



Greenest City 2020 Action Plan

July 12 2011

Agenda



1. Council Report Overview
2. Project Summary
3. Highlights from the Greenest City 2020 Action Plan



Project Overview: Summary



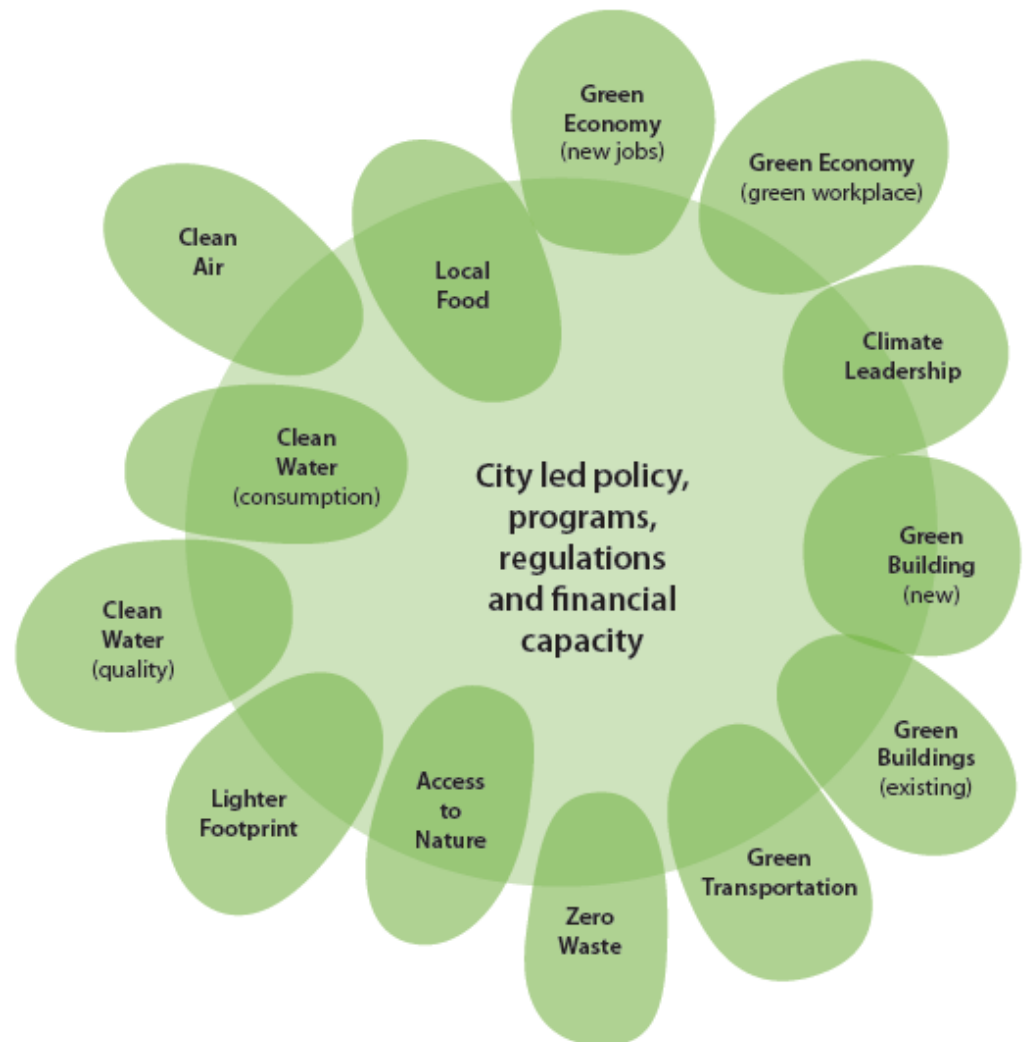
- Vancouver continues to show our local and global leadership as a city committed to creating a bright green future for our citizens.
- GCAP is a Council priority, as well as a Corporate Business Plan priority (6B).
- GCAP builds on the 75+ actions underway and recommends that resources are focused on highest priority actions for next three years.



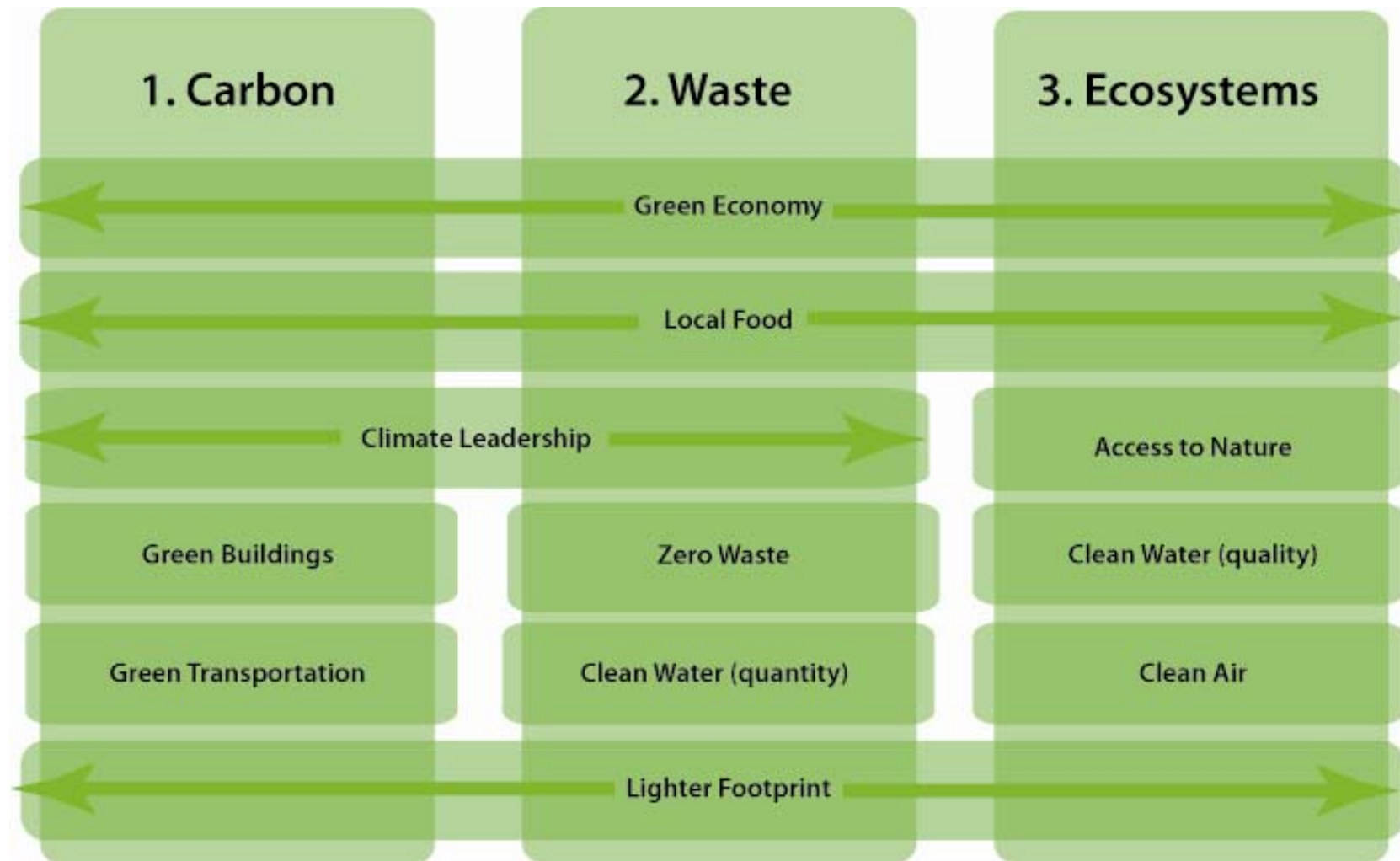
Project Overview: jurisdiction



City jurisdiction over GCAP implementation



Project Overview: focus areas



Council Report



- Council report includes:
 - Recommend adoption of the GCAP
 - Recommend adoption of one additional GC target (greening workplaces)
 - Achievements made to date
 - Highlights from each GCAP including priority actions
 - Summary of public engagement results



Project Overview: Detail



- Staff have prepared an action plan for each of the 10 GC goals. Each action plan outlines:
 - Background information: context, baseline, challenges
 - Strategies; highest priority, short-, and medium-term actions
 - Cross reference
 - External Advisory Committee and Working Group membership
 - Public engagement summary report
 - Baseline methodology



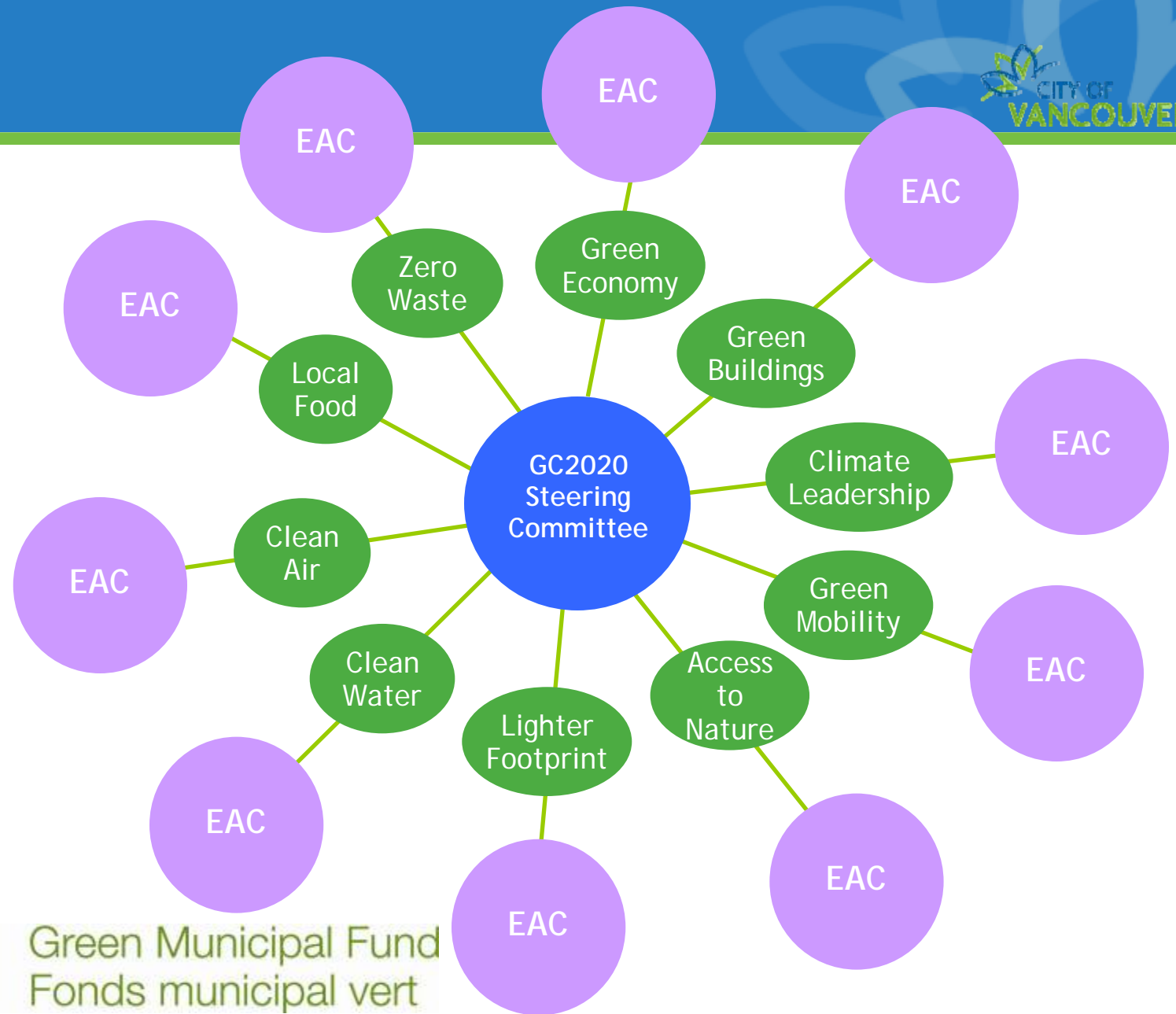
Project Overview: Detail continued...



- GCAP is a map of potential paths for achieving GC targets
- Need to use City resources to achieve economic, social, and Greenest City objectives together
- Implementation coordinated by realigned Sustainability Group
- Corporate Communications to continue GC engagement with subset of existing team
- Individual departments + VEDC are responsible for implementation



CoV Departments and Funder



External Advisory Committee Members



SIMON FRASER UNIVERSITY
THINKING OF THE WORLD



HEART & STROKE
FOUNDATION
OF BC & YUKON



THE UNIVERSITY
BRITISH
COLUMBIA



3C Housing

VANCOUVER
PUBLIC
SPACE
NETWORK



David
Suzuki
Foundation



Canada Green Building Council



POLIS Project on Ecological Governance

research • policy • education • action

Community Partners



Urban Development Institute South Van Service Providers Network Vancouver Board of
 Trade Sustainable Vancouver Meet UP UBC Political Science class UBC School of Community
 and Regional Planning Prince of Wales Secondary Council of Councils
 CoV Bicycle Advisory Committee The Accountability Project UBC "Project Seahorse" CoV
 Multicultural Advisory Committee Engineering Dept staff SFU City Program
 Greenest City Camp 101 webinar Vancouver District Labour Council
 Stratford Hall Grade 5 class World Community Film Festival CoV Staff Webinar Greenest City 101
 webinar BC Sustainable Energy Association Recycling Council of BC
 John Oliver Secondary Strathcona Business Improvement Association
 Cultural Community Round Table Community Economic Development conference
 Chinese Community Round Table Green Drinks SCARP panel "greenest city's other colours" South
 Vancouver Neighbourhood House Vancouver Design Nerds Trout Lake Cedar
 Cottage Food Security Network UBC MBA students workshop Day for Night Film Screening
 The Waldorf Hotel Vancouver is Awesome Zero Waste Vancouver External
 Advisory Committees Christine's in-house workshop SFU Semester in Dialogue
 One Earth initiative Carbon Talks David Suzuki Foundation
 Vancouver Public Spaces Network Frog Hollow Neighbourhood House
 CoV National Work yard drop in event Science World Grandview Woodland
 Food Security Network Village Vancouver S.U.C.C.E.S.S. Rangi Changi Roots
 AI Fresco Cause+Effect Frog Hollow Neighbourhood House Vancouver Coastal Health GreenTeam
 Leaders GreenClub Downtown Eastside Kitchen Tables Project Mount Pleasant
 Neighbourhood House Environmental Youth Alliance

PUBLIC ENGAGEMENT RESULTS



35,000+ participated

9,500+ with high level of engagement

Phase 1+2 Public Engagement Activities	Metric
Number of unique ideas from P1 on-line forum	726
Number of registered users from P1 and P2 on-line forums	3,414
Number of visitors to websites	35,979
Number of cities visiting website	1,600+
Number of people on our mailing list	2,271
Total video views	21,368
Twitter followers	3,890
Facebook fans	2,298
In person outreach at events	6,045
Direct mail (letters to community organisations)	1,200

GREEN ECONOMY:

Targets: green jobs and greening workplaces



Highest Priority Actions (3yr):

1. Research, technology hub, incubator and trade mission program for each cluster;
2. Green pre-procurement program;
3. Establish Green Enterprise Zone;
4. Deliver business engagement program.

Implementation led by VEDC in collaboration with other City directors.

NEW GREEN JOBS: Deconstruction Pilot



CLIMATE LEADERSHIP:

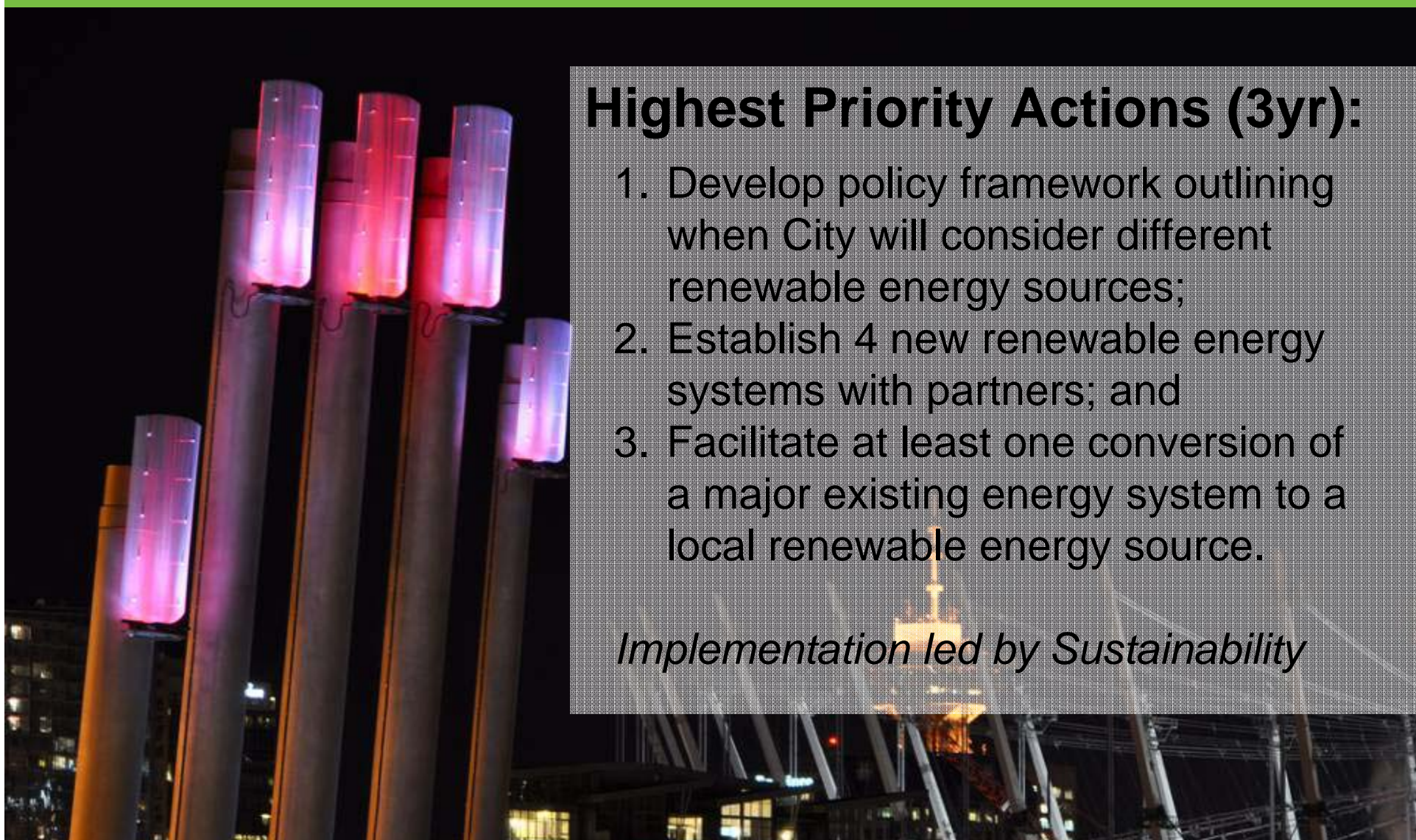
Target: reduce greenhouse gas emissions



Highest Priority Actions (3yr):

1. Develop policy framework outlining when City will consider different renewable energy sources;
2. Establish 4 new renewable energy systems with partners; and
3. Facilitate at least one conversion of a major existing energy system to a local renewable energy source.

Implementation led by Sustainability



REDUCING GREENHOUSE GASES: Energy Efficiency in City Facilities



GREEN BUILDINGS:

Targets: GHG reductions in new and existing buildings

VANCOUVER

Highest Priority Actions (3yr):

1. Continue to green the Vancouver Building Bylaw;
2. Develop and promote financing tools for retrofits;
3. Use price signals in permit fees to reward energy efficiency and greenhouse gas reductions.

Implementation led by Sustainability and the Chief Building Official

ENERGY EFFICIENCY IN EXISTING BUILDINGS: Home Weatherization Social Enterprise



GREEN TRANSPORTATION:

Targets: increase w/b/t mode share and reduce vehicle trips



Highest Priority Actions (3yr):

1. Work with partners to implement rapid transit infrastructure on the Broadway corridor;
2. Develop land use policies that enable mobility targets;
3. Develop Transportation Plan and Active Transportation Plan;
4. Develop a pedestrian safety study and action plan;
5. Pursue a public bike share program.

Implementation led by Transportation and Planning

GREEN TRANSPORTATION: Canada Line and Olympic legacy



ZERO WASTE:

Target: reduce solid waste going to landfill or incinerator



Highest Priority Actions (3yr):

1. Collect all compostables from single family homes, and pilot compost collection for multi-family and commercial properties;
2. Work with the Province to expand take back (EPR) programs;
3. Develop zero waste education and enforcement strategies for all sectors;
4. Develop a policy and incentives to encourage deconstruction projects.

Implementation led by Waste Reduction and Recovery Management division



ACCESS TO NATURE:

Targets: 5 minute walk to nature and plant trees



Highest Priority Actions (3yr):

1. Convert street rights-of-way into 4-6 mini-parks;
2. Identify land and collaborate to build new parks in priority neighbourhoods;
3. Plant 15,000 new trees on City and other public property;
4. Green Hastings Park.

Implementation led by Parks and the Streets division

LIGHTER FOOTPRINT:

Target: reduce ecological footprint



Highest Priority Actions (3yr):

1. Green neighbourhood pilot;
2. Greenest City grants;
3. Open Greenest City data

Implementation led by multiple City departments and community partners



CLEAN WATER:

Targets: improve quality and reduce consumption



Highest Priority Actions (3yr):

1. Eliminate combined sewer overflows at Crowe and Burrard and develop integrated stormwater management plan;
2. Continue to expand public access to drinking water;
3. Require water metering on all new 1 & 2 family home services starting 2012;
4. Develop and commence enhanced water education, incentive and conservation programs.

Implementation led by Water and Sewers

CLEAN AIR:

Target: meet or beat international air quality standards

VANCOUVER

Highest Priority Actions (3yr):

1. Encourage electric vehicle transport;
2. Regulate uncontrolled wood burning appliances for residential buildings;
3. Establish a framework for new air quality planning at the City;
4. Collaborate with the Port, BC Hydro and Metro Vancouver on joint air quality issues.

Implementation led by Sustainability

LOCAL FOOD:

Target: increase food assets across the city



Highest Priority Actions (3yr):

1. Support urban agriculture by creating: ~15 new community gardens, ~3 new urban farm, 2 new farmers markets, planting fruit trees and 3 neighbourhood food networks; food hub;
2. Provide local food in City facilities;
3. Develop a Vancouver Food Strategy.

Implementation led by Social Policy



GROWING FOOD ASSETS IN THE CITY: Save on Meats



Photos: Scout Magazine



CONCLUSION



- Attract new green enterprises and build a green economy
- Build healthy, vibrant and connected communities across the city
- Create novel, cost-effective, creative solutions to greenest city challenges
- Inspire and support “greenest cities” globally