir

Questions?

metrovancouver
Together we make our region strong