

# VANCOUVER'S CLIMATE LEADERSHIP

A DYNAMIC AND GROWING CITY  
CARBON FOOTPRINT ALREADY BACK TO 1990 LEVELS  
ON TRACK TO MEET KYOTO TARGETS



**VANCOUVER**  
GREEN CAPITAL



# WE WILL BE THE GREENEST CITY IN THE WORLD BY 2020



Inspired by our beautiful surroundings, Vancouver has made many smart green decisions for the future. Our success shows that cities really can reduce their impact on the planet while growing rapidly.

Yet, today's environmental challenges require us to do better. That's why we're striving to be the greenest, and building our economy to support this goal.

We challenge all cities to this friendly but vital competition to be the greenest, for the health and prosperity of our world.

A handwritten signature in cursive script that reads "Gregor Robertson".

**Gregor Robertson**  
Mayor of Vancouver

View of downtown from Burrard Inlet



“Vancouver continues to show strong leadership in implementing solutions to the climate crisis. By acting now to reduce emissions, residents, businesses and government are laying the foundation for a thriving and sustainable city, and inspiring other municipalities to do the same.”  
**David Suzuki Foundation**



Southeast False Creek

Vancouver has proven that a city can **grow** and **prosper** and still become a **Green Capital** — a global leader in addressing climate change.

## POPULATION

has increased by **27%**  
and jobs by **18%\***

Vancouver has  
**REDUCED**  
GHG emissions to  
1990 levels

On track to reducing GHG  
emissions by  
**6%**  
below 1990 levels  
by 2012

**LOWEST  
PER  
CAPITA**

emissions of any  
major city in North  
America

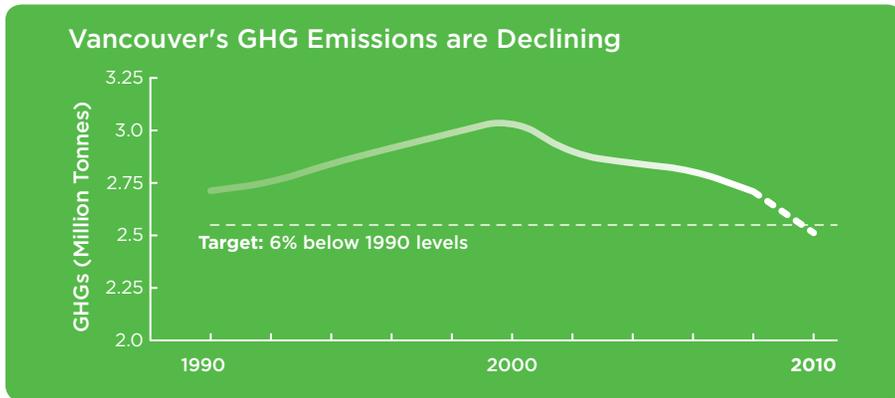
## Greenhouse Gas (GHG) Emissions Per Capita



Find data sources at [vancouver.ca/sustainability](http://vancouver.ca/sustainability) in Vancouver's 2008 Greenhouse Gas Emissions Inventory Summary and Methodology.

\* Population from 1990 – 2008; jobs from 1991 – 2006.  
Source: Adapted from Metro Vancouver Draft Regional Growth Strategy (February 2009) and Statistics Canada, Census Data.

# Renewable energy is becoming Vancouver's norm



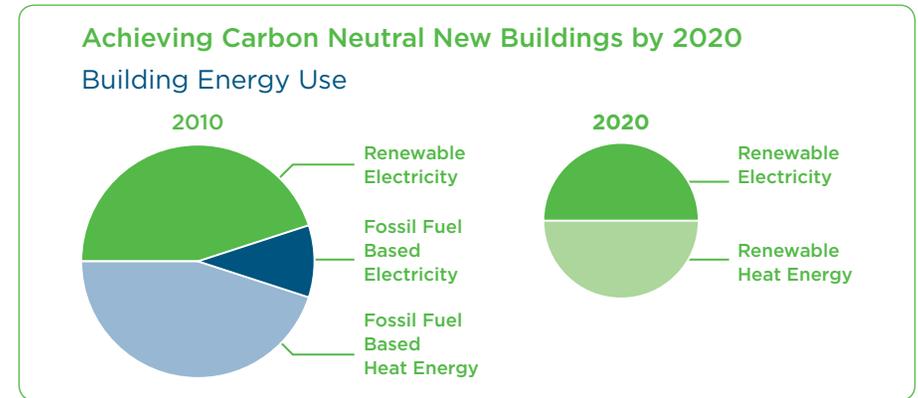
Vancouver's electricity is generated in British Columbia — **94% of it from renewable sources.**

Methane from the City's landfill generates enough clean power for **7,000 homes.**

All new homes constructed in the city will be **pre-piped for solar energy.**

Vancouver is also developing **neighbourhood-scale** renewable energy projects. Conversion to renewable sources will **create new green jobs.**

# Leading the way on green buildings in North America



The City of Vancouver has implemented the **greenest building code** for new houses on the continent.

We've **removed policy barriers** to green roofs, solar energy systems and passive building design.

The **first "net-zero" multi-family building** in Canada was built in Vancouver, and produces as much energy as it consumes.

We're developing tools to **enable investment** in renewable energy, high performing new buildings, and retrofits to existing buildings.

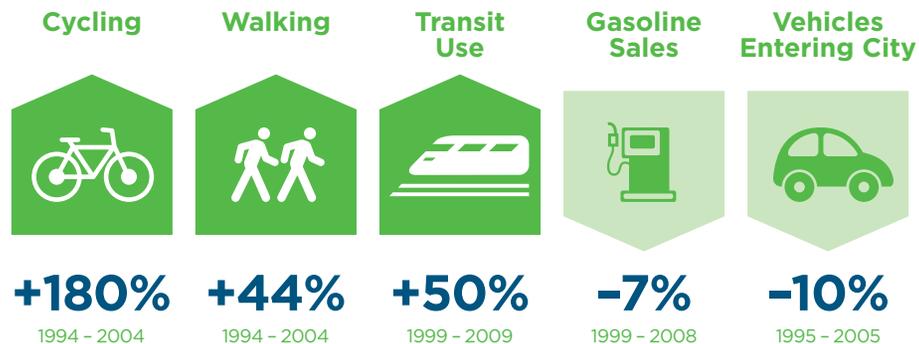


The Neighbourhood Energy Utility (NEU) uses sewage heat recovery technology — supplemented by solar-heated hot water — to reduce GHG emissions from the nearby 2010 Olympic Athlete's Village in the Southeast False Creek neighbourhood by **over 50%.**



All major new developments in Vancouver must achieve at least LEED™ Silver. In the Southeast False Creek neighbourhood alone, there is already over **1.2 million square feet** of LEED™ Gold or Platinum development for the 2010 Olympic Village.

# Rising to meet the green transportation challenge



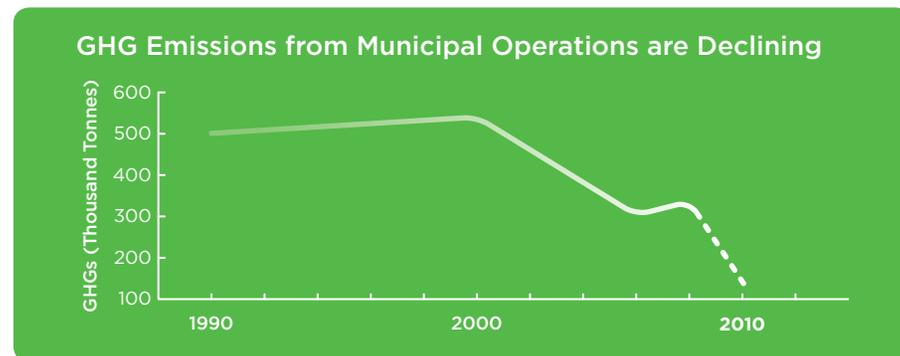
Vancouver is creating compact neighbourhoods with **higher density** to provide easy access to work, shopping and recreation.

The City has shifted investment to **walking, cycling and transit** infrastructure instead of building new roads.

The City's bike route network has expanded by **32%** since 2006.

The Canada Line rapid transit route opened in 2009, carrying up to **100,000 people per day** — expanding and connecting into regional transit and the airport.

# City operations lead by example



The City has reduced emissions from municipal operations to **33% below 1990 levels**.

All new municipal buildings must achieve a **LEED™ Gold rating** — the highest standard of any municipality in North America.

Vancouver received an **E3** (Energy, Environment and Excellence) **Fleet Gold rating** for fleet management, which includes the use of compact and fuel efficient vehicles, bio-diesel fuel and community car sharing.

We have committed to make municipal operations **carbon neutral by 2012**.



Vancouver is the first Canadian city to require all new houses and developments to provide **charging points for electric vehicles**.



Monica Poitras, Energy Manager  
City of Vancouver

High performing new buildings and comprehensive energy retrofits (to be completed in 2010) — will **reduce emissions 22% below 1990 levels**, despite a 24% increase in floor space.

# A BRIGHT GREEN FUTURE

## Vancouver's GHG Reduction Targets

**2010**

Reduce municipal operations GHG emissions by **20% (achieved)**

**2012**

**Carbon neutral municipal operations**

Reduce community emissions by **6%** (on track to achieving)

**2020**

Reduce community emissions by **33%**

**All** new buildings are carbon neutral

**2050**

Reduce community emissions by **80%**



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GREEN CAPITAL



To learn more about climate leadership at the City of Vancouver,  
visit [vancouver.ca/sustainability](http://vancouver.ca/sustainability)

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