

2019 – 2023 FINANCIAL PLAN

METRO VANCOUVER REGIONAL DISTRICT - REGIONAL PLANNING

Heather McNell

DIRECTOR OF REGIONAL PLANNING AND ELECTORAL AREA SERVICES

Regional Planning Committee Meeting - October 5, 2018



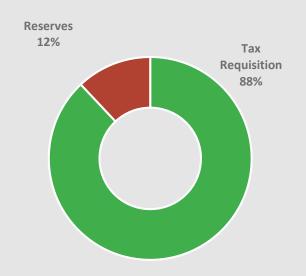
REGIONAL PLANNING FUNCTION OVERVIEW

Total Regional Planning Budget for 2019 is \$3,527,732

The Regional Planning function provides the following services:

- Primary responsibility is to develop, administer, implement and monitor Metro Vancouver 2040: Shaping our Future, the regional growth strategy
- Provides data and policy research, development, implementation and monitoring in support of a prosperous, resilient and livable region
- Three Programs: Growth Management and Transportation, Planning Analytics and Environment

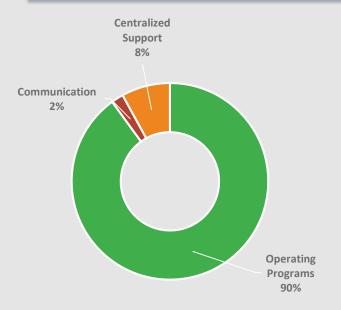
2019 REGIONAL PLANNING REVENUES



\$ millions	2018	2019	\$ Change	% Change
Tax Requisition	\$2.84	\$3.11	\$0.27	9.3%
Reserves	\$0.33	\$0.42	\$0.09	
Total Revenues	\$3.17	\$3.53	\$0.36	11.2%

• Reserves – one-time initiatives

2019 REGIONAL PLANNING EXPENDITURES



\$ millions	2018	2019	\$ Change	% Change
Operating Programs	\$2.80	\$3.19	\$0.39	13.3%
Communication	\$0.08	\$0.08	\$0.00	6.7%
Centralized Support	\$0.29	\$0.26	(\$0.03)	(8.7%)
Total Expenditures	\$3.17	\$3.53	\$0.36	11.2%

One-time initiatives supported by contracted services

2019 REGIONAL PLANNING EXPENDITURES HIGHLIGHTS

Budget Highlights/Key Actions Include:

- Develop long-range growth scenarios
- Develop Regional Industrial Land Strategy
- Complete Metro 2040 policy reviews (Urban Centres and FTDAs, Industrial and Mixed Employment, Environment and Agriculture)
- Complete annual frequent transit corridor study
- Complete Phase II of Transit-Oriented Affordable Housing Study
- Urban Forestry / Climate Adaptation Project
- Invasive species best management practices
- Food Flow Study
- Data Acquisition and ongoing response to data requests

2019-2023 "WHAT'S HAPPENING" SUMMARY

- 2019: Develop Long-Range Growth Scenarios
 Develop Regional Industrial Land Strategy
 Metro 2040 policy reviews
- 2020: Equity in Growth Management Capacity for Gentle Density Annual Frequent Corridor Study
- 2021: Develop Policy Options for Metro 2050
 Update Sensitive ecosystem inventory
 Update Agricultural land use inventory
- 2022: Update Regional Growth Strategy Metro 2050
 Update Regional Parking Study
- 2023: Update Regional Affordable Housing Strategy Review Ecological Health Framework

2019 to 2023 REGIONAL PLANNING FINANCIAL SUMMARY

	2018	2019	2020	2021	2022	2023
Revenues	\$3.17 M	\$3.53 M	\$3.52 M	\$3.58 M	\$3.57 M	\$3.65 M
Expenditures						
Operating Programs	\$2.80 M	\$3.19 M	\$3.16 M	\$3.25 M	\$3.27 M	\$3.38 M
Communications	\$0.08 M	\$0.08 M	\$0.08 M	\$0.08 M	\$0.06 M	\$0.06 M
Centralized Support	\$0.29 M	\$0.26 M	\$0.28 M	\$0.25 M	\$0.24 M	\$0.21 M
Total Expenditures	\$3.17 M	\$3.53 M	\$3.52 M	\$3.58 M	\$3.57 M	\$3.65 M
TOTAL MVRD HOUSEHOLD IMPACT (*)	\$54	\$55	\$56	\$58	\$59	\$61

^(*) Includes all MVRD functions



Questions?





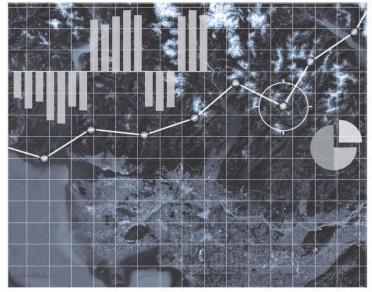
Metro 2040 Annual Performance Monitoring Report 2011 - 2017

Heidi Lam

SENIOR POLICY AND PLANNING ANALYST



METRO VANCOUVER 2040: SHAPING OUR FUTURE PERFORMANCE MONITORING GUIDELINE



Progress toward

SHAPING OUR FUTURE

Metro 2040 Performance Measures

- 15 Key Summary Measures
- Range of supporting measures
 - Context Measures
 - Strategy Performance Measures
 - Participation Measures

NOVEMBER 30, 2017



metrovancouver | metro 2040 DASHBOARD

COMPACT URBAN

ENVIRONMENT & CLIMATE CHANGE

TRANSPORTATION

REGIONAL LAND DESIGNATIONS

DASHBOARDS

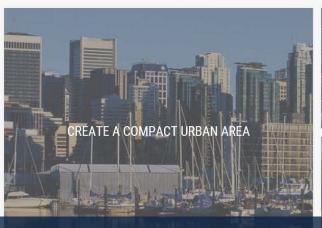


Metro 2040

PERFORMANCE MONITORING DASHBOARD

This dashboard tracks progress toward the five goals set out in Metro Vancouver's regional growth strategy. Performance is evaluated on an ongoing basis as data becomes available, and is indicated by:

✓ on track I may not be on track ② waiting for data ③ observing











Metro 2040 Dashboard Launched May 15, 2017



Maple Ridge

Coquitlam

Langley Township

Maple Ridge

Port Moody

Surrey

Delta

METRO 2040 VISION

About 20-25% of the region's growth is anticipated to occur on undeveloped lands designated General Urban within the Urban Containment Boundary. The other 75-80% of growth will occur through infill and redevelopment.

Location of Remaining General Urban

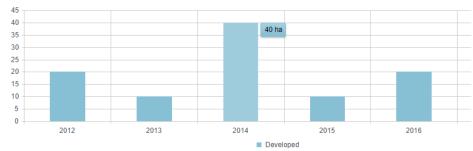


ON TRACK

9.4% of remaining General Urban lands were developed between 2011 and 2017, with an annual average of 120 hectares.

Maple Ridge 2017 Stats

Recent General Urban Development

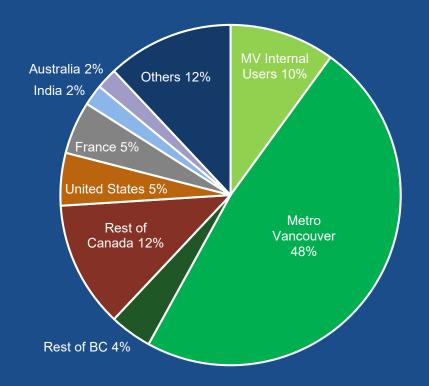




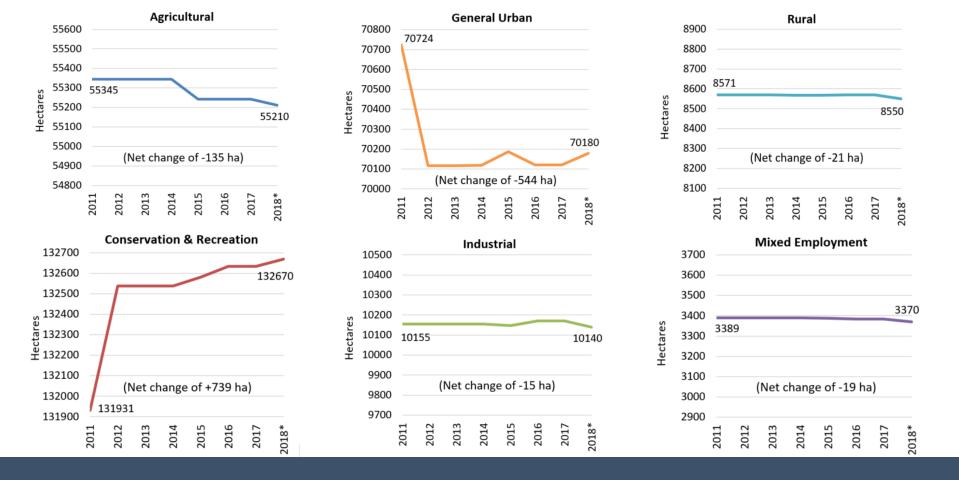


Status of General Urban

Metro 2040 Dashboard



Geographic Location of Users (May 15, 2017 – Sep 12, 2018)

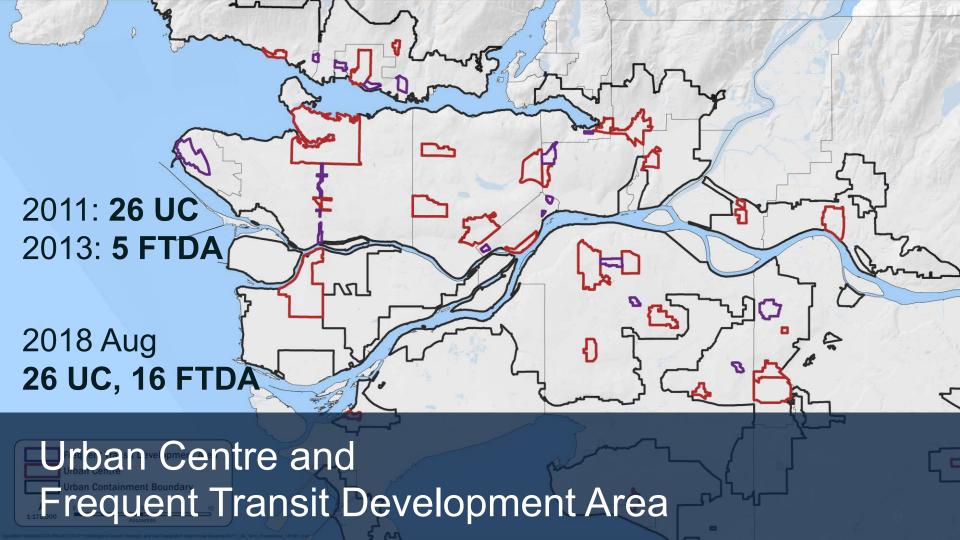


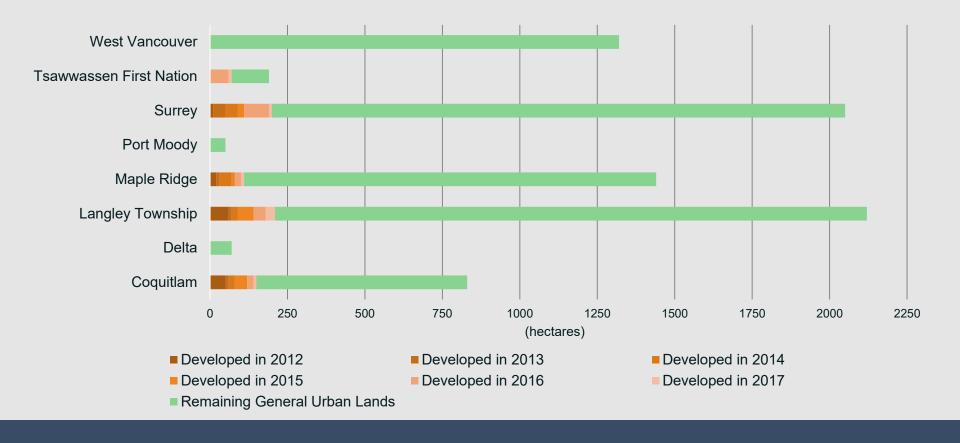
Changes in Regional Land Use Designation

	Proportion of Overall Land Area in 2011	Proportion of Overall Land Area in 2018
Agricultural	19.8%	19.7%
Conservation & Recreation	47.1%	47.4%
Industrial	3.6%	3.6%
Mixed Employment	1.2%	1.2%
Rural	3.1%	3.1%
General Urban	25.2%	25.1%
Total	100%	100%

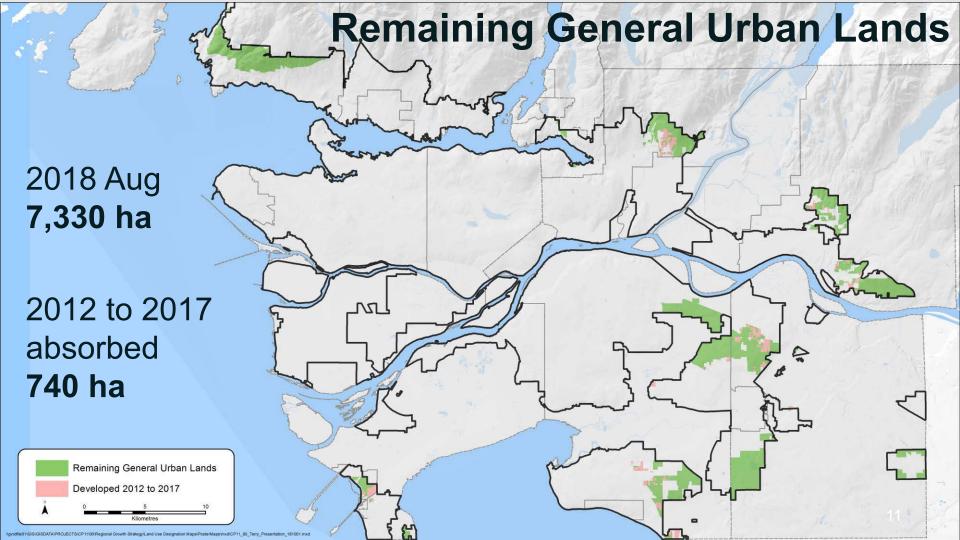
Cumulative Changes in Regional Land Use







Distribution of Remaining General Urban Lands





	Sensitive Ecosystems		Modified Ecosystems		Total	
	Original (ha)	Loss in 5 Yrs (ha)	Original (ha)	Loss in 5 Yrs (ha)	Original (ha)	Loss in 5 Yrs (ha)
Region	150,435	661	28,237	979	178,672	1,640

Sensitive Ecosystem Inventory



Air Emission Inventory & Forecast

Metro 2040 Target

2020: 33% GHGs reduction

2050: 80% GHGs reduction

2007: 16.4 million tonnes baseline

2015: 14.7 million tonnes

12% reduction

Percent of hours with AQHI in low health risk categories 2016: 99% 2017: 93% Air Quality Health Index

COMPLETE SUSTAINABLE REGIONAL COMMUNITIES TRANSPORTATION LAND USE

DATA Q





Metro 2040

PERFORMANCE MONITORING DASHBOARD

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Metro 2040 Dashboard **Upcoming Date Release**

- Agricultural Land Use Inventory, active food producing lands
- Dwelling unit growth in selected geographies
- Walkability Index
- Update to insured vehicles and collision statistics



multi-unit residential buildings registration are parking usage. Your household has been selected to be parking usage. Your household has been selected to be will be kept confidential. Will be kept confidential. We recommend completing this questionnaire online at: www.MVParking.ca/survey We recommend completing this questionnaire.	(paid) Weekdays free) Weekends	
part of this important study. The study the supertionnaire online at: www.MVParking	Holidays and Special Constitution	
We recommend completing this question	— ivever	
If you wish to complete the paper questionnaire,	risitors who need Question 8) Not applicable	
please mail the questionnaire to:		
If you wish to complete the paper questionnaire, please mail the questionnaire to: Acuere Consulting cities 301 - 4475 Wayburne Drive SERVICES AND SOLUTIONS FOR A LIVABLE REGION		
Suite 301 - CVEG 4X4		
Burnaby, Bt., Volume Study" Attention: "Parking Study"	bike parking? (ie: bike t	
	bike parking? (ie: bike racks in a locked room/cage or bike racks in a	
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i. ACLESS CO	household own?	
ii. Building Name & Address:		
	If you do not have any bicycles skip to question 10.	
RESIDENT VEHICLE PARKING 1. How many vehicles does your household own or lease (not including car share program)? 1. How many vehicles does your household own or lease (not including car share program)? 1. How many vehicles does your household own or lease (not including car share program)? 2. How many vehicles does your household own or lease (not including car share program)?	- NO (select all +L	
DESIDENT VEHICLE FAITH	It's too crowd a	
does your household own or lease the home and parked overnight		
1. How many vehicles does or light trucks that are brought.	I feel uncomfortable	
1. How many vehicles does your household own or lease (not including car shale pool to the pool of th	I feel uncomfortable or unsafe in the build's bike parking facility Other plans	
	Other, please specify	
do you usually park your vernast and or garage).	and, please specify	
1. How many Venices (Please include all cars, vans or light trucks that are of the control of t		
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Vehicles in my building's parking facility (parking lot or garage). Vehicles in a nearby off-street parking facility (parking lot or garage). Vehicles in a nearby off-street parking facility (parking lot or garage).	U2 D	
Vehicles in a nearby off-street parking Number of vehicles I park on the street near my building. Number of vehicles I park on the street, typically how far do you park from your building? More than 10 min walk	Xcludian 1	
Number of vehicles Part typically how far do you p	balcony/pations	
	11 12 1	
Between 10 min walk	y parking 9 sq ft	
Less than a 5 and 10 min walk 5 min walk	y parking 9 sq ft 1,200-1,199 sq ft 1,200-1,299 sq ft	
5 min want	,077 sq ft	
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purchase price	Ages 65	
ional Parking Study Ho	earch to the than not got 303+	
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VOU THE TOTAL OF THE PARTY OF T		

Raymond Kan

SENIOR REGIONAL PLANNER



Progress Updates

1. Parking Facility Survey

- May 11: RPAC
- June 8: Regional Planning Committee
- June 21: City of Burnaby planning staff
- June 27: RTAC

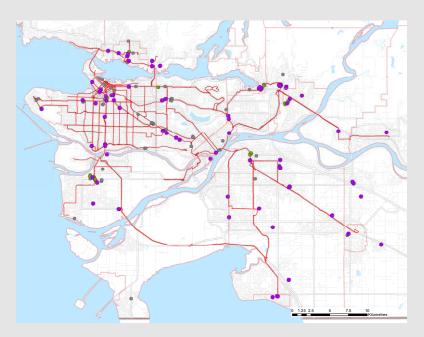
2. Street Parking Survey

- July 13: RPAC
- July 26: RTAC
- Sept 7: Regional Planning Committee

3. Household Survey - today!

Household Survey

- Purpose: to capture additional data to complement the parking facility and street parking surveys
 - Vehicle ownership
 - Parking preferences
 - Visitor parking preferences and challenges
 - □ Bicycle parking preferences and challenges
 - ☐ Willingness to forgo a parking stall
 - Electric vehicles
 - Demographics
- Online and paper questionnaires
- Mailed to +11,000 dwelling units
- Received +1,500 responses
- Potential self-selection bias



Preliminary Observations

- 1. Vehicle Ownership
- 2. Visitor Parking
- 3. Bicycle Parking
- 4. Plug-in Electric Vehicle Chargers
- 5. Forgoing a Parking Stall

1. Vehicle Ownership

Apartment Unit Size



Rent or Own



Access to Frequent Transit Network

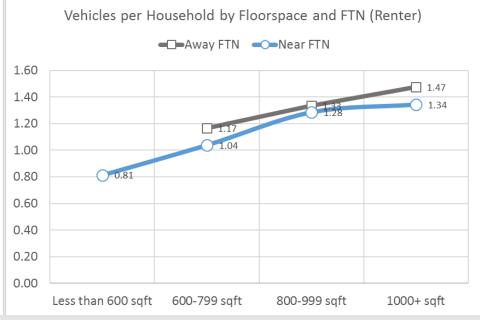


1. Vehicle Ownership



Vehicles per Household by Floorspace and FTN (Owner) ■Away FTN ■Near FTN 1.60 1.40 1.20 O=1.10 1.00 0.80 0.60 0.40 0.20 0.00 Less than 600 sqft 600-799 sqft 800-999 sqft 1000+ sqft

Renter



2. Visitor Parking





2. Visitor Parking



3. Bicycle Parking

Reasons for not using the building's secure bicycle parking facility (households with bicycles)

I'm afraid the bike will be stolen or damaged

The facility is too crowded or full
I feel uncomfortable or unsafe in the bicycle parking facility

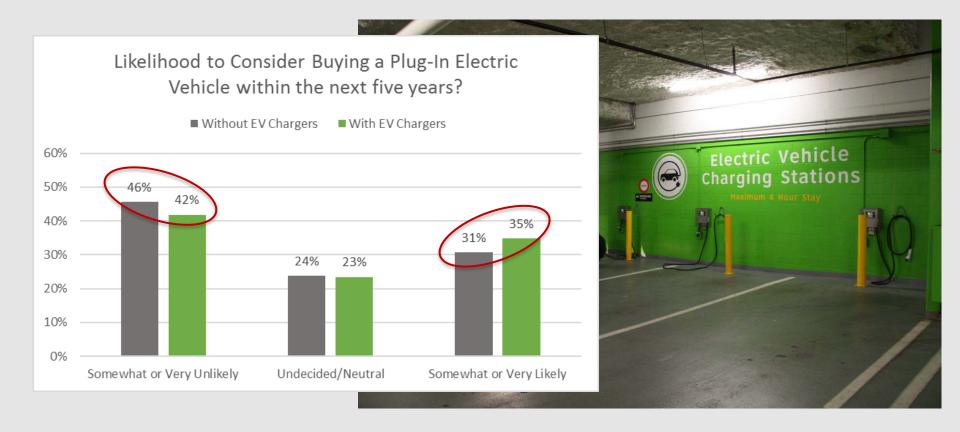
The facility is inconvenient



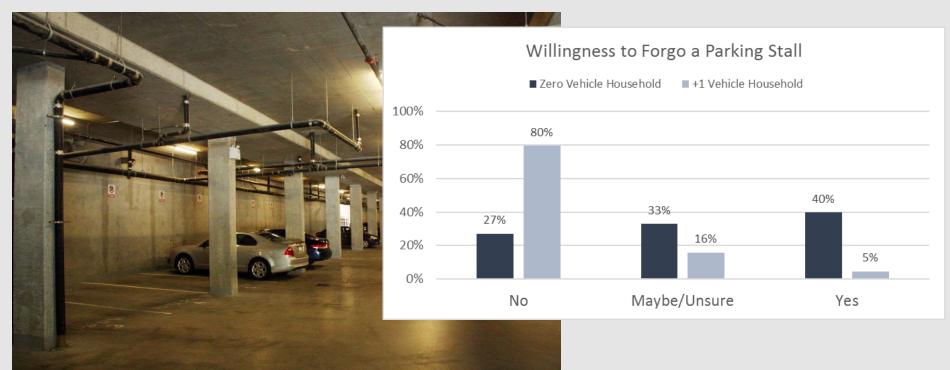




4. Electric Vehicle Charging Infrastructure



5. Forgoing a Parking Stall



Recap: Evidence from three surveys



Observations	Considerations for Policy/Regulations					
Residential parking supply > utilization	Residential parking requirements					

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Experience and perception of bicycle parking facilities	Accommodating bicycle parking with similar design considerations as for car parking: capacity, security, and comfort					

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Electric vehicle and market interest	On and off-site EV charging infrastructure					

Timeline

	2017			2018				2019	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Project Definition									
Data Collection									
Analysis									
Communication									

- Complete data analysis
- Prepare key findings with PAG
- Prepare documentation





Monitoring Corridors Identified through Supportive Policies Agreements
IMPLICATIONS FOR THE URBAN CENTRE AND FTDA POLICY REVIEW

Erin Rennie

SENIOR PLANNER, REGIONAL PLANNING





Objectives

- Provide an update and overview on the Supportive Policies Agreements (SPAs)
- Overview of Metro
 Vancouver's proposed
 monitoring role for the
 corridors identified in the two
 recently completed SPAs

Supportive Policies Agreements between TransLink and the project host municipalities, finalized prior to project approval

- Surrey-Newton-Guildford LRT
- Broadway Subway

Mutual commitment to actions that support the project objectives, but are primarily beyond direct project scope

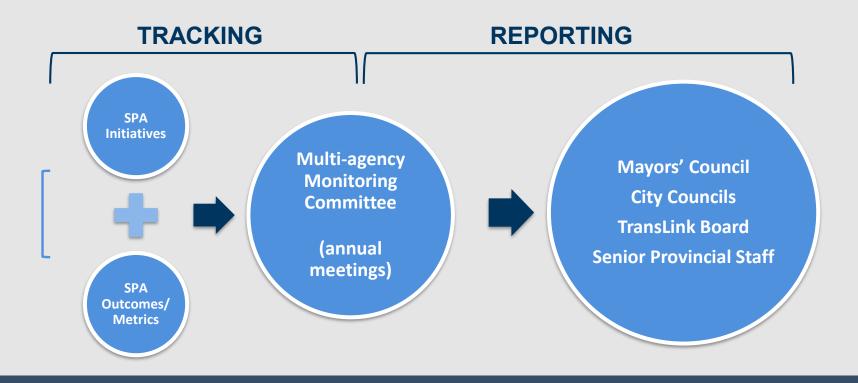
- "6 Ds" framework used to structure the two SPAs
 - Transit-Oriented Communities Design Guidelines

What are the SPAs?

Both SPAs speak to collaborating to support the shared objectives of:

- Provincial initiatives to improve transit and increase the supply of affordable housing
- The Regional Transportation Strategy
- The Regional Growth Strategy
- The Regional Affordable Housing Strategy
- The Transit-Oriented Communities Design Guidelines

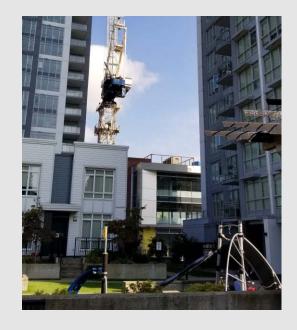
Shared Policy Objectives



Framework for implementing and monitoring

Initiatives/actions committed to include (but aren't limited to):

- Corridor land use plans
- Affordable housing strategies
- Streetscape and public realm plans
- Pedestrian and cycling strategies
- Bus priority and integration plans
- Parking requirements



Tracking SPA initiatives – TransLink will monitor

Identified metrics for tracking include (but not limited to):

- population growth
- employment growth
- development activity
- housing capacity
- affordable housing supply

- mode split
- transit performance
- cycling performance
- pedestrian performance

Both SPAs define a range of metrics and note that further metrics need to be defined via the Monitoring Committee

Tracking indicators for SPA corridors – Metro Vancouver invited to monitor

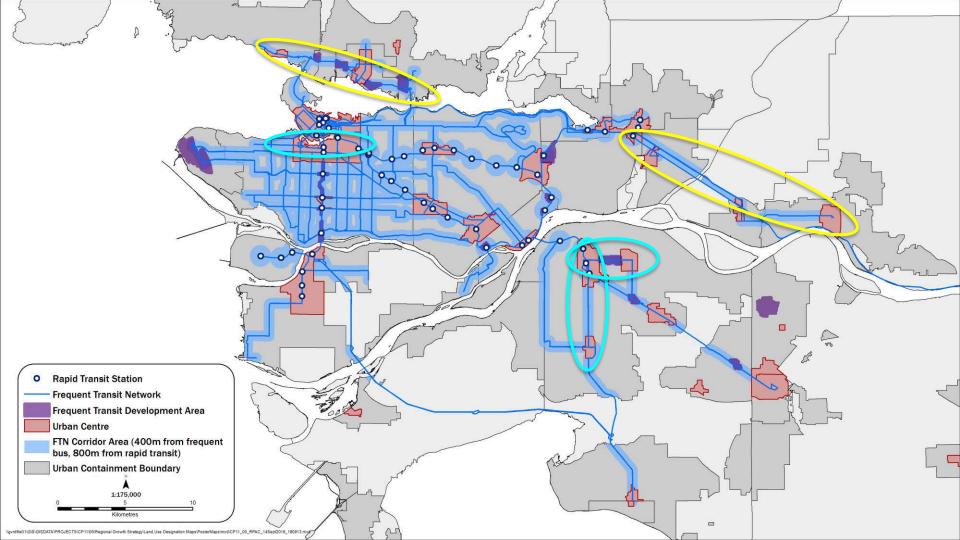
- One multi-stakeholder committee per SPA
- One or more senior representative(s) from TransLink and City; invitation for senior representation from Province and Metro Vancouver
- Purpose: provide decision-makers with:
 - Annual dashboard of key SPA initiatives and metrics and,
 - Comprehensive performance report every 3-5 years

Monitoring Committees

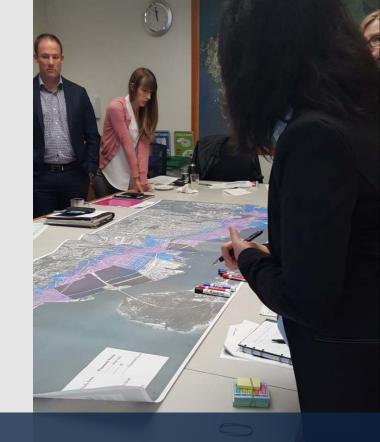
- Learning and improving on FTDA and Urban Centre policies
- Pilot integration of corridors into regional planning and monitoring
- An extension of Corridor Studies, Dashboards, and other ongoing monitoring work.



Urban Centre and FTDA Policy Review

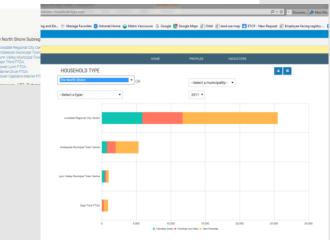


- SPAs with Surrey and Vancouver
- Marine-Main Frequent Transit Corridor Study
- Lougheed Corridor Land Use and Monitoring Study
- Urban Centre and FTDA Dashboard



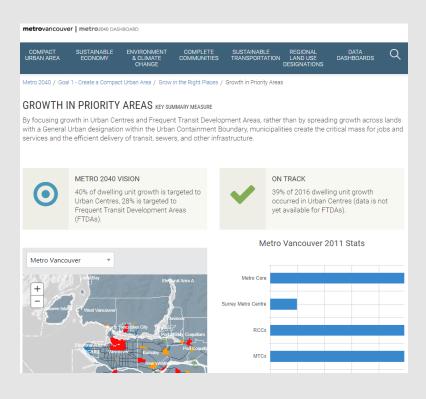
Integrating land use and transportation planning

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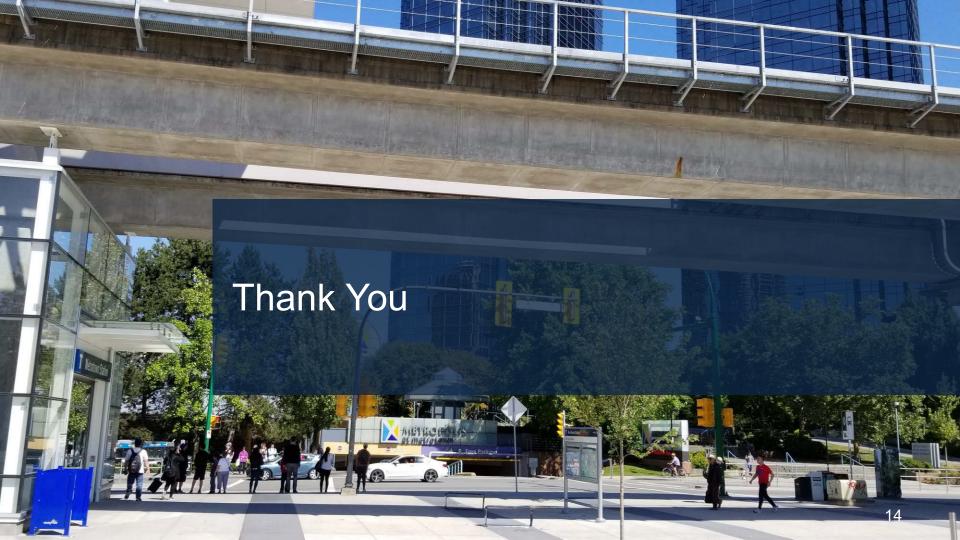
Metro Vancouver to monitor corridors identified in these two SPAs

- Potential role to include: data provision, coordination, analysis, and reporting. Details TBD.
- Metro Vancouver will not monitor commitments in the SPAs.
- Continuation of current monitoring work related to *Metro 2040*.



- Expansion of Metro Vancouver's ongoing monitoring work
- SPAs stipulate that the monitoring effort will continue until the year 2045 or 20 years after the service's opening day.

Financial and Other Implications



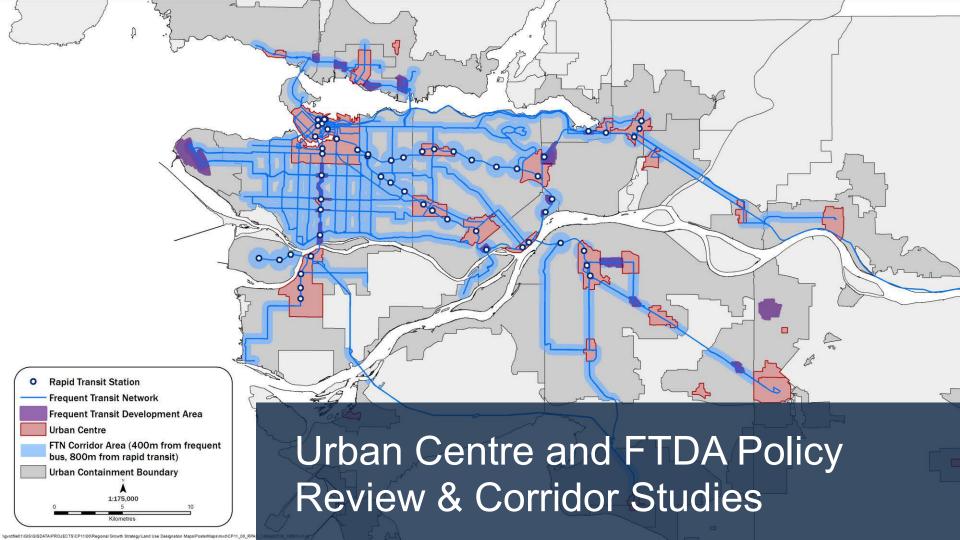


Lougheed Corridor Land Use and Monitoring Study PROJECT INITIATION

Erin Rennie

SENIOR PLANNER, REGIONAL PLANNING

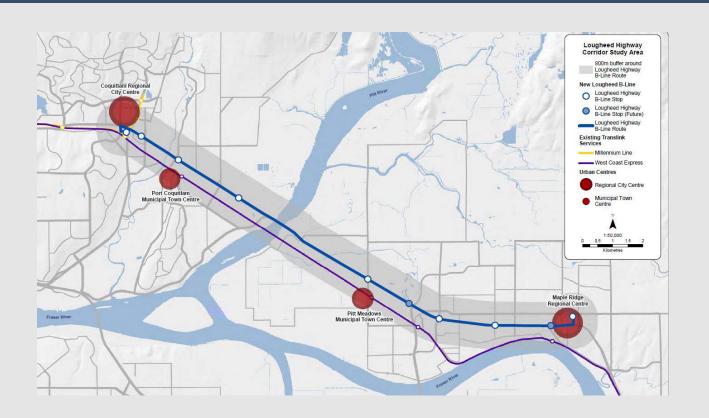




Frequent Transit Corridor Studies



Lougheed Corridor Land Use and Monitoring Study



Transportation Activities in the Lougheed Area

- Lougheed B-Line Implementation
- Maple Ridge-Pitt Meadows Area
 Transport Plan
- TransLink Rapid Transit Study
- Metro Vancouver Lougheed Land Use and Monitoring Study

Other Provincial and Municipal Activities







Study Purpose

- Further thinking about transitsupportive land use options along the B-Line corridor
- Further the integration of corridors into regional planning and monitoring

Study Goals

1. Share best practices for transit-supportive land use

2. Share thinking for land use along the corridor and across municipal boundaries to:

- a) identify opportunities to coordinate
- b) analyze market potential and constraints of the areas surrounding the new transit right-of-way
- c) consider opportunities for new Frequent Transit Development Areas.
- 3. Develop an alternative long-term "scenario"
- 4. Develop strategies to mitigate speculative/ affordability impacts
- 5. Develop a monitoring program



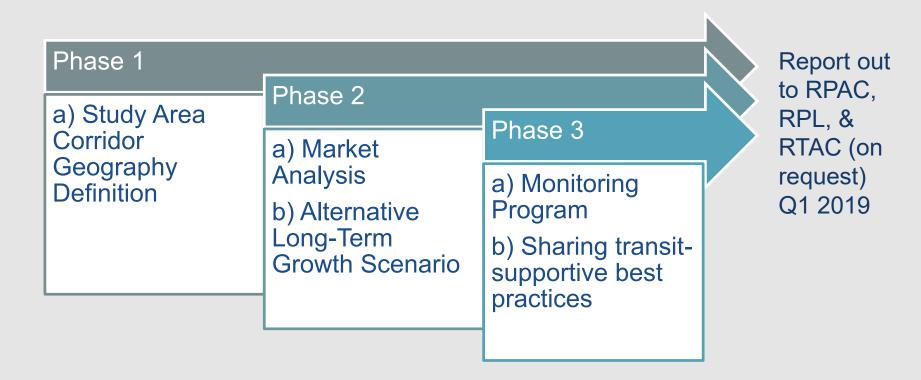
Staff Working Group

- Metro Vancouver
- TransLink
- Coquitlam
- Port Coquitlam
- Pitt Meadows
- Maple Ridge
- Agricultural Land Commission

- Ministry of Transportation & Infrastructure
- Katzie First Nation
- Kwikwetlem First Nation
- Kwantlen First Nation



Study Timeline: September-December 2018



Land Use and Monitoring Study

Integration of Land Use and Monitoring Study with Rapid Transit Corridor Study

Corridor Geography Definition

• Define the corridor study area



• Inform scale of development possible



 Alternative long-term growth scenario may be an alternative to the growth planned in the OCPs

Rapid Transit Corridor Study



 Determines the best transit service level for the corridor in 2035/2050. The sensitivity test will show whether additional growth from what is contemplated in the OCPs will have an impact on what transit service is feasible



 ATP will consider the Rapid Transit Corridor Study when prioritizing service investment





Knowledge Sharing Series

METRO 2040 URBAN CENTRE AND FTDA POLICY REVIEW

Erin Rennie

SENIOR PLANNER, REGIONAL PLANNING





Phase 1

- Understand how UCs
 & FTDAs are being used and how they are working.
- 2015-2017

Phase 2

- Develop and test options for improving growth structuring tools.
- 2017-2019

Update *Metro* 2040

- Consider new growth structuring framework.
- 2019-2022

Urban Centres and FTDA Policy Review: Process

Implementation Challenges

- Improve walkability along corridors that are also regional connectors
- Lease stand-alone office outside Metro Cores
- Retain small-scale retail
- Negotiate less-visible amenities
- Identify FTDAs prior to local planning processes





Urban Centre and FTDA Knowledge Sharing Series



Brentwood Municipal Town Centre



Burquitlam Frequent Transit Development Area



22nd Street Frequent Transit Development Area



Surrey Metro Centre (Regional City Centre)

Lessons Learned

- 1. Varied use of the FTDA tool speaks to a need for **more types** of transit-oriented growth structuring tools.
- 2. Block size and intersection density are not addressed in *Metro 2040*, but could be a promising area for further regional planning research.
- 3. Building **stronger linkages** between the region's Urban Centres and FTDA policies and Complete Communities policies is an important consideration for the next iteration of the regional growth strategy.





Lessons to inform Policy Review -

1. Varied use of the FTDA tool speaks to a need for more types of transit-oriented growth structuring tools.





Lessons to inform Policy Review -

2. Help walking, biking, and transit become the primary modes of transportation in Urban Centres and FTDAs through reducing block size and increasing intersection density.





Lessons to inform Policy Review -

3. Build **stronger linkages** between the region's Urban Centres and FTDA policies and Complete Communities policies.



Benefits to participants

- Continuous Professional Learning (CPL) Credits offered to planners
- Free professional development opportunities
- Network-building and fostering the regional lens at the local level
- Re-engagement with Metro 2040

Next Steps

- Summaries uploaded to Metro Vancouver website
- Potential for a final event
- Incorporate lessons into Policy Review
- Develop Urban Centre and FTDA Review Taskforce



