

An aerial photograph of a lush, green forested coastline. A paved road curves along the edge of the forest, leading to a small white lighthouse perched on a rocky outcrop. The ocean is visible to the right, with a small boat in the distance. The sky is a soft, hazy blue.

UBCM 2023

# BALANCING ~~A~~CT

## Provincial Clean Transportation Action Plan

# Moving Forward: Provincial Clean Transportation Action Plan

## Agenda

- Opening remarks
- Clean Transportation Overview and Update
- Local Government Remarks
  - Powell River
  - Metro Vancouver
- Discussion session (breakout tables)
- Closing remarks and Q&A





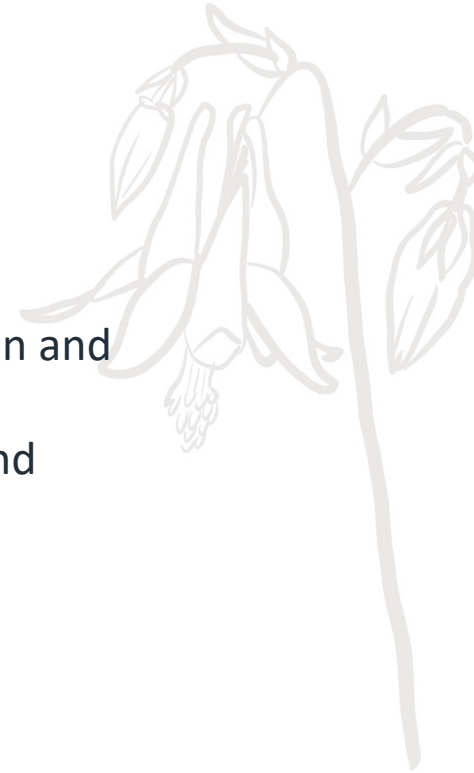


cleanBC

our nature. our power. **our future.**

We gratefully and respectfully acknowledge that this session and our gathering this afternoon is on the territory of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səlilwətał (Tsleil-Waututh) Nations.

We honour their language, culture and history.





# CleanBC Plan

- Launched in late 2018 with over 40 initiatives to reduce GHG emissions and move to cleaner energy in transportation, industry, and buildings, to meet legislated 2030, 2040, 2050 GHG reduction targets
- CleanBC committed to a plan to fully achieve the 2030 targets
- The CleanBC Roadmap to 2030 is that plan – following the actions outlined in the Roadmap will see us reach our legislated 2030 GHG reduction target, and do our part to reach our Paris climate commitments

# CleanBC Roadmap to 2030

- Since the CleanBC plan was announced in 2018, \$2.2 billion has been invested in climate-related measures.
- Some achievements to date:
  - Zero-emission vehicle (ZEV) adoption rate is highest in Canada with ZEVs representing over 20% of all new light-duty (LD) vehicle sales in B.C.
  - 109,873 LD ZEVs registered and over 3,800 public charging stations in B.C. as of the end of 2022
  - \$79M invested in active transportation infrastructure through the B.C. Active Transportation Infrastructure Grants Program since 2017
- The Roadmap includes a commitment to develop a **Clean Transportation Action Plan (CTAP)**







**Moving Forward:  
Provincial  
Clean Transportation  
Action Plan**

# What is the Clean Transportation Action Plan?

The purpose of CTAP is to identify the next set of concrete actions to meet B.C.'s transportation sector GHG reduction target of **27-32% below 2007 levels by 2030, and to achieve net-zero GHG emissions by 2050.**

## CTAP aims to:

- Act as a unifying, single point of reference; a comprehensive transportation action plan that links to other existing work & fills the gaps
- Short-term actions and long-term view to achieve net zero by 2050 & beyond

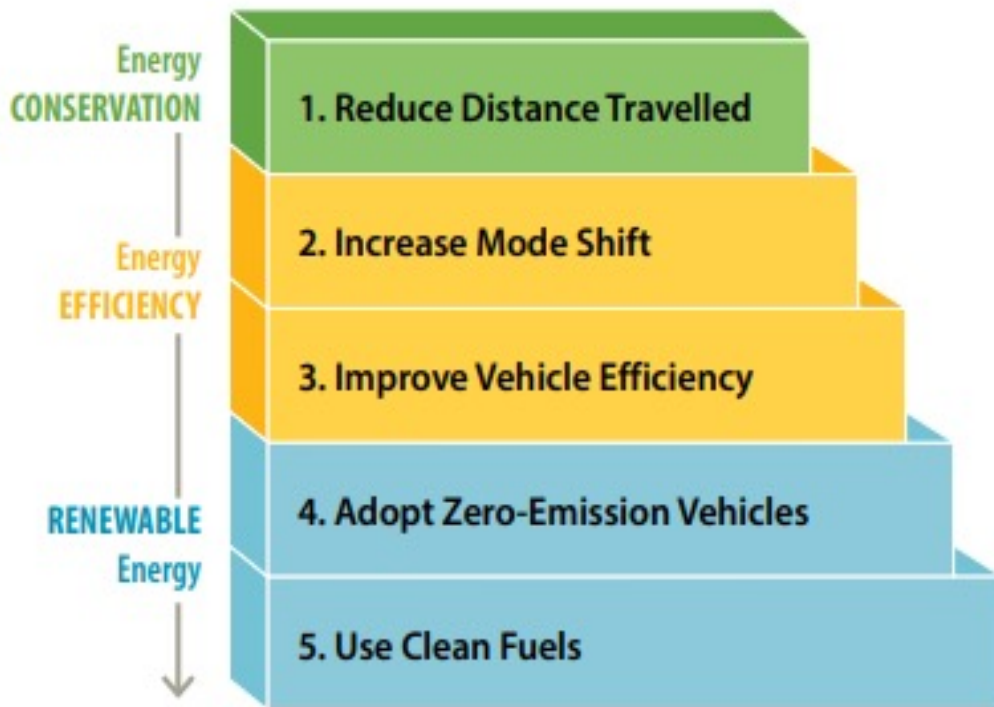




# CTAP vision and approach

The vision for CTAP is a future where British Columbians and businesses access the services and markets they need conveniently and seamlessly, via efficient, affordable, and clean modes of transportation

## CleanBC Roadmap Targets:



- **VKT reduction target:** Reduce light-duty VKT by 25% by 2030, compared to 2020
- **Mode share target:** Increase share of trips made by walking, cycling, transit to 30% by 2030, 40% by 2040, and 50% by 2050
- **Goods movement intensity target:** Reduce energy intensity of goods movement by at least 10% by 2030, 30% by 2040, and 50% by 2050, vs. 2020
- **Zero-emission vehicle (ZEV) targets:** Accelerated Zero-Emission Vehicles Act targets -- 26% of new light-duty vehicles by 2026, 90% by 2030, 100% by 2035, and introducing regulated medium-heavy-duty requirements aligned with leading jurisdictions
- **Low carbon fuel targets:** Reduce carbon-intensity of gas and diesel use 30% by 2030
- **Long term:** Economy-wide net zero GHG emissions by 2050

# Progress to date: Reducing distance travelled & mode shifting

- Funding support for TransLink and BC Transit (major projects, RapidBus, zero-emission buses)
- \$120 million to expand active transportation infrastructure on provincial roads and in communities
- Education and encouragement programs (e.g. GoByBike weeks, E-Bike Rebate Program, Electric Kick Scooter Pilot Project)
- Motor Vehicle Act (MVA) amendments to provide more protection for vulnerable road users



# Progress to date: Vehicle efficiency

- Heavy-Duty Vehicle Efficiency Program (vehicle efficiency rebates, driver training)
  - \$3.5 million commitment to year 4 of program
- Speed limiter requirements on commercial vehicles (*Motor Vehicle Act* amendments, 2023, implementation forthcoming)
- Province engages with Canada regularly on strengthening emissions standards for vehicles and mobile equipment

# Progress to date: Zero Emission Vehicles & Low Carbon Fuels

- *Zero-Emission Vehicles Act* and Regulation (2019 & 2020)
  - Sales requirements for light-duty ZEVs; requirements for commercial ZEVs under development
- Suite of CleanBC Go Electric Programs (over \$420 M invested since 2011)
  - Passenger Vehicles Rebate program; EV charger rebate program (homes & workplaces); Public Charger program; Fleets program; Hydrogen Fuelling program
  - Commercial Vehicle Pilots Program; Go Electric Rebates (previously SUVI)
  - Advanced Research and Commercialization program (including Commercial Vehicle Innovation Challenge)
  - Training and jobs support initiatives
  - Emotive – community outreach incentive program
- Electrification strategy for inland ferry fleets
- Support for BC Ferries, BC Transit, TransLink's various zero-emission commitments
- Low Carbon Fuel Standard – in place since 2010
  - Implement carbon intensity reduction targets for gasoline and diesel class fuels that reach 30% by 2030.
  - Develop regulations for jet fuel under the LCFS

# Engagement to date

## CTAP engagement:

- Union of BC Municipalities (UBCM) convention (Sept 2022, 2023)
- Local Government Climate Action Program (LGCAP) - workshops (winter 2022)
- Technical Stakeholder Consultation (local governments, academics, nonprofits, industry, etc.) (Feb – Apr 2023)

## Policy specific engagement:

- *Zero-Emission Vehicles Act* and Regulation - Formal Review Intentions Paper (July 2022)
- Medium- and Heavy-Duty Zero-Emission Vehicle: Consultation Paper (May – June 2023)

## Indigenous engagement:

- Low Carbon Fuels Act/CTAP engagement (Sept 2022)
- CleanBC Indigenous Engagement Sessions (Nov 2022)
- First Nations Leadership Council Technical Working Group on Climate Change (July 2022, May 2023)
- Declaration Act Engagement on Multi-Modal Transportation (August 2023)

# Stakeholder Feedback – Key Themes

1. Significant infrastructure investment needed to achieve targets
2. Relationship between cost of vehicle ownership and VKT
3. “A good transportation plan is a good land use plan”
4. Support for the accelerated and new ZEV targets and GoElectric program
5. Relationship between clean electricity supply and ZEV uptake
6. Strong focus on enhancing equity and reconciliation across BC
7. Accelerate support for off-road sector (marine, aviation, off-road)



# Next Steps

- CTAP will be released by end of 2023
- Input received after the release of CTAP will be incorporated in implementation



# Local Government Remarks

## Powell River

# Active Transportation in Powell River

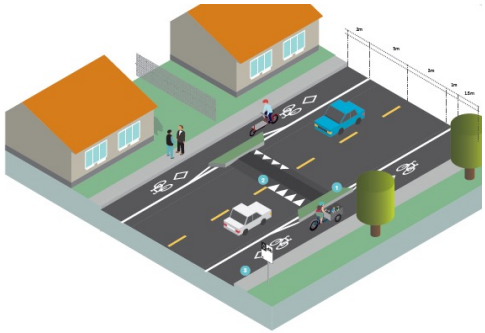
Presentation to UBCM

September 22, 2023

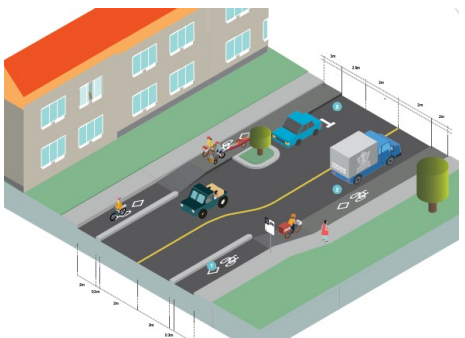
**TYPE 1 - BICYCLE STREETS**



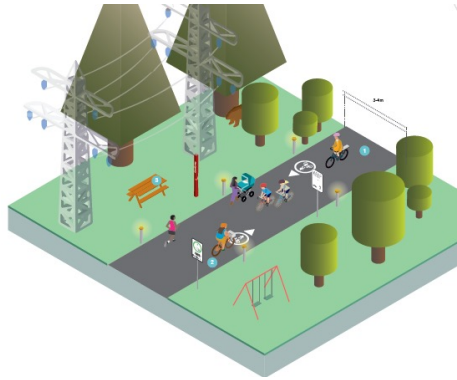
**TYPE 2 - ENHANCED PAINTED LANES**



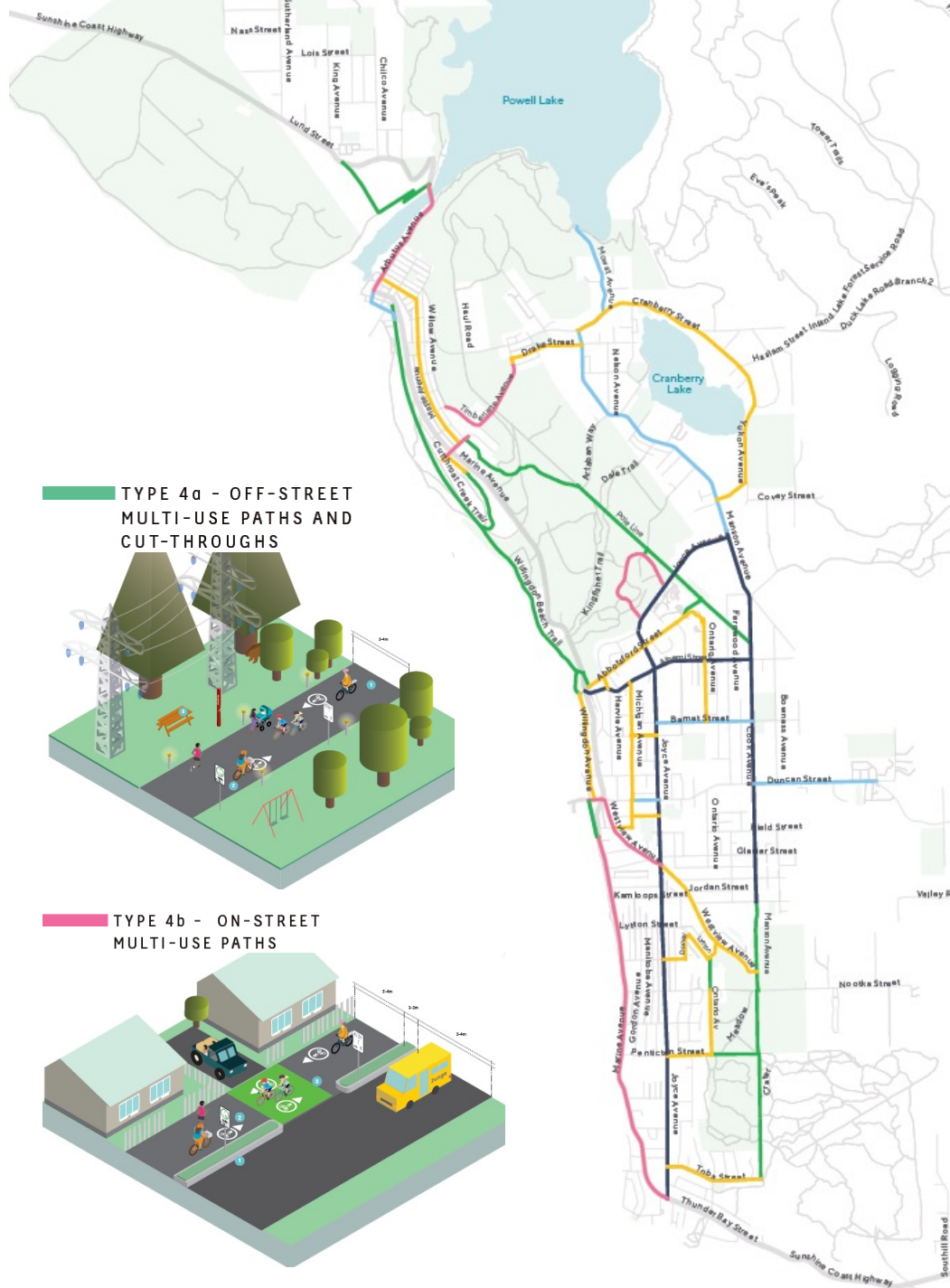
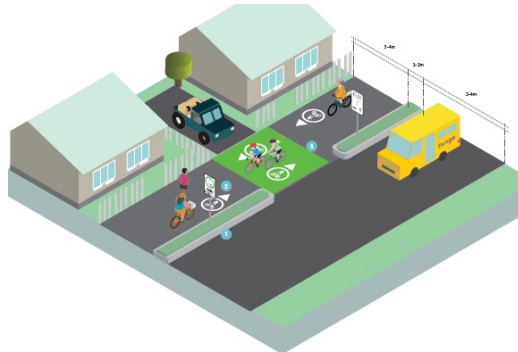
**TYPE 3 - PROTECTED BICYCLE LANES**



**TYPE 4a - OFF-STREET MULTI-USE PATHS AND CUT-THROUGHS**



**TYPE 4b - ON-STREET MULTI-USE PATHS**



# Bicycle Network Strategy



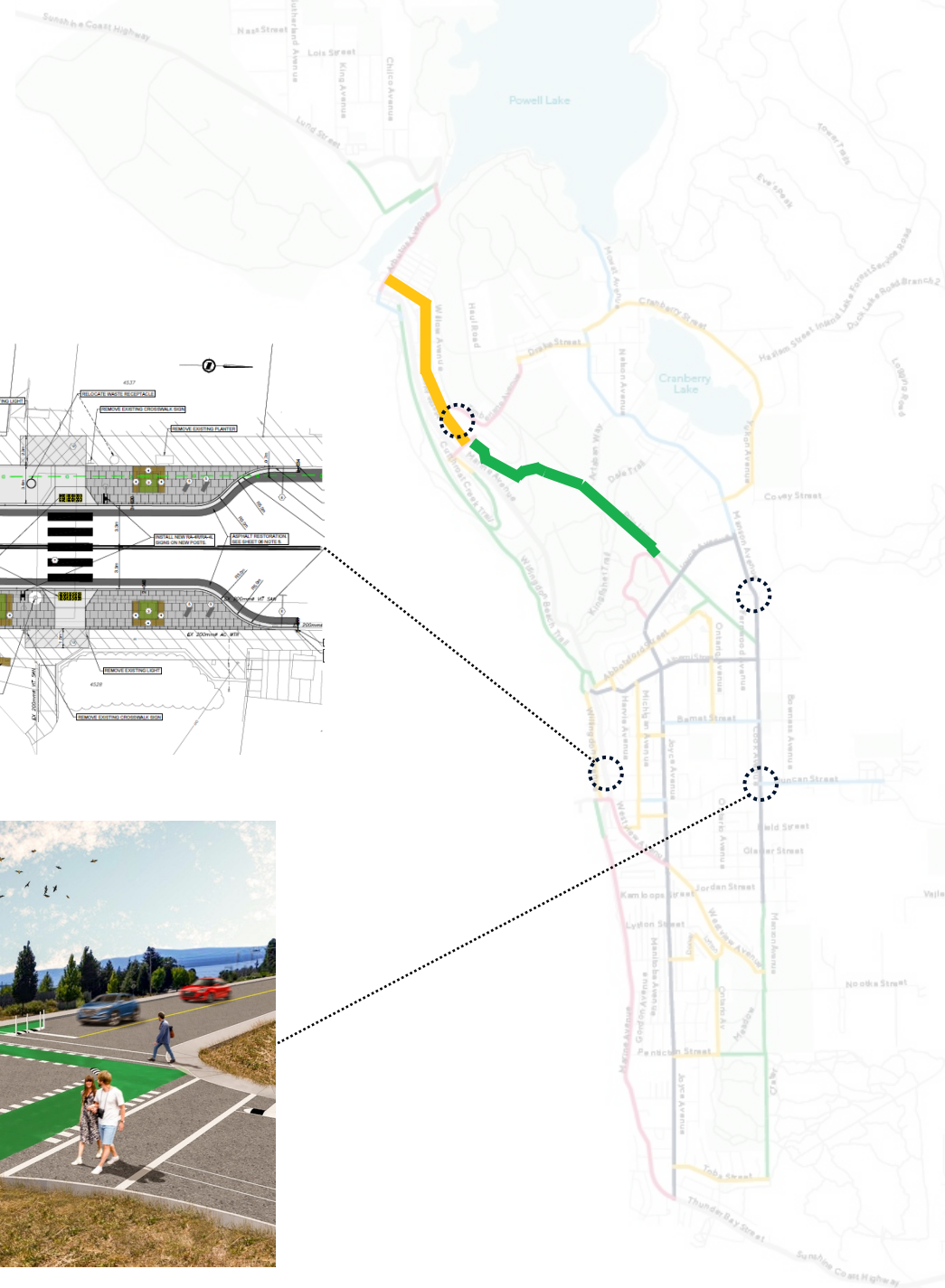
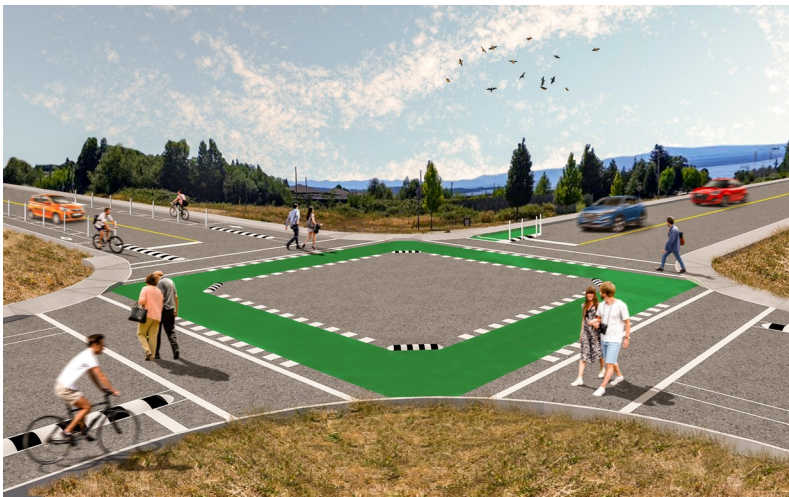
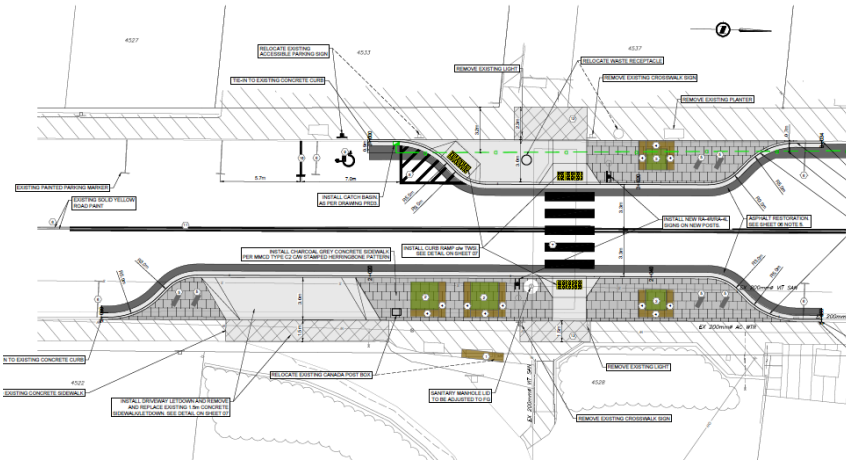
**POWELL RIVER**  
BICYCLE NETWORK STRATEGY

SEPTEMBER 2021



# Current AT Projects

- Vision Zero elementary school crosswalks
- Neighbourhood Bikeway
- Off-Road Multiuse Trail
- Highway Curb Extensions
- Upgraded 4-way stop



# Successes

- Bicycle Network Strategy & OCP
- Powell River Community Forest
- Strong local advocacy

# Challenges / Opportunities

- Local issues (parking)
- Shared Funding + Decision-Making with Province
- Funding Deadlines – takes longer to complete detailed design and procurement in more remote areas

# Local Government Remarks

## Metro Vancouver





# Accelerating Reductions in Transportation Emissions

## INITIATIVES AND ACCOMPLISHMENTS IN METRO VANCOUVER

Heather McNeill

Deputy Chief Administrative Officer, Policy and Planning

BC Clean Transportation Action Plan Workshop at Union of BC Municipalities (September 21, 2023)

**metrovan**couver





metrovancouver

23 Member Jurisdictions

2.8 Million Residents

53% of BC population





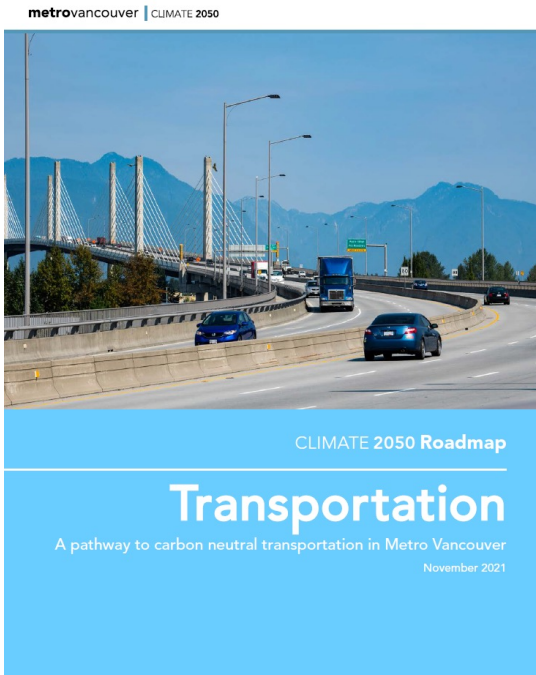
# COORDINATED TRANSPORTATION PLANNING IN THE REGION



*Metro 2050*



*Transport 2050*



*Climate 2050  
Transportation Roadmap*

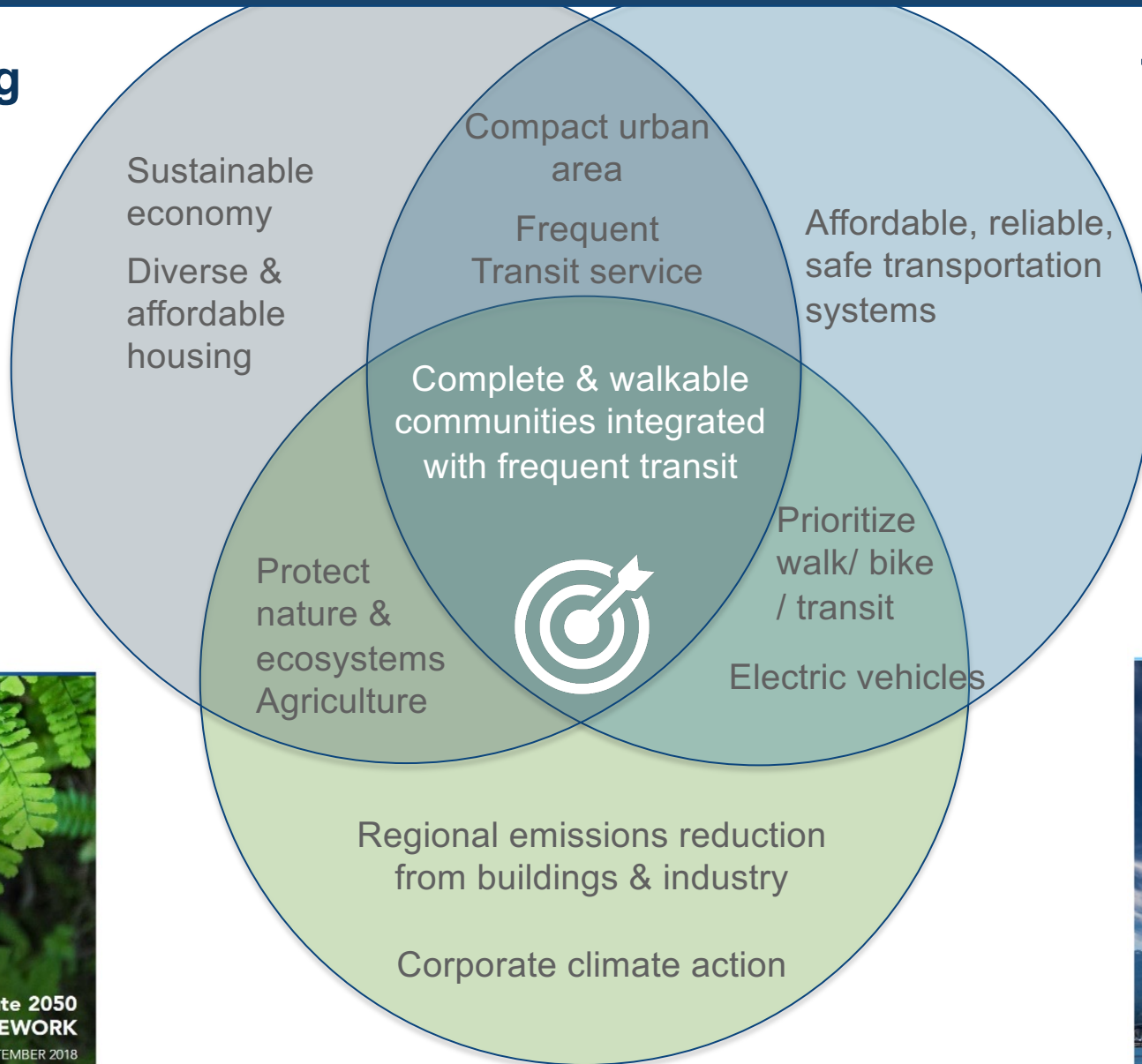
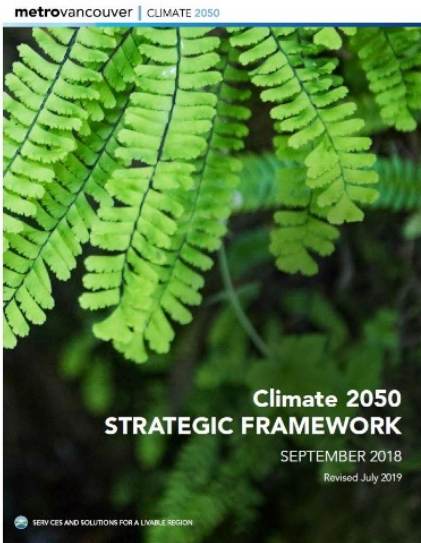


*Clean Air Plan*



**All plans commit to a 45% GHG reduction by 2030 and a Carbon-neutral Region by 2050**

# Land Use Planning



# Climate & Air Quality Planning

# Transportation Planning





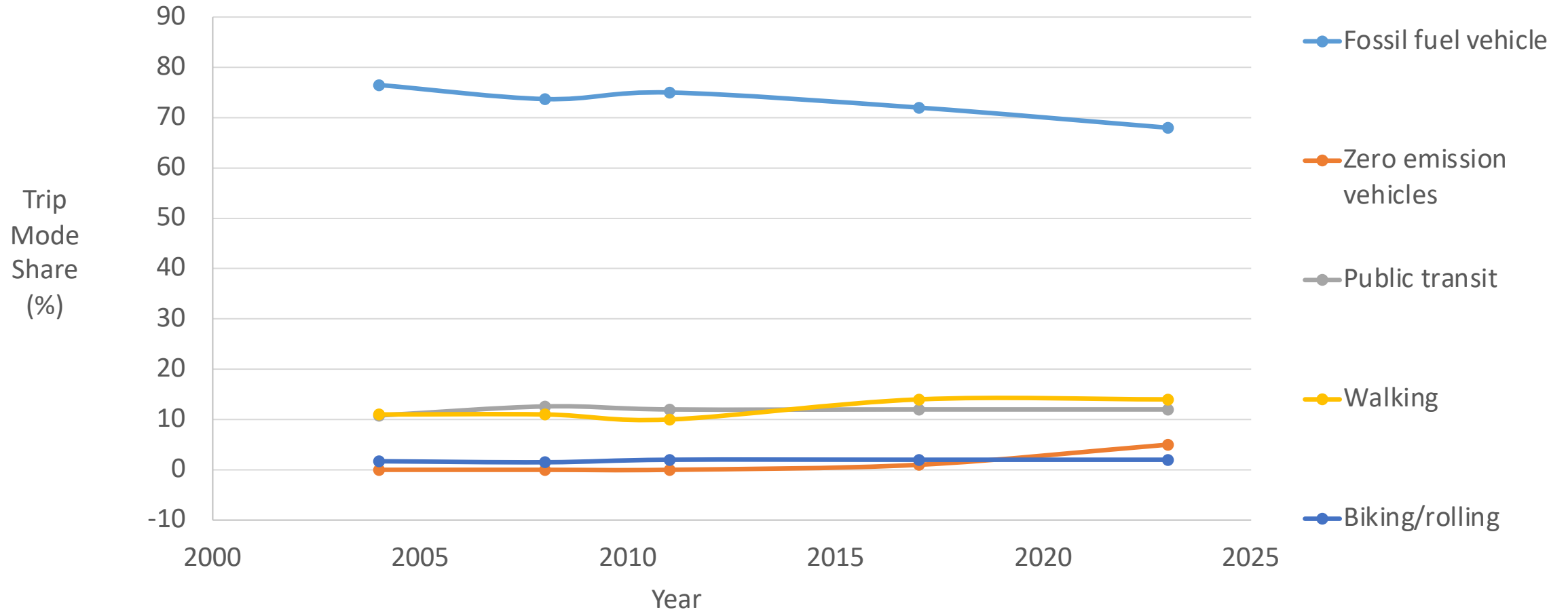
# KEY TRANSPORTATION STRATEGIES

*Metro 2050, Climate 2050 Transportation Roadmap and Clean Air Plan*

1. Build more compact, complete, mixed-use neighbourhoods (M2050)
2. Reduce driving through public transit and active transportation (TRM, CAP)
3. Accelerate transition to electric vehicles (TRM, CAP)
4. Target emissions from goods movement (TRM, CAP)

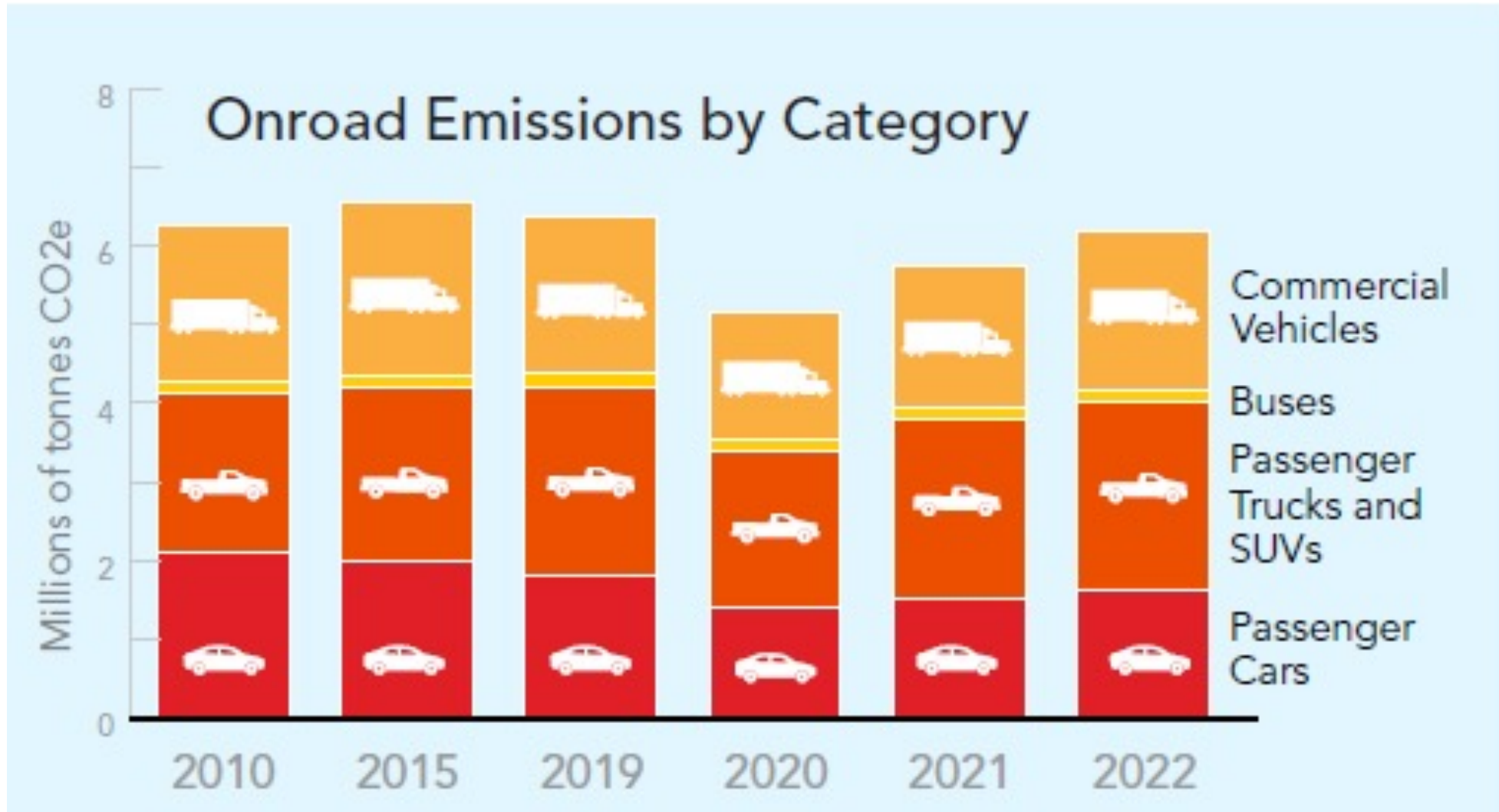


# PERSONAL TRAVEL IN METRO VANCOUVER REGION



\* 2023 data is preliminary

# REGIONAL EMISSIONS TRENDS



# WORKING TOGETHER TO REDUCE EMISSIONS

## Recent actions with partners

- Emotive electric vehicle experience
- Near-road air quality monitoring study
- Driving Down Emissions. Joint project between Metro Vancouver and TransLink aimed at identifying bundles of policies that will reduce GHG emissions from passenger vehicles by **65% by 2030**.

# WORKING TOGETHER TO REDUCE EMISSIONS

## Future directions:

- Study regional parking needs and EV charging infrastructure
- Implement regional policies for transportation emissions
- **Use Metro Vancouver's emissions authority to implement decisive actions this decade!**







**TOGETHER**  
WE MAKE OUR REGION  
**STRONG**

Thank you

**metrovancouver**



# Discussion: breakout tables

Divide into three groups to provide feedback/ideas on

1. Mode-shift: active transportation, public transit, goods movement
2. Zero-emission vehicles and low carbon fuels (personal and commercial)
3. Land use & development

For each of these areas:

- What are the priorities for your community?
- What support do you need to provide clean and affordable transportation options for residents and businesses?



**15 minutes per table x 3 topics**

**Facilitators remain and participants will travel between groups**



# Discussion



**cleanBC**  
our nature. our power. our future.

**CleanBC**  
**Roadmap to 2030**

# Q & A

[CleanTransport@gov.bc.ca](mailto:CleanTransport@gov.bc.ca)

# Salal Sexual Violence Support Centre

In appreciation of our speakers today and with thanks for your contribution, UBCM has made a donation to the Salal Sexual Violence Support Centre. The Salal Support Centre was founded 40 years ago, and is the largest sexual assault centre in British Columbia. They provide free-of-charge support services to survivors of sexualized violence