

Old Growth Trail, Coquitlam Watershed



Board Strategic Plan

2015 to 2018



metrovancouver

SERVICES AND SOLUTIONS FOR A LIVABLE REGION

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MESSAGE FROM THE CHAIR

Services and solutions for a livable region – not just a tagline. It’s both a signal of what our citizens expect from us, and a high-level expression of the Metro Vancouver Board’s commitment to this region, in particular what we hope to achieve in this current four-year mandate.

We will continue to build from our strengths – efficient core services, and collaborative decision making with a regional perspective – to achieve our vision of a livable, prosperous and sustainable region.

These strengths are critical, and are the foundation for effectively addressing the serious challenges before us. These include continued pressure from population growth, affordability of housing and transportation, the need to both reduce emissions of greenhouse gases and prepare for the changes from a warming climate, and uncertainties as to how to fund necessary investments in major infrastructure.

With our strengths and challenges in mind, we will continue to explore opportunities to do more with our existing investments in infrastructure, such as recovering energy at our wastewater treatment plants and continuing to improve efficiencies in all operations. We will promote resource and energy conservation and, particularly important with our changing climate, we will strengthen our focus on conserving our precious drinking water. We will also continue our significant regional and national efforts around waste prevention and reduction. And building stronger relationships with other levels of government will be needed to ensure equity in the allocation of costs and address the affordability challenges in the region.

As the Chair of the Metro Vancouver Board, and on behalf of all Board members, I cannot state strongly enough the value we place in our region, and the pride we take in being able to shape it. We are excited by the opportunities that lie ahead and believe that with our shared vision, our commitment to collaboration and an openness to innovation, we can successfully tackle the challenges together.

Greg Moore
Chair, Board of Directors



METRO VANCOUVER BOARD OF DIRECTORS

Mayor John McEwen
Village of Anmore

Mayor Ralph Drew
Village of Belcarra

Councillor Maureen Nicholson
Bowen Island Municipality

Mayor Derek Corrigan
City of Burnaby

Councillor Sav Dhaliwal
City of Burnaby

Councillor Colleen Jordan
City of Burnaby

Mayor Richard Stewart
City of Coquitlam

Councillor Craig Hodge
City of Coquitlam

Mayor Lois Jackson
Corporation of Delta

Director Maria Harris
Electoral Area A

Councillor Rudy Storteboom
City of Langley

Councillor Bob Long
Township of Langley

Councillor Charlie Fox
Township of Langley

Mayor Karl Buhr
Village of Lions Bay

Mayor Nicole Read
District of Maple Ridge

Mayor Jonathan Coté
City of New Westminster

Mayor Darrell Mussatto
City of North Vancouver

Mayor Richard Walton
District of North Vancouver

Mayor John Becker
City of Pitt Meadows

Mayor Greg Moore
City of Port Coquitlam

Mayor Mike Clay
City of Port Moody

Mayor Malcolm Brodie
City of Richmond

Councillor Harold Steves
City of Richmond

Mayor Linda Hepner
City of Surrey

Councillor Bruce Hayne
City of Surrey

Councillor Mary Martin
City of Surrey

Councillor Barbara Steele
City of Surrey

Councillor Judy Villeneuve
City of Surrey

Chief Bryce Williams
Tsawwassen First Nation

Mayor Gregor Robertson
City of Vancouver

Councillor Heather Deal
City of Vancouver

Councillor Kerry Jang
City of Vancouver

Councillor Raymond Louie
City of Vancouver

Councillor Geoff Meggs
City of Vancouver

Councillor Andrea Reimer
City of Vancouver

Councillor Tim Stevenson
City of Vancouver

Mayor Michael Smith
District of West Vancouver

Mayor Wayne Baldwin
City of White Rock



METRO VANCOUVER MEMBERS

Metro Vancouver comprises 23 members: 21 municipalities, one treaty First Nation and one electoral area.

- Village of Anmore
- Village of Belcarra
- Bowen Island Municipality
- City of Burnaby
- City of Coquitlam
- Corporation of Delta
- City of Langley
- Township of Langley
- Village of Lions Bay
- City of Maple Ridge
- City of New Westminster
- City of North Vancouver
- District of North Vancouver
- City of Pitt Meadows
- City of Port Coquitlam
- City of Port Moody
- City of Richmond
- City of Surrey
- Tsawwassen First Nation
- City of Vancouver
- District of West Vancouver
- City of White Rock
- Electoral Area A

In 2013, Metro Vancouver was home to 2.4 million people. The region is expected to continue to experience significant growth with a 40% increase in the number of people by 2040. Planning for this kind of growth while maintaining the quality of life residents expect, supporting long-term prosperity and maintaining natural and ecological qualities the region is known for present new opportunities as well as challenges. This is particularly true during a time when there are rapid, and sometimes dramatic, social, economic and environmental changes occurring globally and locally.

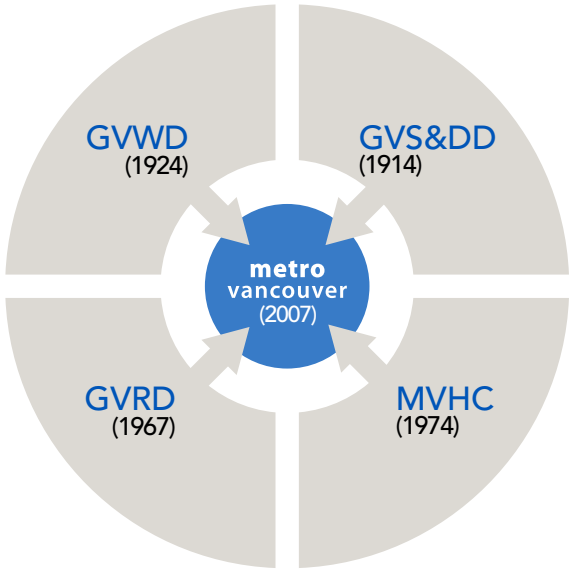


GOVERNANCE

Effective decision-making relies on good information and analysis which is facilitated through many channels. The Board of Directors is the governing body for each Metro Vancouver entity and is informed by discussions and recommendations of its ten standing Committees. Metro Vancouver staff prepare reports for Committees that are informed by research, data and analytical tools in addition to input from municipal staff, either directly or through advisory committees.

Metro Vancouver is a political body that represents residents of the region under four separate legal entities:

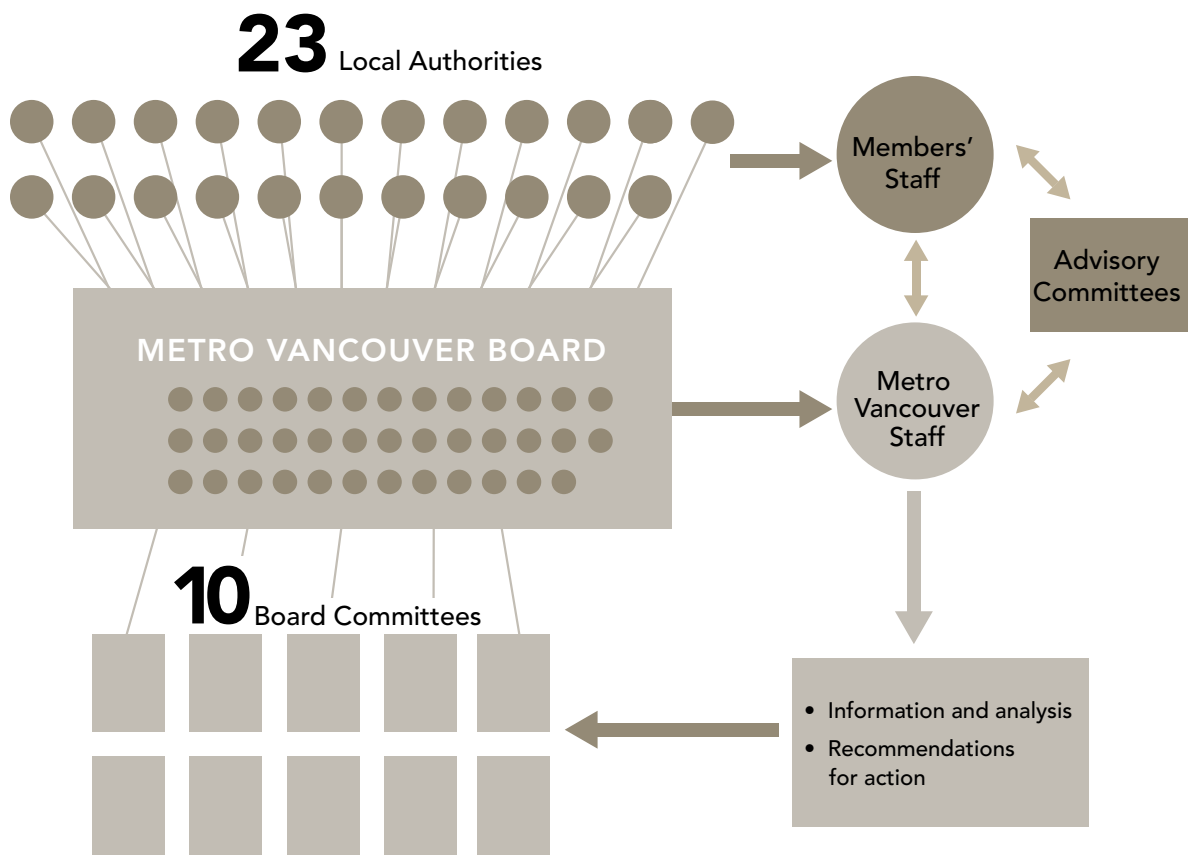
- Greater Vancouver Regional District (GVRD)
- Greater Vancouver Water District (GVWD)
- Greater Vancouver Sewerage & Drainage District (GVS&DD)
- Metro Vancouver Housing Corporation (MVHC)



The GVRD, GVWD, GVS&DD and MVHC are each governed by a separate Board of Directors composed of elected representatives from the respective members who have chosen to participate in the provision of the service. The number of directors for the GVRD, GVWD and GVS&DD Boards is determined by the number of members and their municipal populations.

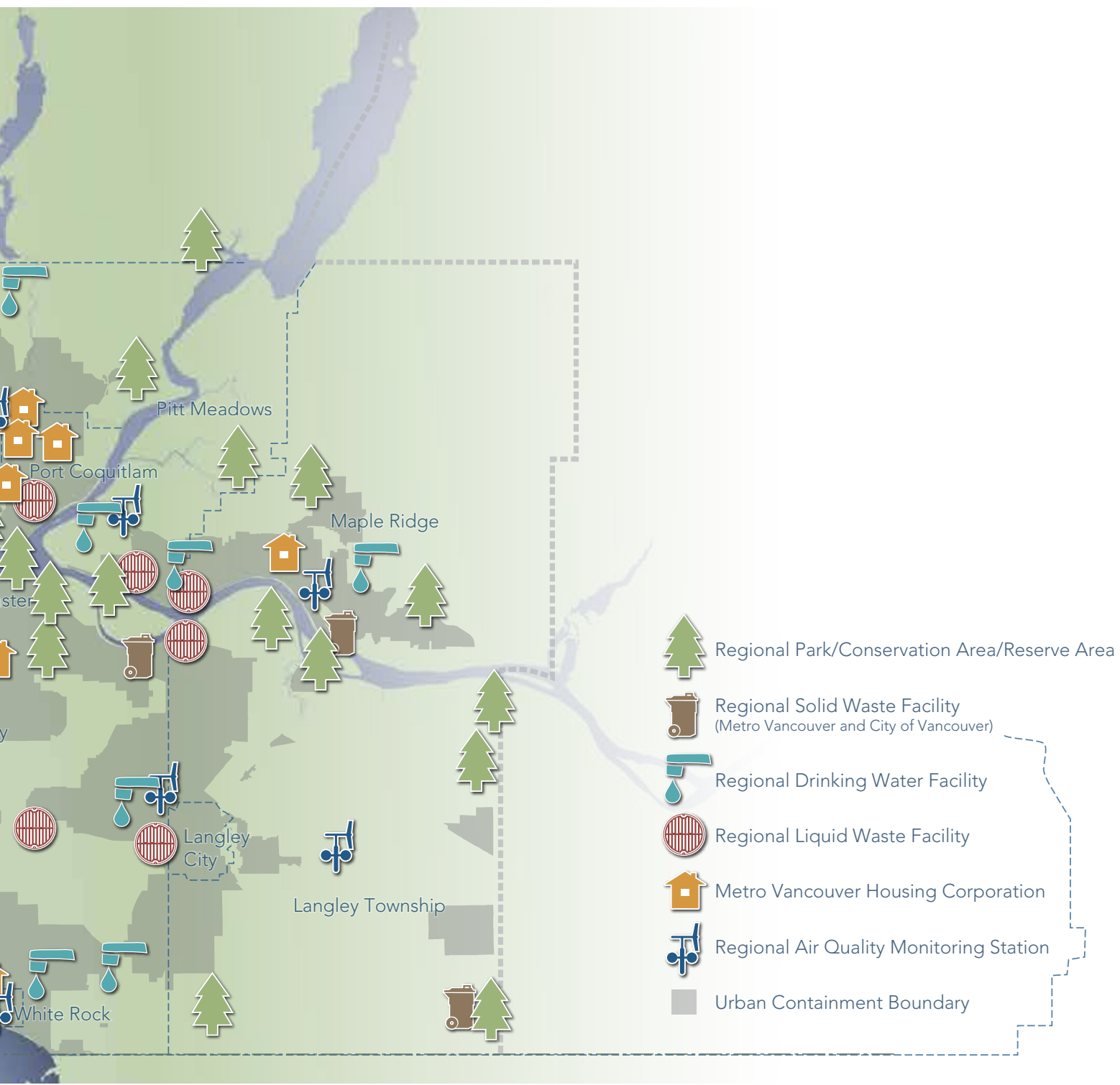
For example, the GVRD is composed of 23 members representing 21 municipalities, one treaty First Nation and one electoral area. It is governed by 38 directors. The City of Abbotsford (a member of the Fraser Valley Regional District) participates in the GVRD Regional Parks function and has two voting members in this service.

Leading all planning for the Metro Vancouver regional governing body, the Board has 38 directors. Ten Board Committees provide high-level guidance in focused areas. Metro Vancouver staff take Board direction as guidance in defining and implementing plans. In functional areas that impact each other, direct collaboration and advisory committees provide the communication needed between Metro Vancouver and municipal staff.



MAP OF METRO VANCOUVER FACILITIES AND SERVICES





MISSION & ROLES

In collaboration with our members, Metro Vancouver has three broad roles.

1 Deliver Core Services

Mission: Attain the highest possible levels of excellence in meeting our service delivery responsibilities.

What we do: Provide core utility services related to drinking water, sewerage and solid waste to members. Provide regional parks and affordable housing directly to residents.

2 Plan for the Future

Mission: Develop and use an integrated system of plans to manage all activities within Metro Vancouver's legislated scope of authority towards the achievement of a sustainable region.

What we do: Carry out planning and regulatory responsibilities related to the three utilities as well as air quality, regional growth and Regional Parks. At the Board level, develop and implement strategies related to issues of regional interest.

3 Act as Regional Forum

Mission: Build and facilitate collaborative processes, including those that engage citizens, to achieve a robust partnership working together for a sustainable region.

What we do: Serve as the main political forum for discussion of significant community issues at the regional level.



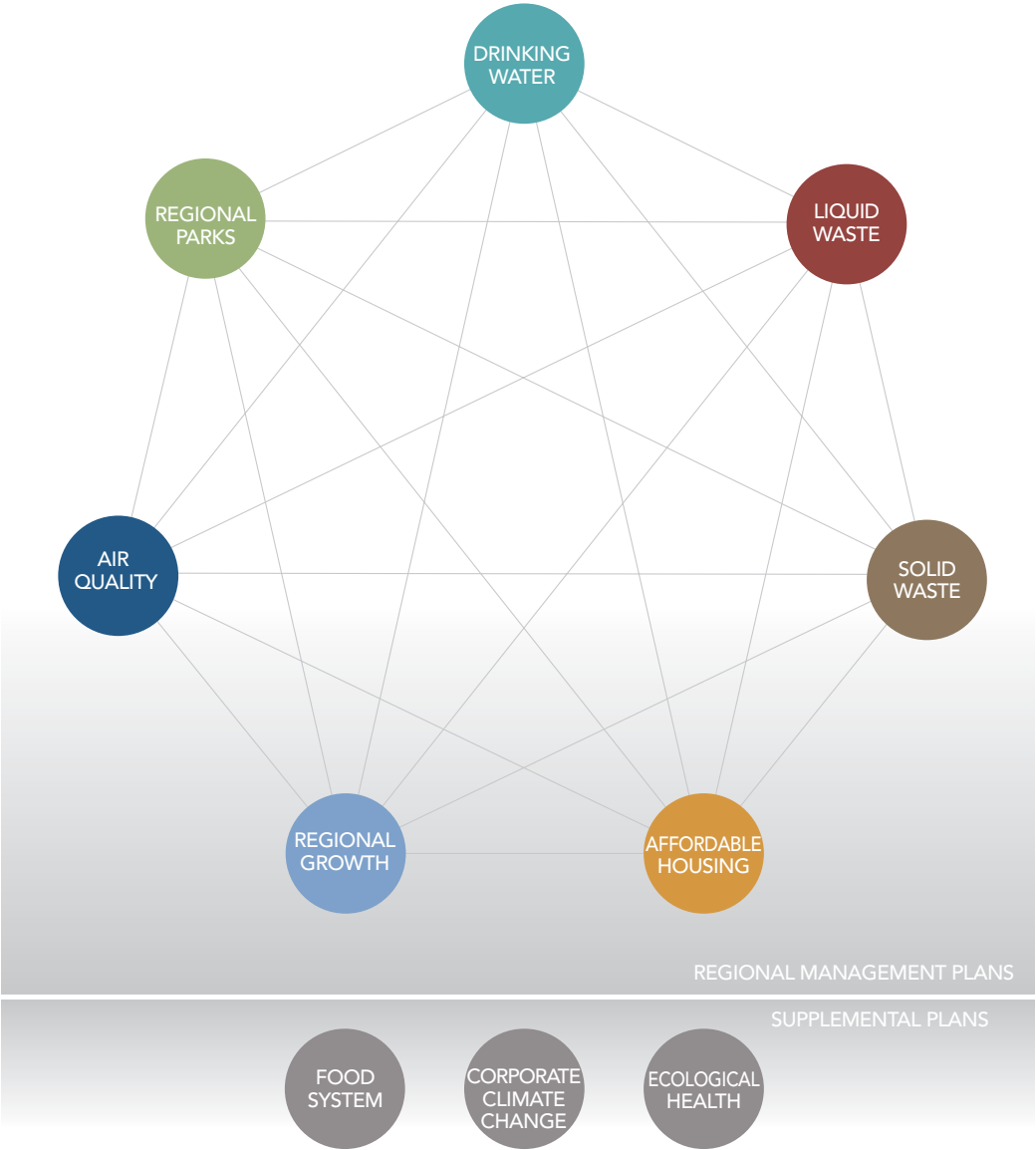
VISION

Metro Vancouver seeks to achieve what humanity aspires to on a global basis – the highest quality of life embracing cultural vitality, economic prosperity, social justice and compassion, all nurtured in and by a beautiful and healthy natural environment.



LONG-TERM PLANS

The Metro Vancouver Board has endorsed regional management plans for its seven areas of legislated responsibility. Supplementing these regional plans are three action plans that support the overall goals of the region.



Together these management plans represent an integrative and strategic approach to dealing with the most important issues related to the sustainability of our dynamic metropolitan region. Each plan contains a vision, or commitment statement, and long-term goals that provide direction for Metro Vancouver in its operations and services as well as actions relevant to members and stakeholders.

ABOUT THE BOARD STRATEGIC PLAN

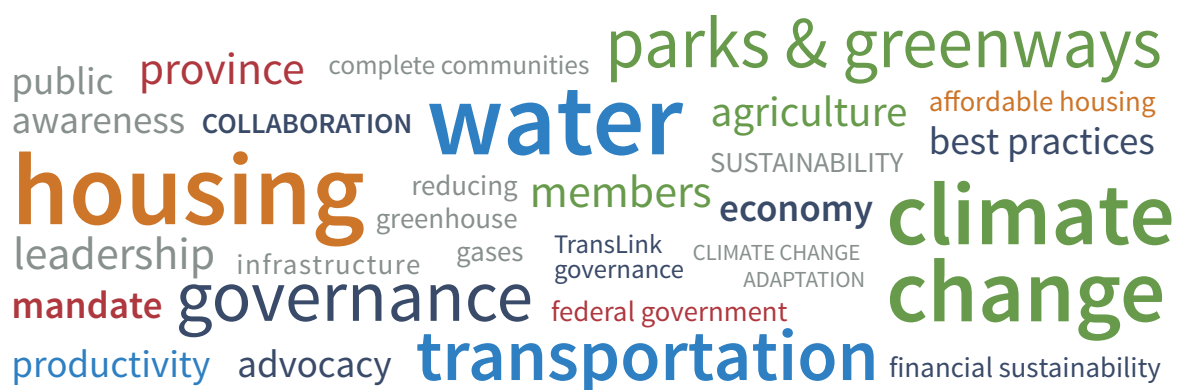
The 2015 to 2018 Board Strategic Plan identifies the Board’s key priorities for its four-year mandate. While the regional management plans provide long-term direction, the Board Strategic Plan identifies the Board’s priorities for the next four years.

The following pages provide strategic direction for eight functional areas within Metro Vancouver:

- Regional Federation
- Regional Planning
- Air Quality & Climate Action
- Regional Parks
- Housing
- Liquid Waste
- Water
- Solid Waste

The Board Strategic Plan is the outcome of a workshop involving Board members and senior staff held in April 2015. The evening began with a presentation on the concept of the “productive region” and its relationship to decisions made about investment in public infrastructure, urban planning and design and the importance of collaboration and working across jurisdictional boundaries. The presentation was followed by a visioning exercise that encouraged Board members to think about the elements that would comprise a sustainable Metro Vancouver in the future. Those ideas are captured on the Vision page.

The second day began with a collective SWOT (strengths, weaknesses, opportunities & threats) analysis to help frame the following discussions. The bulk of the workshop focused on an exchange of ideas and priority actions for each functional area within Metro Vancouver which informed the development of strategic directions for the Board’s mandate.



metro vancouver BOARD STRATEGY

APRIL 17-18, 2015
HARRISON HOT SPRINGS



THE PRODUCTIVE REGION

CREATED an URBAN ECONOMY in past 20 years



Compelling drive for regions to DIFFERENTIATE

- Rapid urban growth
- Growth rate on fringes 7 times greater than in developed regions



STRATEGY

LEVERAGING POWERS & ASSETS TO CREATE NEW MARKET SYSTEMS

CREATING "MARKET ECOSYSTEMS"

e.g. Brownfields redevelopment

* REGIONS VS. CITIES ARE IN THIS BUSINESS!

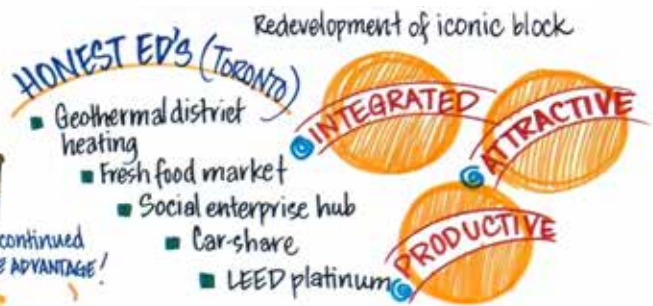


STRATEGIC DESIGN



Strategic Planning Workshop

Industrial
 Increasing importance
 National productivity
 Multi-factor productivity
 Dual growth of output
 accounted for by
 worth of input



Regional Productivity

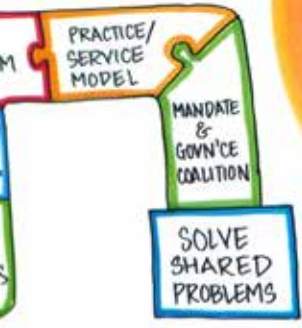
WHAT MAKES METRO VANCOUVER a CONTINUING **L.E.A.D.E.R.** in URBAN SUSTAINABILITY?

NET POSITIVE PRODUCTIVITY

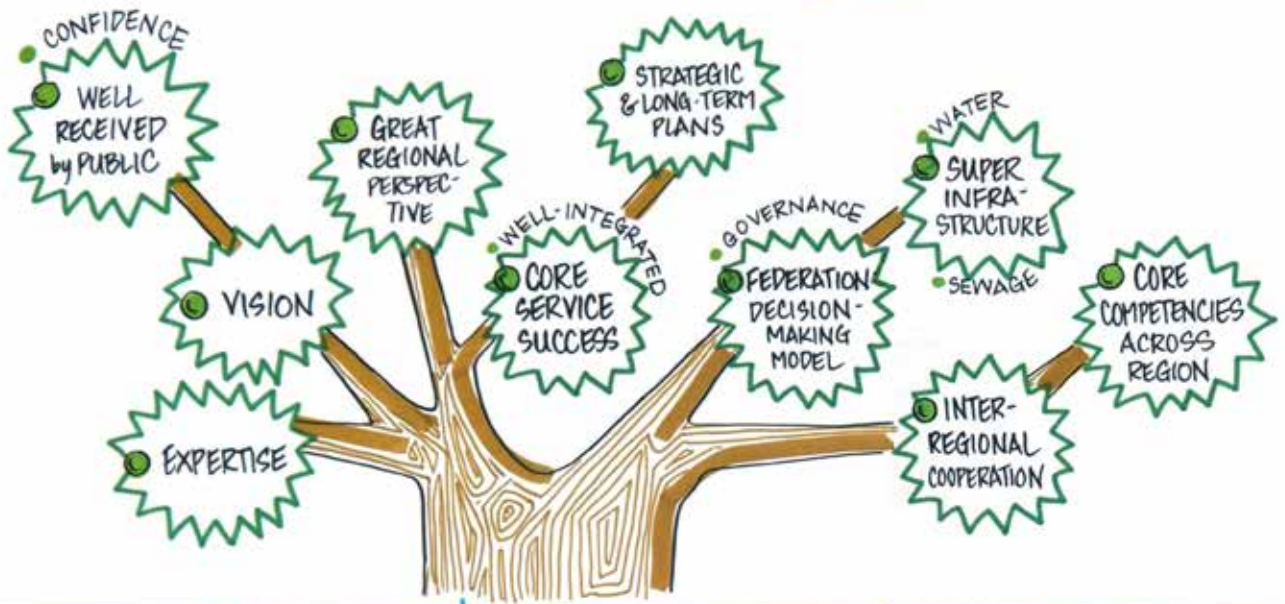
NET PRODUCTION of

- ▶ **RESOURCES:** Energy, food, etc.
- ▶ **SOCIAL OUTCOMES:** Health, knowledge, etc.
- ▶ **ORGANIZATIONS/INDUSTRIES**

TO GET DREAM
 DEVELOPMENT
 CONTROL
 + K-MGMT
 PROCESS



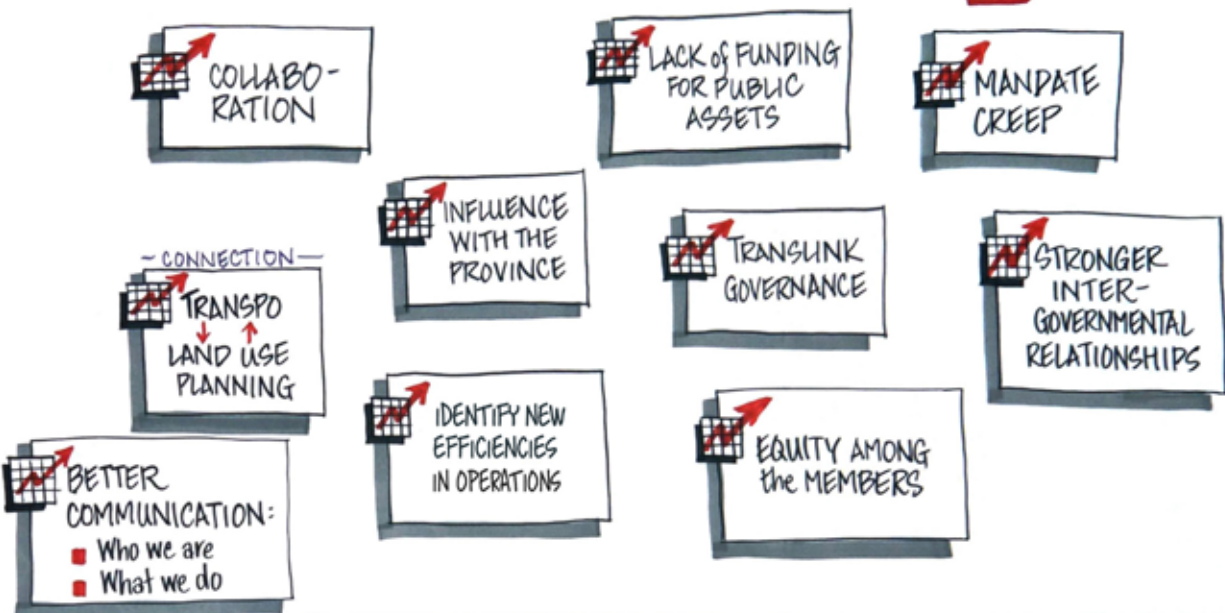
STRENGTHS



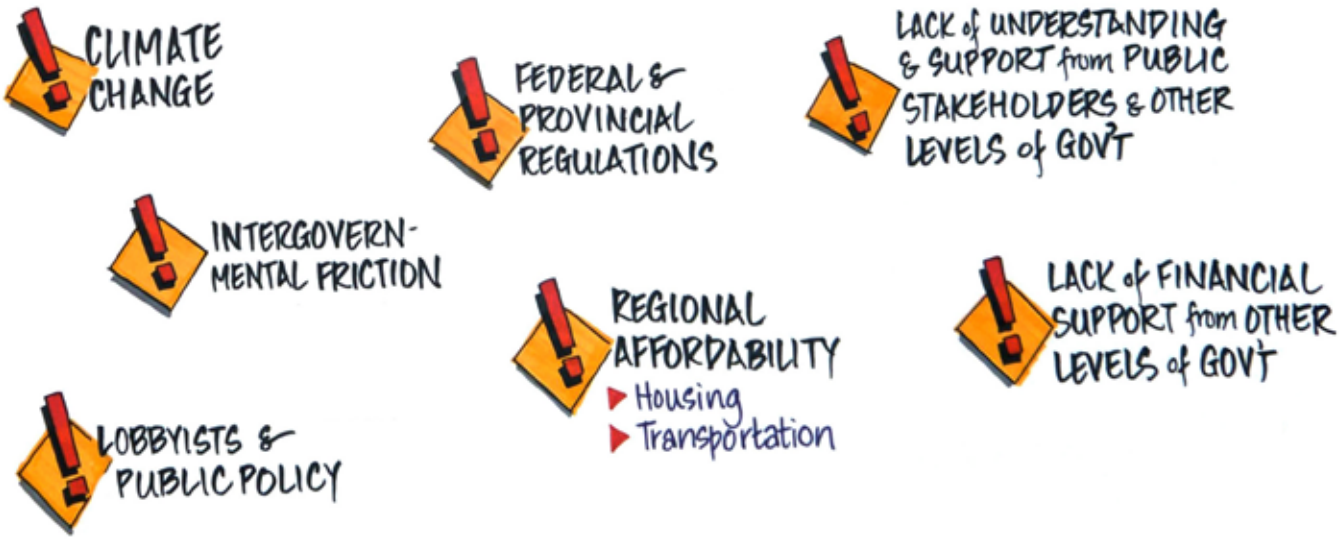
* OPPORTUNITIES *



AREAS ~~FOR~~ IMPROVEMENT



THREATS



REGIONAL FEDERATION

Regional Federation describes how Metro Vancouver derives its authority to act from its 23 members. To be an effective federation, Metro Vancouver must ensure there is a common understanding and support among its members for its goals and that as an organization it is accountable, well managed and fiscally responsible. As a federation of local government, strong communication among members and Metro Vancouver as well as between the federation and other stakeholders is essential.

Collaboration of members of what now constitutes Metro Vancouver precedes the creation of regional districts by the Province of British Columbia in 1965. Since 1886, the communities of Metro Vancouver have cooperated in the development and delivery of services essential to our growing region. Members deliver the services best provided at the local level while Metro Vancouver is a collaborative platform that allows members to work together in areas where there are economies of scale or value in speaking with a collective voice.

1 LIVABLE AND SUSTAINABLE REGION

Use livability and sustainability objectives to guide Metro Vancouver services and operations.

- 1.1 Incorporate strategies and actions into all Metro Vancouver functions to mitigate and adapt to climate change.
- 1.2 Improve the productivity of significant Metro Vancouver infrastructure by assessing the opportunities to achieving multiple regional objectives including the:
 - Recovery of resources and energy; and,
 - Transition to clean or renewable resources for energy.
- 1.3 Ensure that a triple bottom line analysis informs decisions on significant policies and projects.

2 EFFECTIVE FEDERATION

Strengthen the alignment of member and regional objectives.

- 2.1 Deliver services effectively and efficiently at the regional level.
- 2.2 Collaborate with members when communicating on issues that benefit from a collective voice.
- 2.3 Communicate with member councils and staff on the value of the regional federation.
- 2.4 Facilitate better working relationships with members through meetings of the Council of Councils, advisory committees and other venues that allow an exchange of information and ideas, as well as clarification of shared regional objectives.
 - Proactively engage members on Metro Vancouver issues.
- 2.5 Provide the tools and opportunities to share information, experiences and best practices among members including on-line resources, workshops and advisory committees.

3 PUBLIC EDUCATION

Increase Metro Vancouver's profile by leveraging events and news related to regional services.

- 3.1 Communicate the links between Metro Vancouver's services and the region's quality of life, including the collaboration that ensures the provision of clean, safe drinking water, liquid and solid waste management, compact metropolitan development, good air quality, and access to natural spaces.
- 3.2 Incorporate climate change messaging into public communications.
- 3.3 Continue to report on how Metro Vancouver measures success in creating a livable and sustainable region, and on progress towards meeting this vision.
- 3.4 Continue to expand the range of media, conventional and social, to communicate key messages and the value of Metro Vancouver services.

4 ENGAGEMENT

Enhance relationships between Metro Vancouver and other orders of government, First Nations and stakeholders.

- 4.1 Build more effective relationships with the provincial and federal governments by strengthening alignment between regional objectives and their objectives.
- 4.2 Pursue cost-sharing agreements for significant capital projects driven by new regulation or standards set by other orders of government.
- 4.3 Advance working relationships with First Nations on shared objectives.
- 4.4 Develop relationships and engage with the broad range of stakeholders involved in pursuing a livable and sustainable region, including businesses, academic institutions, non-governmental organizations and community groups.

5 REGIONAL TRANSPORTATION

Advocate the merits of integrating regional land use and transportation planning.

- 5.1 Communicate the significant value of an expanded and improved regional transportation network to personal mobility, efficient goods movement, reductions in greenhouse gas emissions, air quality and affordability in complete communities throughout the region.
- 5.2 Advocate for changes in TransLink governance that will ensure greater accountability and transparency.
- 5.3 Advocate for sustainable funding to expand and operate the regional transit system.

6 REGIONAL PROSPERITY

Clarify and strengthen Metro Vancouver's role in pursuing a collaborative approach to regional prosperity.

- 6.1 Engage members, the business community, post-secondary institutions, industry, labour, the non-profit sector, First Nations and others in exploring the concept of regional prosperity for the Metro Vancouver region.
- 6.2 Through dialogue with members and stakeholders, evaluate the need for a multi-sector, collaborative regional prosperity initiative and identify the most appropriate role for Metro Vancouver in such an initiative.

7 EMERGENCY PREPAREDNESS

Collaborate with stakeholders to prepare for major emergencies.

- 7.1 Support the effectiveness of Integrated Partnership for Regional Emergency Management in Metro Vancouver (IPREM).
 - Clarify Metro Vancouver's role in regional emergencies and ensure that adopted protocol is understood and followed.
- 7.2 Collaborate with other stakeholders in advocating for a proactive strategy in preventable major emergencies.

8 FISCAL RESPONSIBILITY

Use value for service to guide Metro Vancouver operations and service provision.

- 8.1 Develop fiscal policy using equity and affordability criteria.
- 8.2 Ensure that opportunities for increased efficiencies are evaluated and implemented.

REGIONAL PLANNING

1 METRO 2040

Continue to develop and implement effective and adaptive tools and processes for achieving the goals in *Metro 2040*.

- 1.1 Champion the purpose of *Metro 2040* and the value of the regional growth strategy.
 - Enhance member and stakeholder understanding of the amendment process through which proposed changes to *Metro 2040* are assessed by the Board.
 - Develop, with input from members, flexible and innovative approaches to implementing *Metro 2040* that align local planning aspirations and regional goals.
- 1.2 Enhance communications on the economic, social and environmental benefits associated with undertaking land use and growth management planning at a metropolitan scale.
 - Engage members, including elected officials and staff, in dialogue on the positive outcomes associated with the

implementation of *Metro 2040* to their own jurisdiction and the broader regional community.

- Reach out to other stakeholder groups, including the public and the development community, to discuss the purpose and value of *Metro 2040*.
- 1.3 Communicate the importance of an expanded regional transit system to the success of *Metro 2040*.
- 1.4 Prepare to update *Metro 2040*.
 - Based on experience gained from the implementation of *Metro 2040*, identify and evaluate possible changes in regional planning goals and strategies, the *Metro 2040* amendment process, the structure of the Regional Context Statements, and other elements of the regional growth strategy.



2 COMPLETE COMMUNITIES

Support the efforts of members in developing complete and livable communities.

- 2.1 Develop effective messaging that can be used to communicate the multiple benefits of complete communities including the efficient delivery of utilities and transit, and improvements in walkability and affordability.
- 2.2 Facilitate the exchange of expertise and best practices among members related to local planning and tools used for developing complete communities.
 - Identify best practices in integrating local economic development and planning that can create jobs and new business opportunities as well as a sense of place.
- 2.3 Communicate to the public and other orders of government the critical role that transit plays in creating complete communities by improving mobility, reducing the cost burden of housing and transportation, and reducing regional greenhouse gas emissions.

3 RESILIENCE

Coordinate the development of effective collaborative approaches to ensure that the region can adapt to changing conditions.

- 3.1 Work with members and other stakeholders to develop, coordinate and implement plans and measures that will mitigate climate change impacts on lands in the region.

4 PRODUCTIVE LANDS

Guide the development of policies, plans and tools that can lead to creative solutions for managing competing demands on land in the region.

- 4.1 Communicate the importance of agricultural, industrial and conservation lands to the region's prosperity, livability and sustainability.
- 4.2 Through policy research and the sharing of best practices, support the productive use of agricultural lands and access to those lands by farmers.
- 4.3 Work with members and other stakeholders to develop effective strategies to protect and optimize the use of existing industrial lands.
- 4.4 Enhance the ecological value of conservation lands through the development of a network of corridors and public and private green spaces.
- 4.5 Develop a framework for addressing competition for productive lands in Metro Vancouver based on a dialogue among stakeholders and an examination of best practices.

AIR QUALITY AND CLIMATE ACTION

1 CLIMATE CHANGE

Develop, adopt and implement a regional climate action strategy for reducing regional greenhouse gas emissions and adapting to climate change.

- 1.1 Ensure that the strategy provides a long-term vision, reflects a comprehensive analysis and provides the means for assessing progress.
- 1.2 The strategy should:
 - Be ambitious and demonstrate leadership;
 - Align with members' plans;
 - Set mid-term and long-term targets;
 - Integrate the corporate climate action plans of Metro Vancouver and members;
 - Incorporate a regional approach to climate change adaptation;
 - Provide for a transition to clean or renewable energy sources; and,
 - Identify the roles in implementing the strategy for Metro Vancouver, members, other orders of government, the private sector and the public.
- 1.3 Engage a range of stakeholders including members, businesses, non-governmental organizations, TransLink and the public in the development of the strategy.
 - Concurrent with the development of the strategy, continue efforts to encourage small and medium size businesses to make progress on increasing energy efficiency and reducing their carbon footprints.
- 1.4 Facilitate the sharing of best practices for reducing greenhouse gas emissions among members.

2 AIR QUALITY

Improve air quality by mitigating threats.

- 2.1 Identify the key threats to the region's air quality and their sources, and pursue appropriate means for reducing or eliminating identified threats.
 - Work with stakeholders who support improved regional air quality.
- 2.2 Defend against any efforts to reduce Metro Vancouver's jurisdiction to manage air quality and regulate air pollutants; pursue new regulatory authority as necessary to achieve regional objectives.

3 PUBLIC EDUCATION

Improve public understanding of the value of clean air and greenhouse gas reductions, and actions to achieve both.

- 3.1 Educate the public about Metro Vancouver's air quality monitoring and management activities.
- 3.2 Publicize tangible actions that individuals and businesses can take to reduce emissions of greenhouse gases and other air contaminants.
- 3.3 Publish materials, such as *Caring for the Air*, that present evidence-based findings about air quality in the region in language that is accessible to a broad audience.

REGIONAL PARKS

1 NATURAL AREAS

Protect important natural areas in the region.

- 1.1 Continue to develop policies, plans and initiatives that will protect, maintain and enhance the lands within the Regional Parks system.
- 1.2 Develop a formal regional parkland acquisition strategy that provides the criteria for evaluating how best to expand the Regional Parks system.

2 PUBLIC EDUCATION

Provide opportunities for the region's growing and diverse population to connect with, enjoy, be active within and learn about the natural environment.

- 2.1 Enhance nature-based programming in Regional Parks.
 - Encourage more residents to participate in stewardship activities in Regional Parks.

3 STAKEHOLDER ENGAGEMENT

Integrate the Regional Parks system with others' efforts to protect important natural areas and systems in the region.

- 3.1 Facilitate collaboration between Metro Vancouver and members on parkland acquisition, park issues, management techniques, regulations and programming.
 - Identify opportunities to learn from one another and share best practices.
 - Assess the impacts of Regional Parks on local communities and identify the means for mitigating the challenges associated with an increasing number of park visitors.
- 3.2 Work with members, Regional Parks partners and community organizations who have similar objectives in promoting the value of spending more time in nature and Regional Parks as places to do so.
- 3.3 Work through the Pacific Parks Foundation to encourage legacy and other charitable donations.



HOUSING

1 RESEARCH-BASED ADVOCACY

Continue to advocate to other orders of government for funding and programs to improve the affordability of housing in the region.

- 1.1 Support an evidence-based approach to analyzing the affordability challenges in the Metro Vancouver region.
 - Continue to collect data on the housing stock to demonstrate the case for funding.
 - Continue to participate in the regional homelessness count.
- 1.2 Advocate for other orders of government to deal with the root causes (e.g., poverty and mental illness) of the growing need for social housing in the region.

2 MEMBERS' HOUSING ACTIONS

Facilitate collaboration among members to expand the range of housing options in the region.

- 2.1 Explore funding, financing and partnership options to increase the stock of affordable housing in the region.
 - Determine whether an increase in market housing stock in high transit corridors could be used to increase the number of subsidized units.
- 2.2 Facilitate the exchange of expertise and best practices among members on protecting market rental housing and reducing barriers to the expansion of affordable housing options.

3 AFFORDABLE HOUSING STRATEGY

Update the regional *Affordable Housing Strategy* to address the breadth of current regional issues.

- 3.1 Complete the updated *Affordable Housing Strategy* to recognize:
 - The need for a diverse supply of housing across the region;
 - The value of ownership opportunities in addition to rentals; and,
 - The need for clarification of the roles that Metro Vancouver, members and other orders of government have in implementing the strategy.
- 3.2 Develop a focused regional rental housing strategy to identify the means to protect and maintain affordable rental stock in the region.

4 METRO VANCOUVER HOUSING CORPORATION

Continue to provide needed affordable housing in the region through MVHC.

- 4.1 Evaluate diversifying revenue sources for MVHC.
 - Examine the potential for partnerships involving Metro Vancouver and members on the expansion of affordable housing stock in the region.
- 4.2 Develop and implement an asset management strategy for the maintenance and replacement of existing MVHC housing stock.



LIQUID WASTE

1 *INTEGRATED LIQUID WASTE AND RESOURCE MANAGEMENT PLAN*

Manage the liquid waste system in a manner that protects public health and the environment.

- 1.1 Continue the implementation of the ILWRMP.
 - Better coordinate with members on the combined sewer separation program.
 - Partner with members to reduce contaminant loadings through stronger and expanded monitoring and source controls.
 - Identify effective means to reduce previously identified contaminants and work with regulatory agencies and other experts to address the health and environmental effects associated with pharmaceuticals and personal care products.
- 1.2 Plan for growth while working with members to identify best practices, pilot programs and other means for implementing new efficiencies in the regional and local liquid waste systems.
- 1.3 Continue to liaise with other orders of government and their agencies about the risks to the liquid waste system resulting from port development, other major infrastructure projects and dredging, and confirm appropriate mitigation and compensation measures.
- 1.4 Ensure equity to members in maintaining a financially sustainable liquid waste system.
 - Pursue other sources of funding and update development cost charges (DCCs) to fund growth-driven liquid waste projects.
 - Commit to analyzing the implications of a rate structure based on one sewerage area after secondary treatment upgrades to all wastewater treatment plants have been completed.

2 *RESILIENCE*

Ensure the long-term resilience and ability of the liquid waste system to meet future demands and challenges in a resource-constrained world.

- 2.1 Evaluate the vulnerabilities of the liquid waste system to climate change and natural hazards including earthquakes.
 - Understand and plan for impacts from climate change to the infrastructure and capacity of the liquid waste system.
 - Prioritize projects that will increase the system's resilience and develop a long-term plan for upgrades.
- 2.2 Continue to apply an integrated resource recovery approach to the liquid waste system.
 - In project planning evaluate the opportunities for water reuse, energy generation and recovery, as well as the recovery of other resources from the liquid waste stream.
 - Promote integrated rainwater management and the use of tools and policies to increase rainwater capture that will reduce the burden on the liquid waste system and the impact on receiving water bodies.

3 *PUBLIC EDUCATION*

Invest in programs to promote behaviour that is consistent with regional liquid waste objectives.

- 3.1 Develop targeted campaigns to reduce the negative impact businesses and residences in the region have on nearby marine and freshwater ecosystems.
 - Communicate the value of source controls to reduce contaminant loadings into the sewerage system.
 - Develop social marketing campaigns to reduce contaminants being released into the sewerage system.
 - Communicate the multiple benefits of on-site rainwater management.

WATER

1 DRINKING WATER MANAGEMENT PLAN

Maintain Metro Vancouver's world-class water system that provides safe, clean drinking water and further develop its capacity to meet future needs.

- 1.1 Continue the implementation of the DWMP.
 - Develop and secure additional long-term water supply capacity for the region from the Coquitlam source.
- 1.2 Plan for growth while working with members to identify best practices, pilot programs and other means for implementing new efficiencies in the regional drinking water system.
- 1.3 Continue to liaise with other orders of government and their agencies about the risks to water crossings resulting from port development, other major infrastructure projects and dredging, and confirm appropriate mitigation and compensation measures.
- 1.4 Continue to evaluate the impact of pricing, metering and other tools to promote water conservation.
 - Re-evaluate the business case for regional water metering.

2 RESILIENCE

Ensure the long-term resilience and ability of the regional drinking water system to meet future demands and challenges in a resource-constrained world.

- 2.1 Evaluate the vulnerabilities of the water system to climate change and natural hazards including earthquakes.
 - Understand and plan for impacts from climate change including those to the source reservoirs.
 - Prioritize and implement projects that will increase the system's resilience and reduce its vulnerabilities.

- 2.2 Continue to optimize the investment in the water system.

- In project planning evaluate the opportunities for water reuse, energy generation and recovery, as well as the recovery of other resources from water operations.

3 PUBLIC EDUCATION

Expand public awareness of the quality of Metro Vancouver drinking water and the importance of conserving it.

- 3.1 Enhance the Tap Water Campaign.
 - Provide metrics comparing the quality of tap water in the region and bottled water.
 - Work with members to continue to improve access to drinking water in public areas.
- 3.2 Promote water conservation through public education campaigns and other tools.
 - Communicate the social, environmental and economic benefits of water conservation.
 - Consider stricter lawn sprinkling regulations.

SOLID WASTE

1 *INTEGRATED SOLID WASTE AND RESOURCE MANAGEMENT PLAN*

Reduce solid waste through an aggressive waste reduction campaign and the recovery of materials and energy from the waste that remains.

- 1.1 Reduce the amount of waste produced.
 - Advocate for policies that ensure producer responsibility for recycling and disposal costs associated with packaging.
 - Support the work of the National Zero Waste Council as a multi-sector national organization advocating for and collaborating on waste prevention.
- 1.2 Continue to expand effective reuse and recycling systems, programs and policies in the region.
 - Continue efforts to enforce disposal bans.
 - Facilitate the exchange of expertise and best practices among members on how to support recycling efforts across the region.
- 1.3 Continue to invest in the infrastructure required to implement the ISWRMP.
 - Maintain and enhance Metro Vancouver's solid waste transfer network.
 - Continue to expand waste-to-energy capacity in the regional management of solid waste.

2 *FINANCIAL SUSTAINABILITY*

Work towards a financial model for managing a solid waste management system consistent with zero waste objectives.

- 2.1 Develop sustainable funding for zero waste communications, education and planning.
- 2.2 Advocate for shifting costs associated with solid waste management from “end of pipe” (local authorities and ratepayers) to the production and distribution stages.

3 *PUBLIC EDUCATION*

Continue to promote behaviour change that will reduce waste generated in the region.

- 3.1 Develop public education information that improves public awareness of the drivers creating the volume of solid waste, the associated costs of managing this waste, and the multiple benefits of waste reduction and recycling.
- 3.2 Expand regional waste reduction campaigns, such as the Love Food, Hate Waste campaign.
- 3.3 Expand targeted campaigns to enhance recycling practices.
 - Enhance work related to implementing the organics ban with multi-family buildings and the industrial, commercial and institutional sector.
 - Continue to work with stakeholders in the reduction and recycling of construction and demolition waste.



CHECK it OUT! Summer 2015


ourwater
mountain fresh

don't waste a drop



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APPLE LOVERS hate waste

Over half of the food we throw away should have been eaten. That's 100,000 tonnes of edible food, drink and dairy going to waste every year.

To help you reduce your household food waste – and save as much as \$700 on your grocery bills – we've launched Love Food – Hate Waste.



BROCCOLI LOVERS hate waste

Over half of the food we throw away should have been eaten. That's 100,000 tonnes of edible food, drink and dairy going to waste every year.

To help you reduce your household food waste – and save as much as \$700 on your grocery bills – we've launched Love Food – Hate Waste.





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