





GREENEST CITY

A world-renowned city for green thinking & living

VANCOUVER IS LEADING ON CLIMATE ACTION

GCAP 2020, Renewable Energy 2050, Zero Waste 2040

GREEN JOBS GROWING BY 6% EACH YEAR

Now transforming all industries e.g. construction, film

LOWEST PER CAPITA FOOTPRINT IN N. AMERICA

Declining GHGs despite booming economy

TOP 10 GLOBAL CLEANTECH CLUSTER

And #1 in Canada

BEST BUILDING CODES IN THE WORLD

World Building Council







GREENEST CITY

A hub where innovation & creativity intersect







3D Bio Printing

Virtual Reality

Video Streaming





Business Communication

Quantum Computing





Fusion Energy

Thought Leadership



Global-scale Carbon Capture















\$650M

\$146M

\$130M

\$100M

KENSINGTON CAPITAL VENTURES

BRITISH COLUMBIA

\$6.7M









versionone

\$100M

\$31M

\$84M

\$41M

\$45M











\$100M







7 BC Companies Named in Global Cleantech 100 List

(From 12,000 world-wide nominations)















Emerging Tech Leaders







PortableElectric





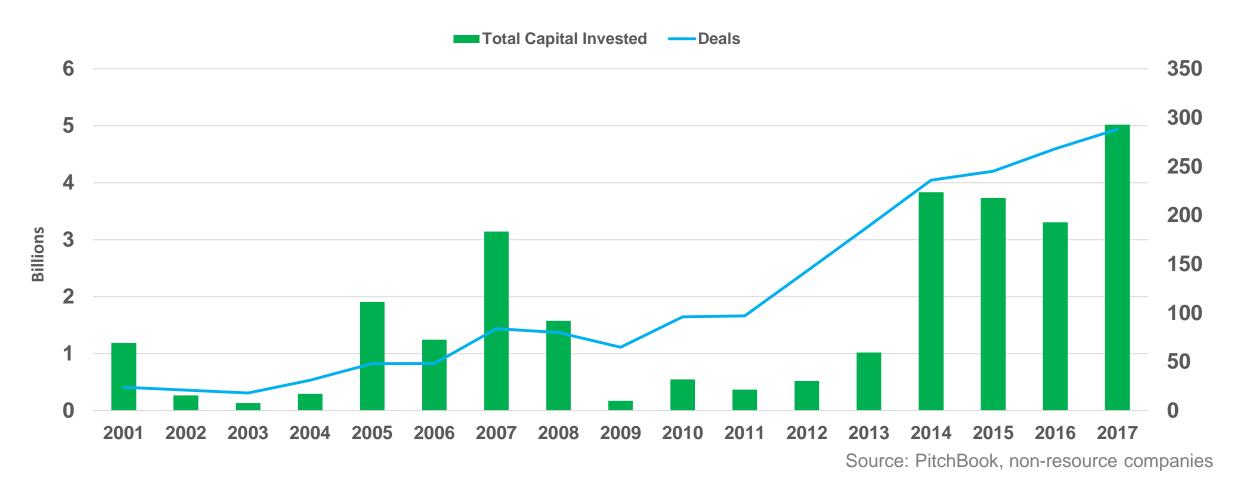






GREENEST CITY

Capital Investment into the Metro Vancouver has Quintupled Since 2013







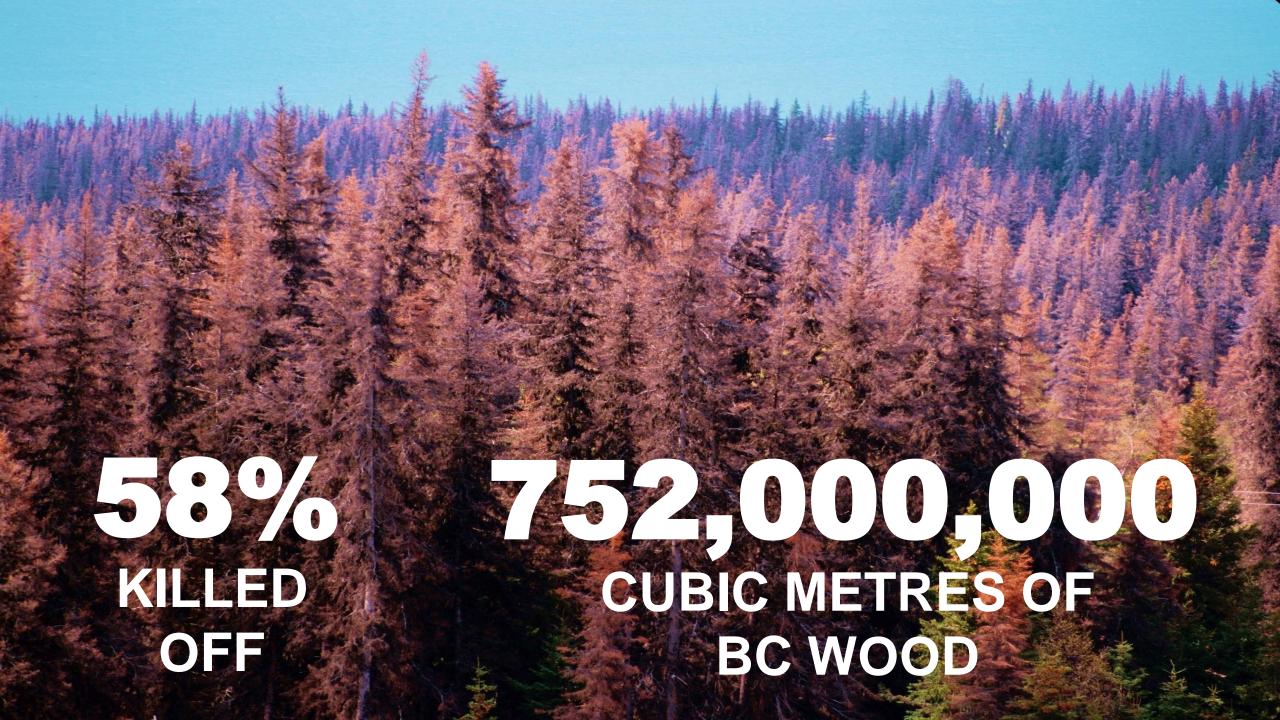






Climate-driven risks to local GDP is already here.













OUR GREENEST CITY JOURNEY



GREENEST CITY FRAMEWORK

Green Buildings ZERO CARBON Green Transportation Lighter Footprint ZERO Zero Waste WASTE Economy Access to Nature Clean Water **HEALTHY ECOSYSTEMS** Local Food Clean Air







PERFORMANCE AT A GLANCE



30% Canada's Cleantech Sector

with only 7% of Canada's population



28%

Increase in GDP since 2007



12% GHG reduction

reduction in community-wide GHG emissions since 2007



35% Green Jobs Growth since

growth in green & local food jobs since 2010



New trees planted since 2010



28% +

reduction in solid waste sent to a landfill or incinerator since 2008



reduction in water use per capita since 2006



of trips in the city are made by walking, biking, or transit



decrease in vehicle KM driven per person since 2007



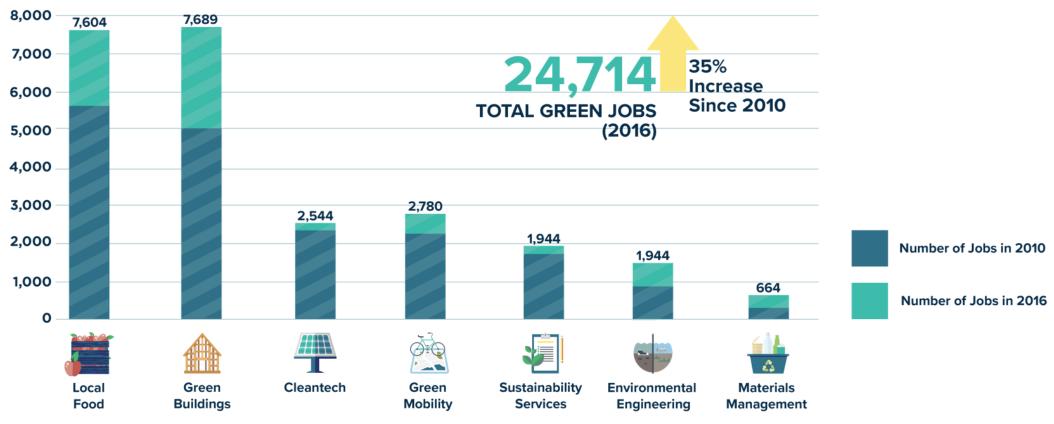
increase in neighbourhood food assets since 2010



decrease in carbon intensity of New construction since 2007

GREEN JOBS

1 in 15 Vancouverites Work in the Green Economy



Source: Vancouver Economic Commission, 2018





A STRONG GREEN BUILDING SECTOR

Locally, Provincially and Federally



Best Green Building Policy in the World

(World Green Building Council, 2013)



Average annual savings to Vancouverites from lower carbon buildings 2010-2016: \$12M

(City of Vancouver)



Canada's Green Building Industry: \$23.45B in GDP | 297,890 Jobs

(CaGBC, 2014)





CLIMATE EMERGENCY RESPONSE

TARGET

CURRENTLY

-80% CARBON

BEFORE

2050

NEW

CARBON NEUTRAL

BEFORE

2050



1.2M 0.2M 0.4M 0.6M 0.8M 1.0M 1.4M TONNES CO2e REDUCED BY 2030 RENEWABLE FUEL STANDARDS 0.2M TONNES BIG MOVES 1.1M TONNES 1.3M 7-7-67 7 7 REDUCED 24% 14% OF 2030 TARGET

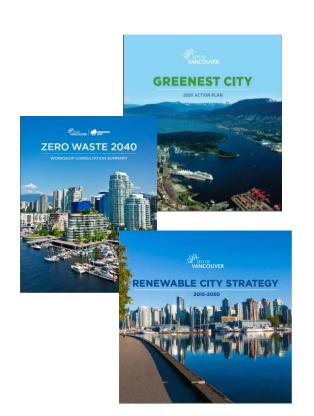
OUR APROACH

Smart Policy & Regulation

Research & Analysis

Innovators & Innovation

Business Engagement















Trade Commissioner Service





EXAMPLE:

BC's Energy Step Code &

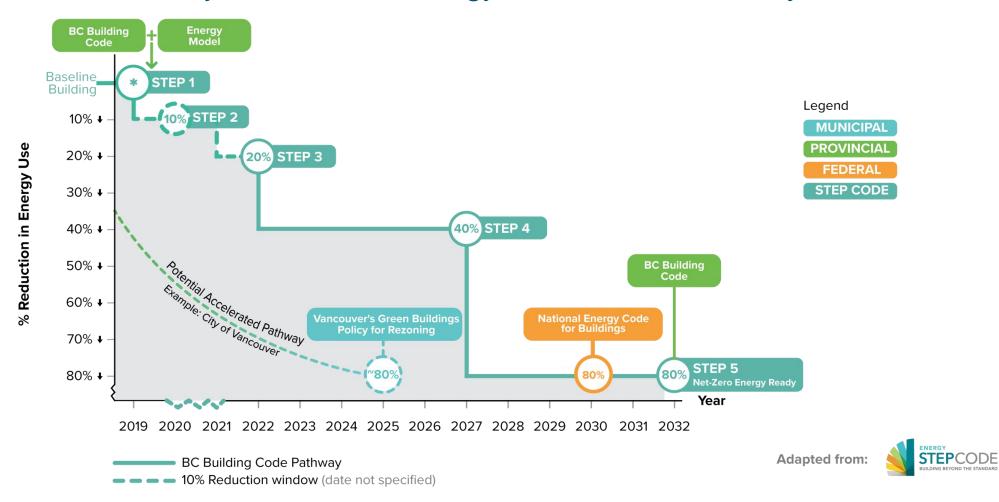
Vancouver's Zero-Emissions Building By-law





BC's ENERGY STEP CODE

A Pathway to Net Zero Energy New Construction by 2032







\$3.3B MARKET OPPORTUNITY

Demand Forecast | New Construction | Metro Vancouver | 2019 - 2032 Cumulative







BC's Larger Green Building Opportunity



BC MARKET + RETROFIT MARKETS



CASCADIA MEGA-REGION



MASS TIMBER, CONTECH, PREFABRICATION

Vancouver



RELOCALIZING THE SUPPLY CHAIN



MARKET ACCESS FOR GREEN BUILDINGS

Notable Trade agreements

- CETA Canada & Europe
- Korean Free Trade Agreement
- Trans-Pacific Partnership Japan +9
- US-Canada-Mexico Agreement NAFTA #2

Market Access

- Pritish Columbia: 4.8M
- Pacific Northwest: 11.5M
- California: 40M





THE INVESTMENT & TRADE OPPORTUNITY



INVEST IN VANCOUVER

LEVERAGE OPPORTUNITY













EXPORT FROM VANCOUVER















LOCAL DEMONSTRATION PLATFORM

Leveraging Regional Assets

- + Transportation Agencies
- + Telecoms
- + Utilities
- + Building Industry
- + Cascadia Partners







Our Path to a Renewable & Circular Future

Vancouver's Big Economic Opportunity:

- 1. Innovation for the Built Environment
 Building codes & regulation that stimulates innovation
 - 2. Transitioning to Green Transportation Infrastructure that supports innovation
 - 3. Zero Waste & the Circular Economy
 New systems and business models







