



Climate Action Snapshot*

Coquitlam's measures toward climate action include initiatives within the community and corporately.



Corporate and Community Targets (2021)

45% GHG reduction by 2030 of 2007 levels

100% GHG reduction (carbon neutral) by 2050

CORPORATE



30+ initiatives

to engage staff in sustainability actions through Carbon Cutters program

The City's vehicle fleet includes:



9 electric or hybrid vehicles



4 compact energy efficient fire trucks



3 electric zambonis



\$800K annual energy savings



40 solar powered parking pay stations



60% streetlights converted to LED



\$1.6 million earned in grants and rebates since 2007; used to advance climate action



30% less emissions with automated waste collection and compressed natural gas trucks (vs. diesel)

COMMUNITY

Climate Adaptation:

- **8** priority CASP initiatives implemented in 2021
- **50** climate adaptation actions identified in the CASP (2020)
- **7** local climate risk events assessed through CASP development



Climate Plans

- Climate Adaptation Strategic Plan (CASP) (2020)
- Community Greenhouse Gas Reduction Strategy (2012)

\$120K residential energy rebates in partnership with BC Hydro



5,000 people reached with energy education programs

* Statistics are current as of January 2021



Built Environment Snapshot

Coquitlam has implemented an environmental focus on development, buildings, infrastructure and transportation systems.

TRANSPORTATION (2021)

25 km
on-street
bike lanes

2
free bike
maintenance stations

20%
current sustainable
mode share*

28 km
shared bikeways

32 km
multi-use pathways



KEY BYLAWS

- Building Bylaw (2003)
- Development Procedures Bylaw (2009)
- Stream and Drainage System Protection Bylaw (2013)
- Subdivision and Development Servicing Bylaw (2003)
- Zoning Bylaw (1996)



Target:

30% sustainable mode share* by 2031

*What is sustainable mode share?

Sustainable mode share = the number of transit, bike or walking trips divided by the total trips over the same time period

PLANNING AND DEVELOPMENT

144
Watercourse
Protection
Development
Permits (2021)

60%
of new growth
directed
to TOD areas
(2016–2020)

80%
of new growth
occurring
within existing
neighbourhoods
(2016–2020)

BUILDINGS

35 City facilities with
energy upgrades

*BC Energy Step Code
endorsed by City Council
on May 17, 2021*



36% of residents live
within walking distance
of a Frequent Transit
Network (2021)



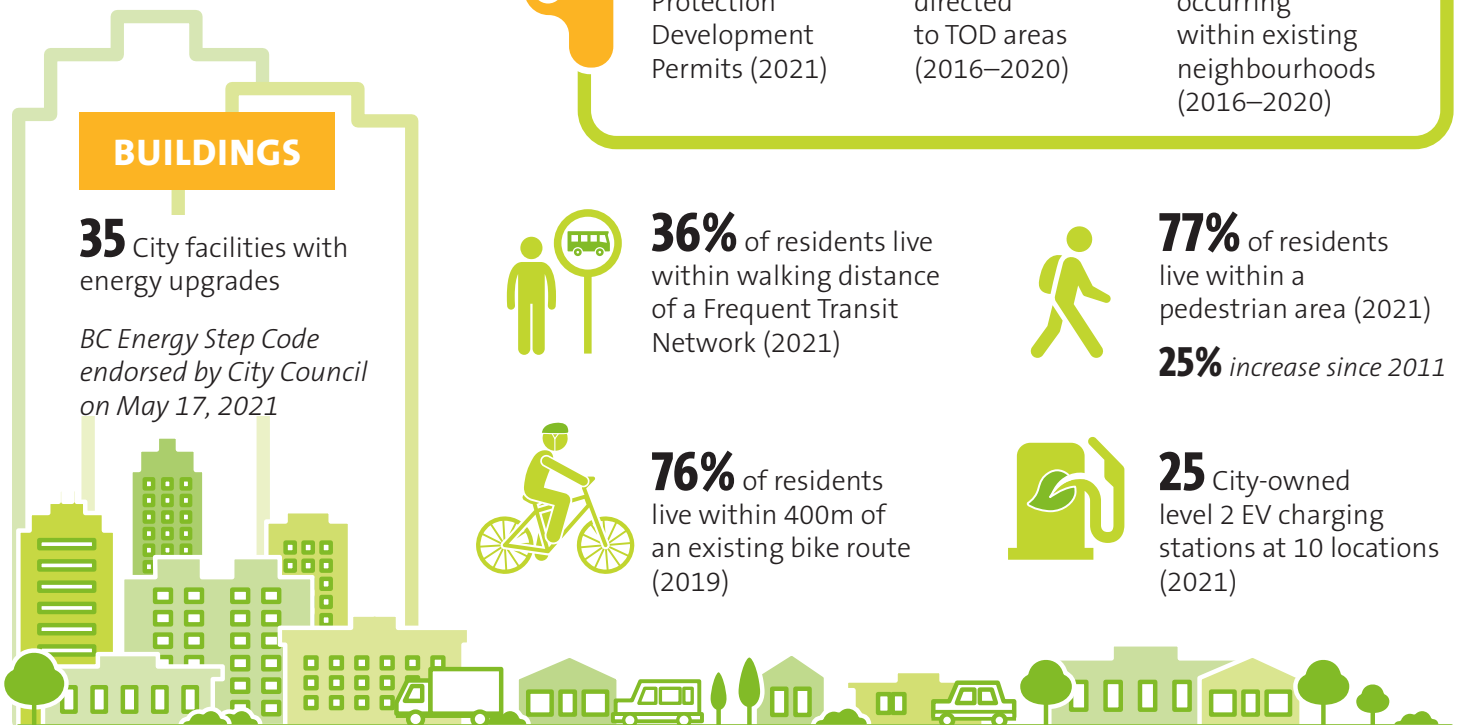
77% of residents
live within a
pedestrian area (2021)
25% increase since 2011



76% of residents
live within 400m of
an existing bike route
(2019)



25 City-owned
level 2 EV charging
stations at 10 locations
(2021)





Waste Management Snapshot

Coquitlam's waste management programs support residents in reducing, reusing and recycling waste.

A GLANCE AT WASTE MANAGEMENT (2020)



+25,000 single family and duplex homes received City collection



+26,000 tonnes garbage and green waste collected

>60% of households subscribed to Coquitlam's Curbside Collection App, the City's waste collection app for collection reminders'



0.37 tonnes garbage generated per household annually
36% lower than regional rate



1,200 households participated in the Citywide Garage Sale since 2014



12% of households use the smallest garbage cart (120 L size) offered in the City's waste program

9,600 items collected in large Item Pick-Up Collection program



499 tonnes collected and composted in Seasonal Unlimited Yard Trimmings program



CITY WASTE PROGRAM HIGHLIGHTS



71% diversion rate by single family households (2020)

64% – Regional rate (2020)



+180 tonnes household recyclables collected annually at Town Centre Recycling Depot

>350,000 Waste Wizard item searches on ReCollect app (2015–2021)



Target:

80% waste diversion



2,700 participants in City school waste reduction program (2017–2020)



500 backyard composters sold to residents since 2014



Water Management Snapshot

Coquitlam actively protects drinking water, enforces the management and protection of watercourses and stormwater, and protects the public and environment from wastewater.

WATERCOURSES AND STORMWATER MANAGEMENT (2021)



1,000+ storm drains marked (2012–2021)

15 creeks monitored for water quality (2021)



Target:

90%+ of watercourse samples meet regional water quality guidelines

PROTECTING OUR WATER

170km of water mains flushed annually to ensure quality

356L per capita average day water use (Metro Vancouver, 2019)

• **17%** lower than the regional average

1,400+ rain barrels sold (2015–2021)

Leak detection program monitors for pipe leaks to identify repairs and conserve drinking water.

EDUCATION



- **11,000** children reached through Water Conservation school programs (2011–2021)
- **55** average number of watershed tours annually since 1983

Did You Know:



- The City is a core member of the Coquitlam River Watershed Roundtable
- Coquitlam conducts year-round flow monitoring in select watercourses
- Plants are used to filter water runoff on boulevards, ditches and medians



ENFORCEMENT (2021)

Bylaws

- Stream and Drainage System Protection Bylaw
- Drinking Water Conservation Plan Bylaw

>900 related tickets issued (all time)

5 Environmental Officers who support:

- water quality
- water conservation
- construction site monitoring





Natural Areas, Wildlife and Habitat Snapshot

Coquitlam enjoys beautiful natural spaces and an abundance of wildlife, and caring for these important parts of our community is a priority.

COQUITLAM'S NATURAL SPACES (2021)

26

areas classified as ravines, forests and greenways

113

parks and open space areas

7.7 km²

forested parks

134 km

City trails



What we heard:

95% of surveyed residents are satisfied with parks, trails, and other greenspaces (2021 Citizen Satisfaction Survey)

PROTECTION, ENHANCEMENT AND STEWARDSHIP

16,547 m² new natural areas added 2019–2020



3,000 m² riparian habitat restored on average each year in public-owned parks and natural areas

80 habitat restoration sites where invasive plants removed and native species replanted (2021)



City Programs

- Park Spark (pollinator programs, Inspiration Garden, Communities in Bloom, tree planting)
- Bad Seed Program (invasive plant removal and restoration planting)

TREES IN COQUITLAM (2021)

>9,600 street trees

>6,500 City park trees

>2,100 trees benefited from the Street Tree Watering Program

54 new street trees planted

1201 native shrubs and trees planted

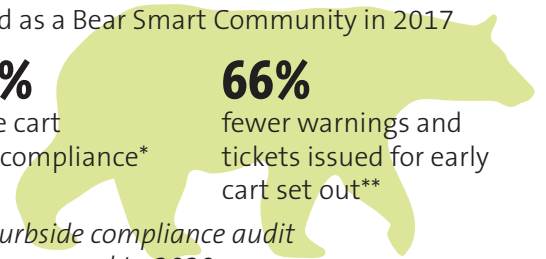
COQUITLAM IS BEAR SMART

Certified as a Bear Smart Community in 2017

99.5% garbage cart set out compliance*

66% fewer warnings and tickets issued for early cart set out**

*2021 curbside compliance audit
**2021 compared to 2020



Morning waste collection and garbage storage requirements help reduce bear access to household waste

Engaging the Community (2021):

Since 2008 we have removed invasive plants and replanted native plants on public lands with the help of:

- **6,000+** volunteers engaged
- **14,000+** volunteer hours

120 km+ roads and trails “adopted” through the Adopt-A-Street and Adopt-A-Trail programs

18 annual environmental achievement celebrations

196 environmental volunteer awards presented

5 community garden locations



KEY BYLAWS

- Pesticide Use Control Bylaw
- Wildlife and Vector Control Bylaw
- Tree Management Bylaw
- Solid Waste Management Bylaw