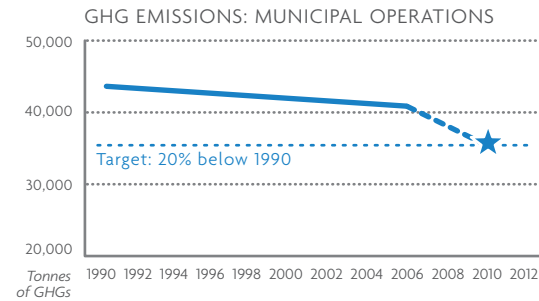


MUNICIPAL OPERATIONS

on track to target

- Floor space of municipal buildings has increased 25% but net GHG emissions are down 11% due to comprehensive energy efficiency measures
- Use of “right-sized” vehicles, bio-diesel fuel blends, and best operating practice in the fleet has limited GHG emission growth to 11% despite growing demand.
- Use of LED traffic signals has reduced their energy use by 85%



What emissions are included in municipal operations?

The City’s corporate greenhouse gas emissions are those produced by the buildings, vehicles, and waste produced by City Hall, Fire, Police, Parks and Recreation, and Libraries.

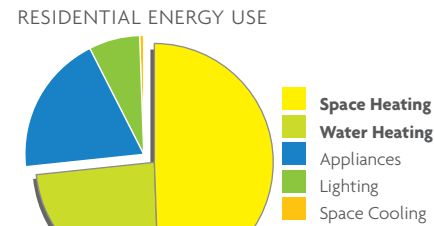


All new civic facilities must achieve a LEED Gold rating; the highest environmental standard adopted by any municipality in North America.

BUILDINGS

green building leadership

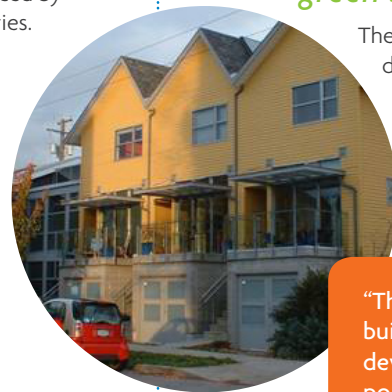
- Highest level of energy performance for new large residential and commercial buildings of any major city in Canada
- Partnerships with local utilities and the Province to develop innovative and award winning energy conservation programs for residential and commercial buildings
- Tool development and Green Building Strategy implementation towards achieving carbon-neutral new buildings target by 2030



Source: Natural Resources Canada (2005 OATA – BC)

What is the City doing to advance green buildings?

The City is helping to build industry capacity to develop high performance buildings through its control of land-use and by requiring leading-edge practice for developments on City land.



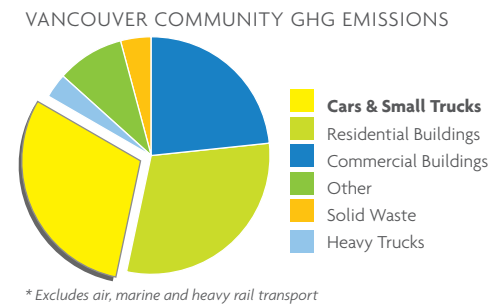
“The City is a national leader in green building and sustainable community development through its innovative policies and programs making it one of the greenest and healthiest cities in Canada.”

Thomas Mueller, President and CEO of the Canada Green Building Council

TRANSPORTATION

decreasing automobile usage

- Rapidly increasing transit, cycling and pedestrian infrastructure
- Programs to promote active transportation such as cycling skills training, walking school busses, etc.
- Vehicle idling bylaw and low emission parking discounts
- Gasoline sales in Vancouver peaked in 1999



Integrating Land-use with Transportation Planning

Vancouver’s compact neighbourhoods with easy access to work, shopping, and recreational opportunities make walking, cycling, and transit more attractive as means of transportation.



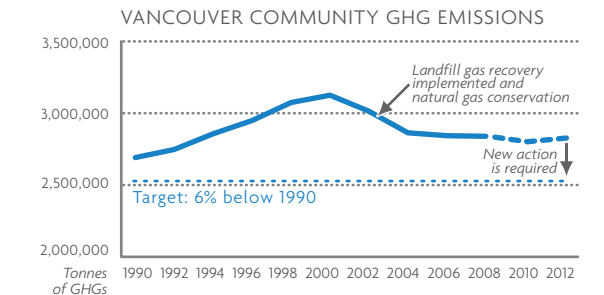
In Vancouver between 1994 and 2004,

- walking trips increased 44%
- cycling trips increased 180%
- transit trips, up 20%, are increasing faster than in any other major Canadian city
- car and light truck trips decreased 10%

WASTE AND ENERGY

harvesting green energy

- Roughly 75% of the methane emissions from the Vancouver Landfill are captured and used to generate heat for local greenhouses and enough power for 6,000 houses.
- The City has created the Neighbourhood Energy Utility (NEU) to develop sustainable district energy systems.



What is a District Energy System?

District heating systems like the NEU produce energy at a local facility and distribute it to buildings throughout the neighbourhood using a network of underground hot water pipes.

The Southeast False Creek NEU will reduce greenhouse gas emissions by up to 60% and be the first system in North America to use sewage heat recovery technology. Supplementary heat will come from solar hot water systems.

a shared challenge

While Vancouver is one of North America's leaders in addressing the challenge of climate change, rapid population and employment growth since 1990 (24% and 14% respectively) have resulted in a total increase in greenhouse gas emissions of 5% since 1990.

Most of Vancouver's emissions are directly controlled by individuals. If we are going to meet our 6% reduction target by 2012, each of us will need to make the changes that are within our power to decrease energy and fuel use.



AT HOME

Did you know 78% of energy is used for space heating and hot water?

- Wash laundry in cold water with special cold-wash detergent
- Install a low flow shower head
- Have your home's energy efficiency evaluated



ON THE MOVE

Did you know 30% of community emissions are linked to passenger cars and trucks?

- Cycle, walk, carpool or take transit whenever possible
- When purchasing a vehicle, consider size and fuel efficiency ratings



AT THE STORE

Did you know the average meal travels 2,000 km to your plate?

- Buy less and waste less
- Choose locally produced products
- Purchase products with less packaging, or with recyclable or reusable containers.

For tips, tools, and incentives for making these and other changes, visit www.onedayvancouver.ca



oneday...

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One Day Vancouver could be the cleanest, greenest, healthiest city in the world

CLIMATE PROTECTION

PROGRESS REPORT 2007

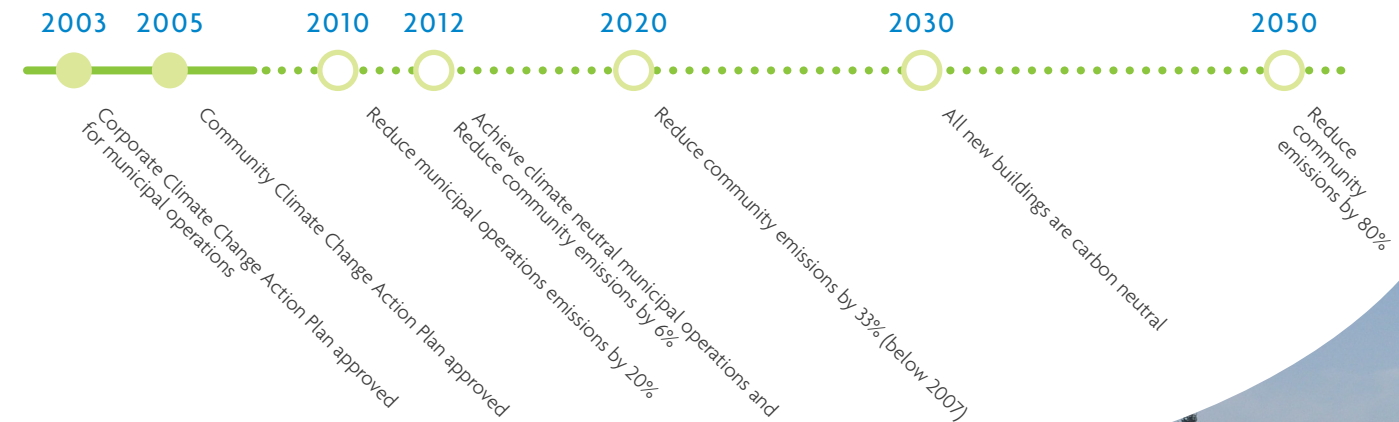


"Vancouver's success to date in addressing climate change demonstrates that local action by residents, businesses, and government matters. Our future depends on all of us taking advantage of additional opportunities to improve our lives, further reducing energy and fuel use."
— David Suzuki

The City of Vancouver is one of the leading cities in North America acting to address climate change. Greenhouse gas emissions (GHG) from municipal operations are 5% below 1990 levels and on track to a 20% reduction by 2010.

As a community, Vancouver has the lowest emissions on a per person basis of any major North American city and is amongst the leaders in reducing per capita emissions since 1990. Despite these successes, additional action by citizens, businesses, and all levels of government are required if the effects of rapid population growth are to be offset and the targeted 6% reduction in total emissions by 2012 is to be achieved.

Vancouver's Greenhouse Reduction Targets all reductions are from 1990 unless otherwise stated



To learn more about the City's Climate Change Action Plans, visit www.vancouver.ca/sustainability

