

GREENEST CITY FRAMEWORK



3 high-level objectives

] () goal areas



ZERO CARBON Climate and Renewables

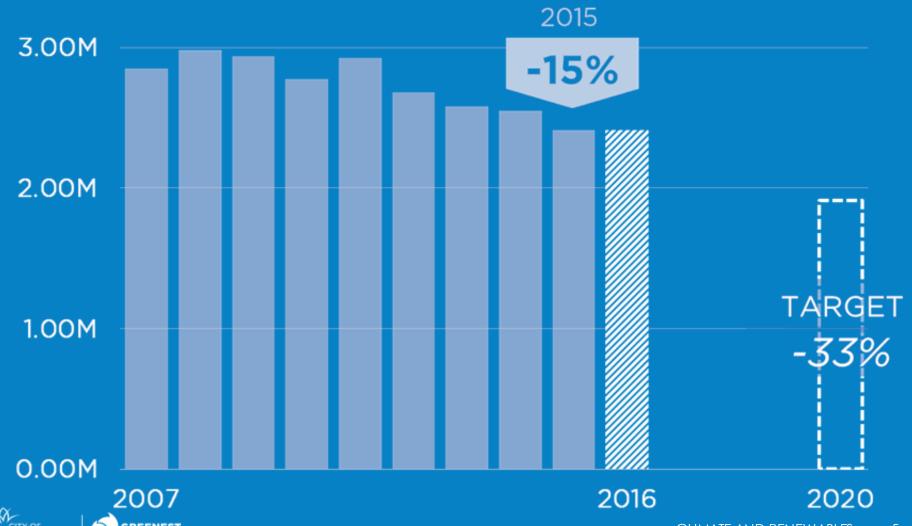
Green Buildings

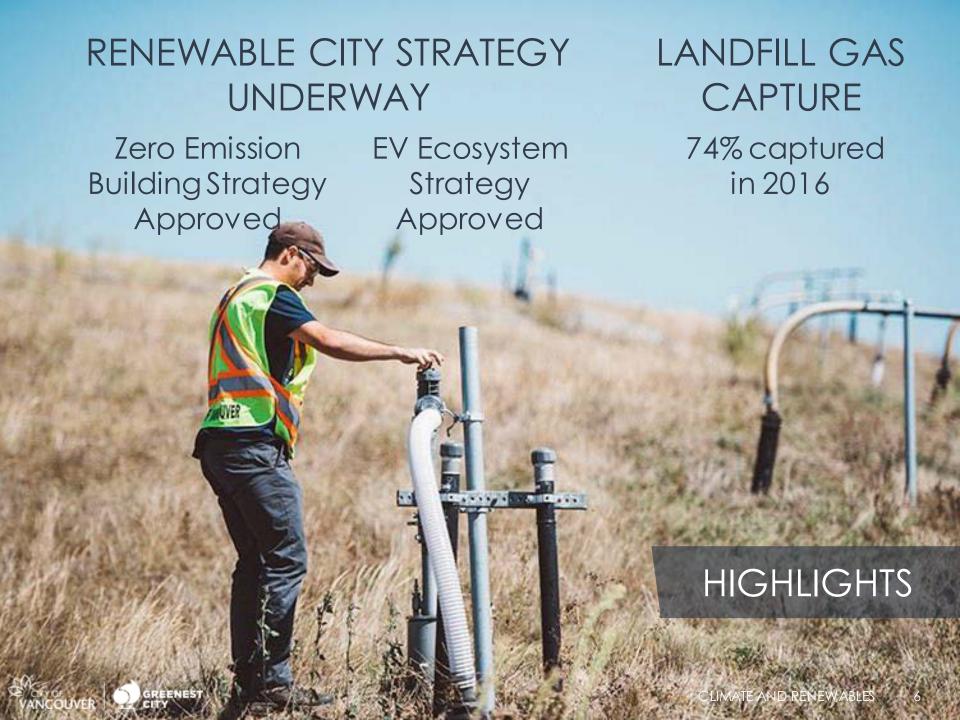
Green Transportation





2016: no data available





WORLD STANDS
WITH PARIS
AGREEMENT

Vancouver will do its part

FULL UPDATE COMING IN SEPTEMBER

recommended interim targets and implementation plan

RCS ECONOMIC MODELLING

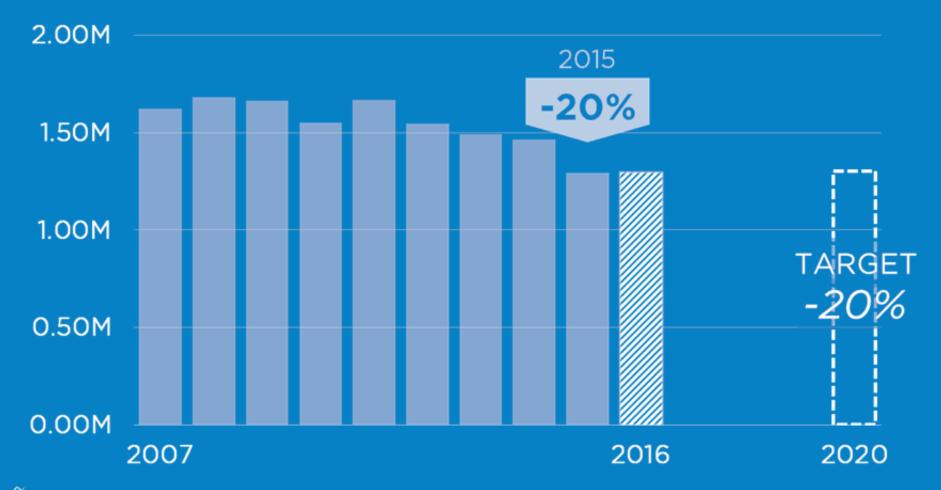
updated analysis shows significant cost savings





Community building GHG emissions

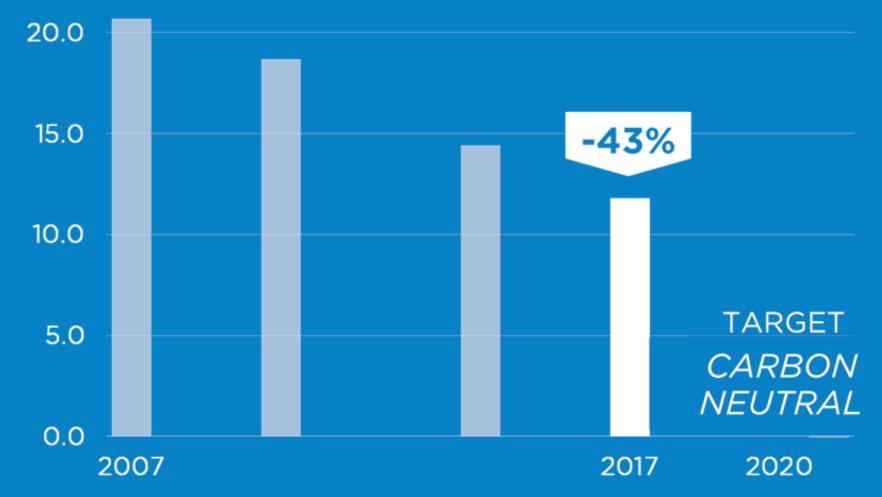
2016: no data available





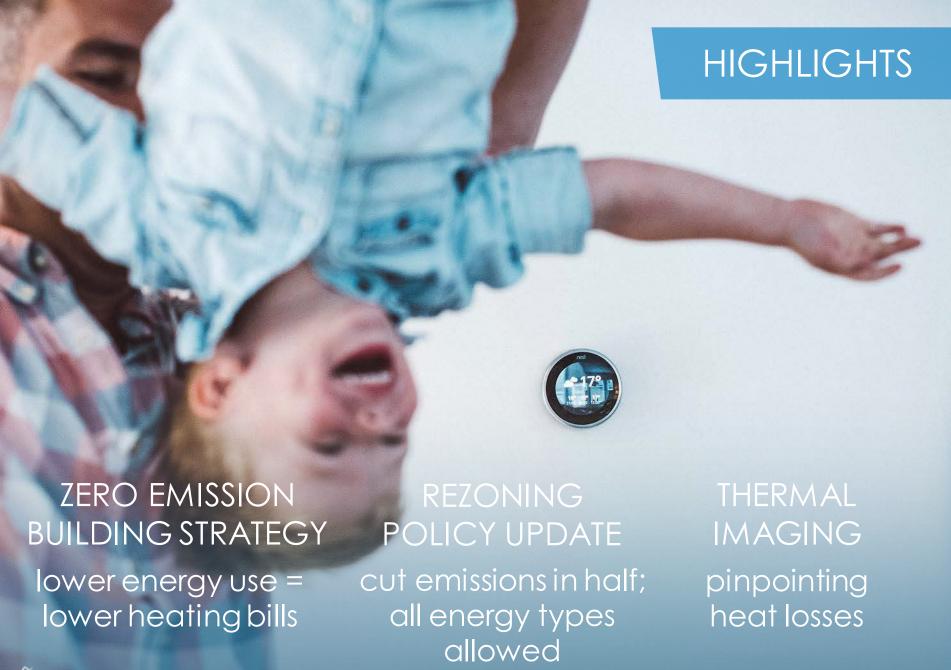
Carbon intensity of buildings: GHG emissions of newly built floor area

2017: 11.8 kgCO₂e/m²







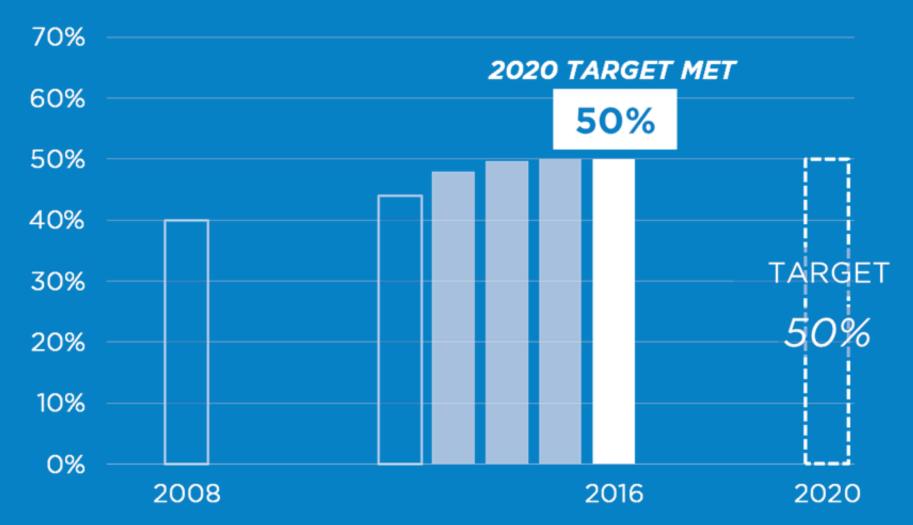






% mode share by walk, bike, and transit

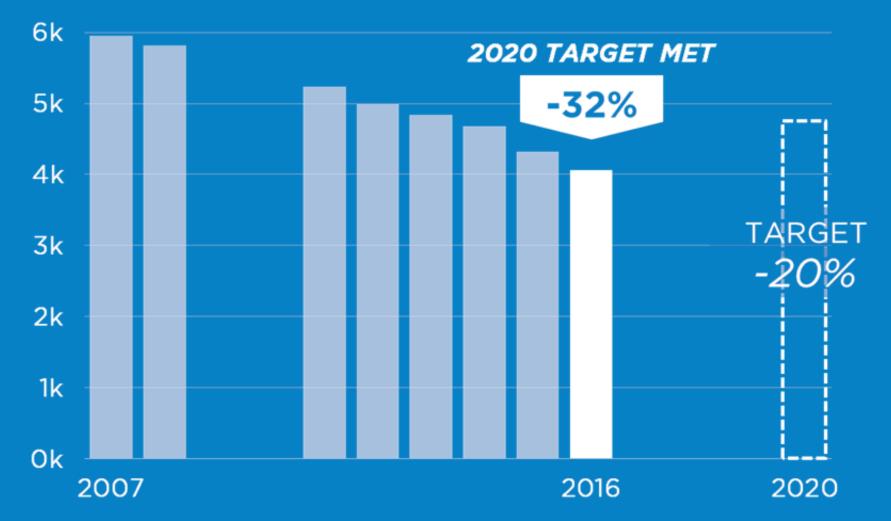
2016: 50%





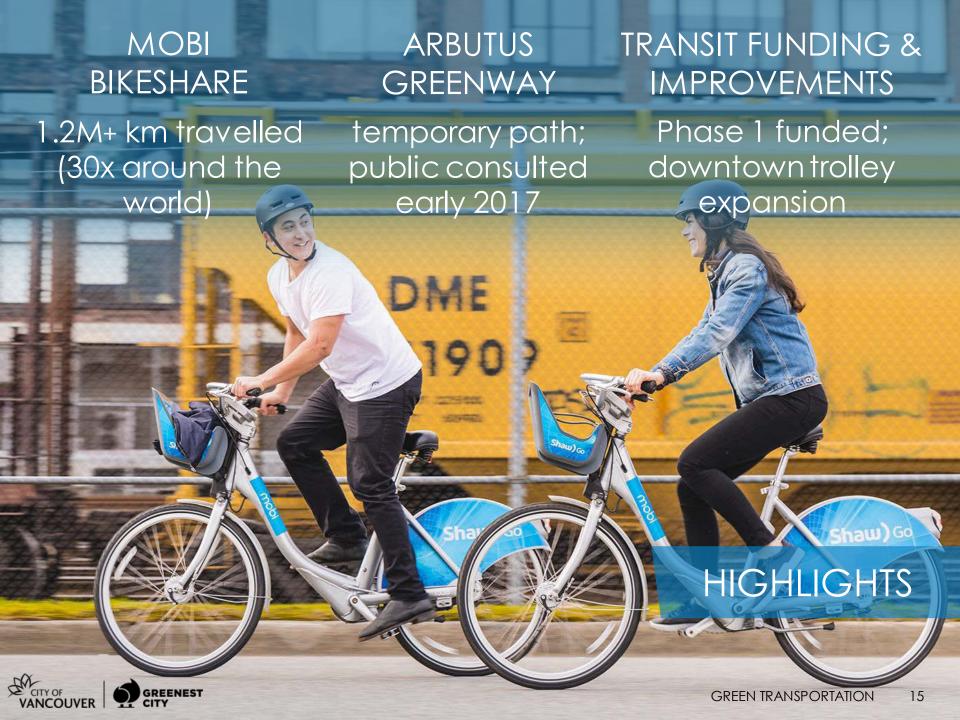
Annual vehicle kilometres driven per person (VKT)

2016: 4,060 km











Solid waste disposed to landfill and incinerator

2015: 351,000 tonnes









ACCESS TO NATURE

GOAL

Vancouver residents enjoy incomparable access to green spaces

2020 TARGETS

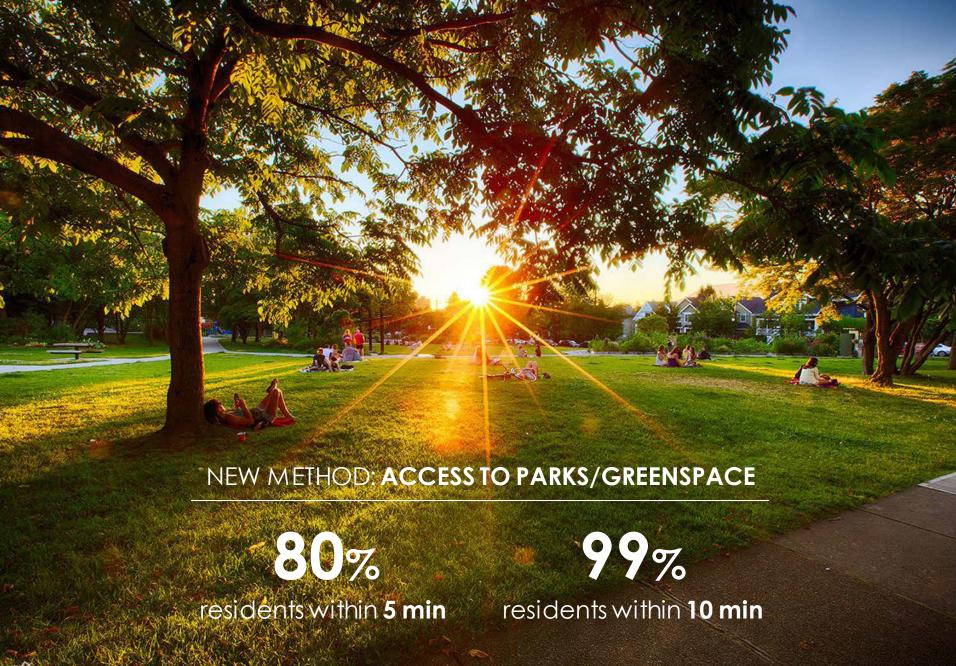
Ensure every person lives within a five-minute walk of a park, greenway or other natural space

Plant 150,000 additional trees

Restore/enhance 25ha of natural areas

Increase canopy cover to 22% by 2050









2016: 82,000 trees

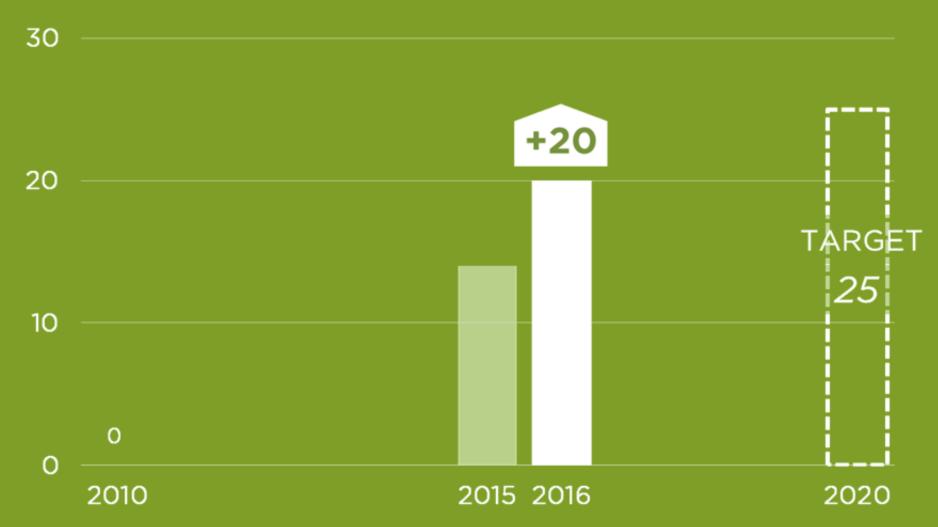






Hectares of natural area restored or enhanced

2016: 20 hectares











CLEAN WATER

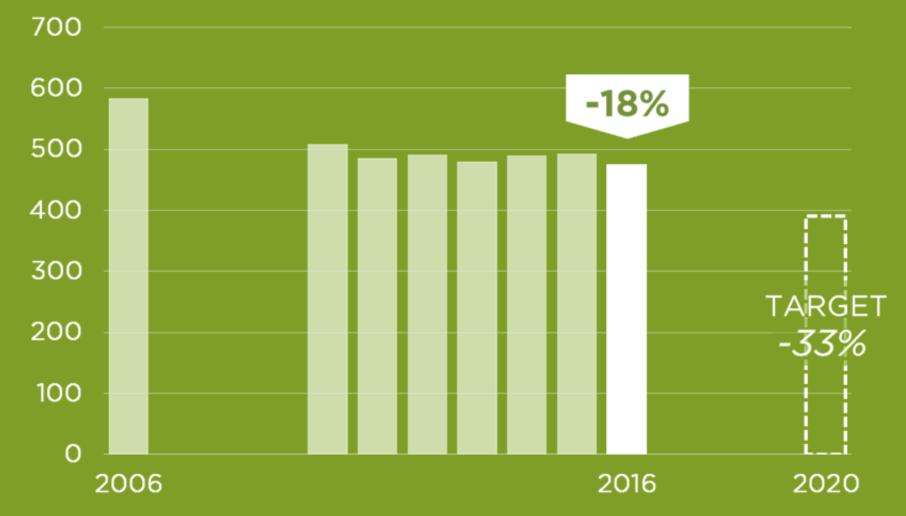
Vancouver will have the best drinking water of any city in the world

2020 TARGETS

Meet or beat the strongest of BC, Canadian and international drinking water quality standards and guidelines

Reduce per capita water consumption by 33% over 2006 levels

2016: 476 L/person/year



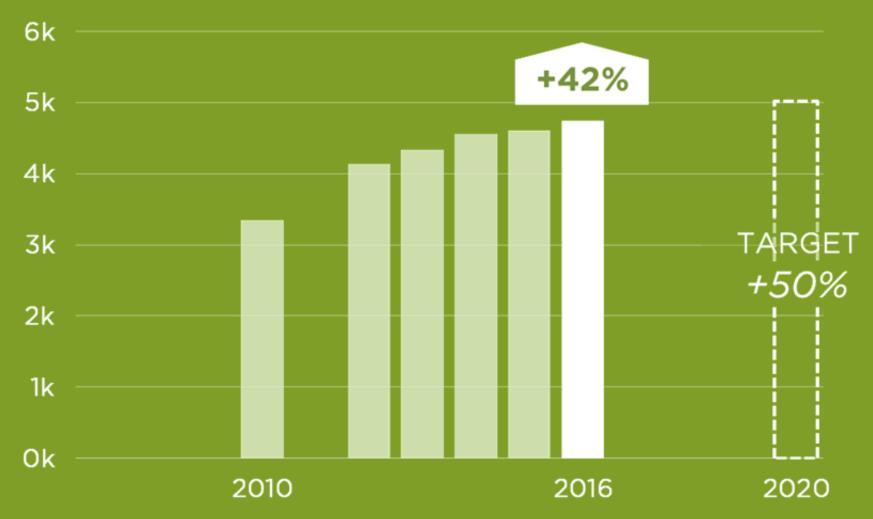








2016: 4,740 food assets







HIGHLIGHTS



using assets to their

fullest potential





small grants for

repairs and tools

taking produce

to the people



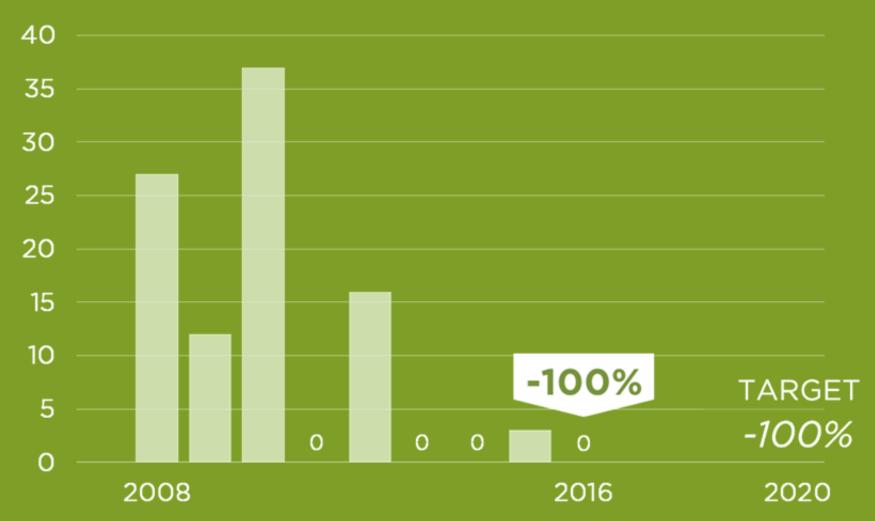
CLEAN AIR

GOAL Breathe the cleanest air of any major city metwork services and in the world

2020 TARGET

Meet or beat the most stringent air quality guidelines from Metro Vancouver, British Columbia, Canada, and the World Health Organization

2016: O instances













GREEN ECONOMY

GOAL

Secure Vancouver's reputation as a mecca of green enterprise

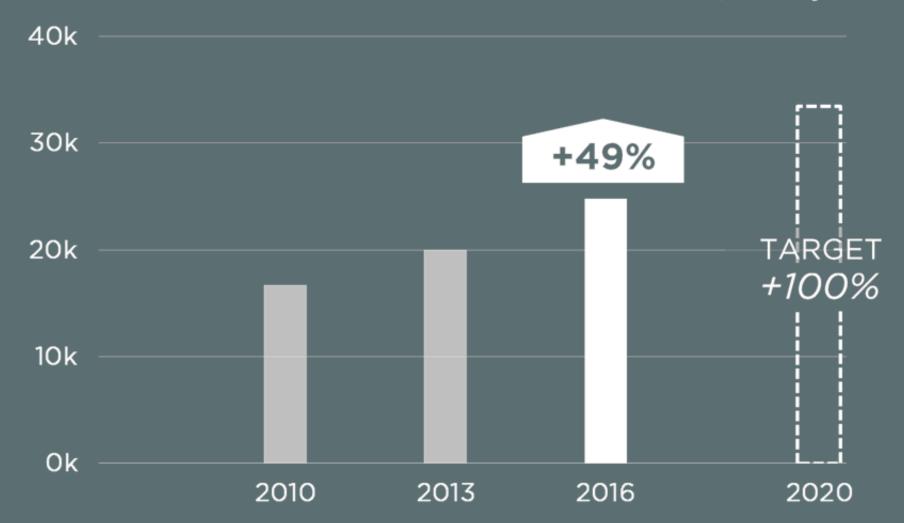
2020 TARGETS

Double the number of green jobs over 2010 levels by 2020

Double the number of companies that are actively engaged in greening their operations over 2011 levels by 2020

Green and local food jobs

2016: 24,800 jobs







25,000 GREEN AND LOCAL FOOD JOBS

green buildings, local food, materials management

FLATS CLIMATE ACTION PLAN

businesses armed with innovative approaches

GREEN & DIGITAL DEMONSTRATION

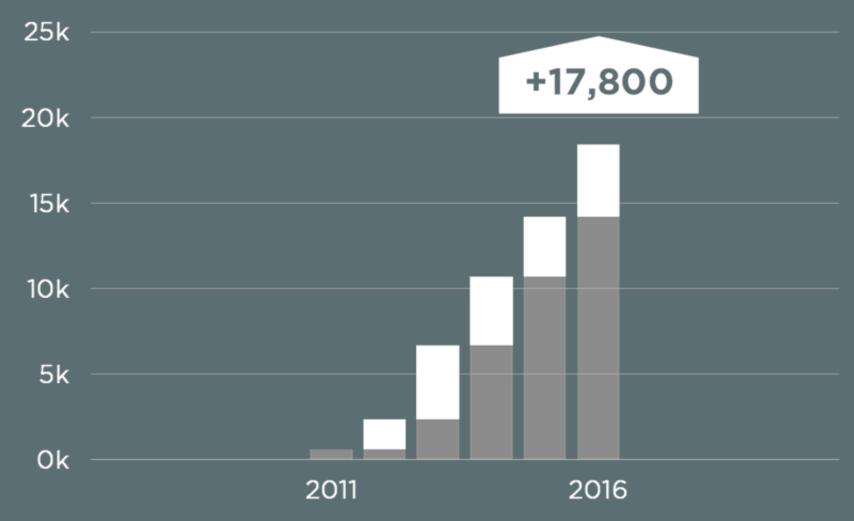
Bokoeco and LoopShare early successes





People empowered to support Greenest City

2016: 18,400 people









GREEN OPERATIONS

2020 TARGETS

50% reduction in GHGs from City operations from 2007 levels

70% waste diversion in public-facing City facilities; 90% in all other City-owned facilities

Reduce water use in City operations by 33% from 2006 levels

HIGHLIGHTS

GREEN
OPERATIONS
PROGRESS



65%

91%

publicfacing

other City-owned

waste diversion

RENEWABLE ENERGY FOR CITY BUILDINGS

Fire Hall # 17 to Passive House standard PARKS BOARD WATER USE

four projects cut **total** Parks water use by 31% WASTE FLEET CONVERSION

GHGs down 20%





GREENEST CITY CHALLENGES

CONTINUED GHG REDUCTIONS

impact of changes can be long-term

WATER USAGE

tackling through the Clean Water Work Program COMMUNICATING WITH PUBLIC

improving engagement and partnerships

GREENEST CITY SUCCESSES

2020 targets achieved

50%

-32%

-43%

-27%

+42%

+49%

mode share vehicle km driven per capita new building GHGs waste to landfill and incinerator

food assets green jobs

Vancouver Food Strategy

Milan Pact Award

Most Sustainable City in North America

Arcadis Sustainable Cities

First in North America
Economist Global Livability Index

First in North America
Mercer Quality of Life Survey





