



Local Governments in the Decade of Climate Action

AVICC

April 2, 2022



Vancouver Island and Coastal Communities Climate Leadership Plan



Community Energy
Association



BC MUNICIPAL
CLIMATE
LEADERSHIP
COUNCIL

Introductions

Presenters:

- Lisa Helps, Mayor, City of Victoria
- Michelle Staples, Mayor, City of Duncan
- Maya Chorobik, Director of Climate Leadership, CEA
- Robyn Webb, Climate Solutions Lead, CEA

Discussion Facilitators: VICC members of BC Municipal Climate Leadership Council (BCMCLC) and VICC CLP steering committee members.



Introductions

- Partner up with someone you haven't met and introduce yourselves
 - What are your climate action priorities? (the remainder of this term and beyond)
(2 min each)
- Link up with another pair and introduce your partner
- Do you have some priorities in common?



Today's Session

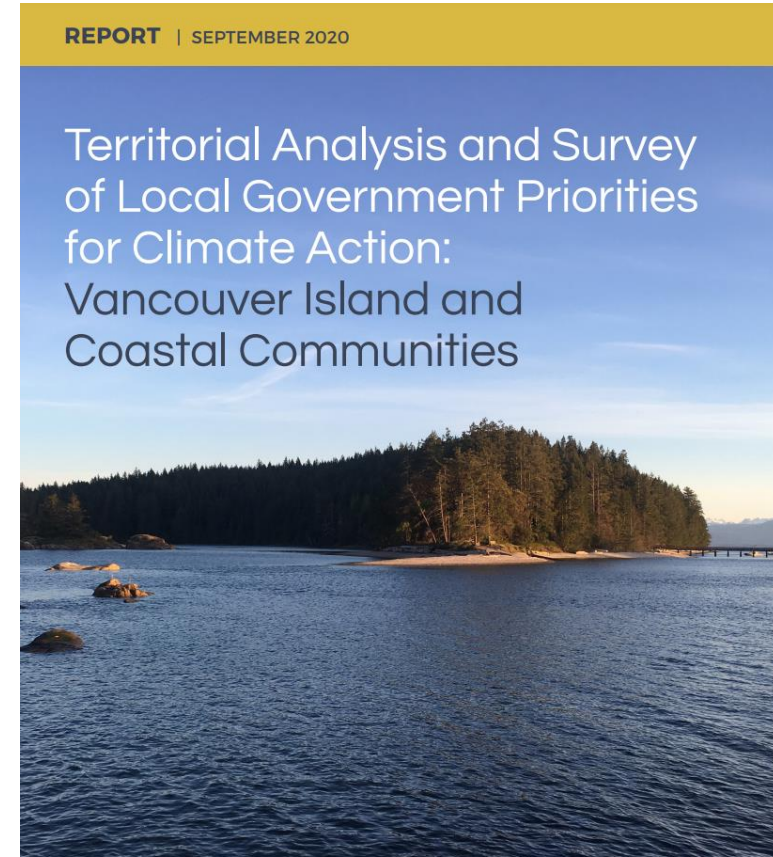
- Vancouver Island and Coastal Communities Climate Leadership Plan (VICC-CLP) Update
- Big Moves in the Decade of Climate Action
- Small Group Reflection – Regional Opportunities
- Regional Challenges and Potential Solutions
- Discussion at the Bard and Banker

Vancouver Island and Coastal Communities Climate Leadership Plan

Process:

- Community Resilience Summit – Fall 2020
- Territorial Analysis and Survey
- Youth Summit – Spring 2021

Current Priority: Engaging Indigenous communities



BC Municipal Climate Leadership Council



BCMCLC provides visible, inspiring local leadership on climate action. We support elected officials to step up to effective climate leadership and we engage our provincial government colleagues in a positive, non-partisan dialogue focused on collective action and cooperation.

LEAD

Provide visible, inspiring local leadership on climate change that goes beyond politics as usual.

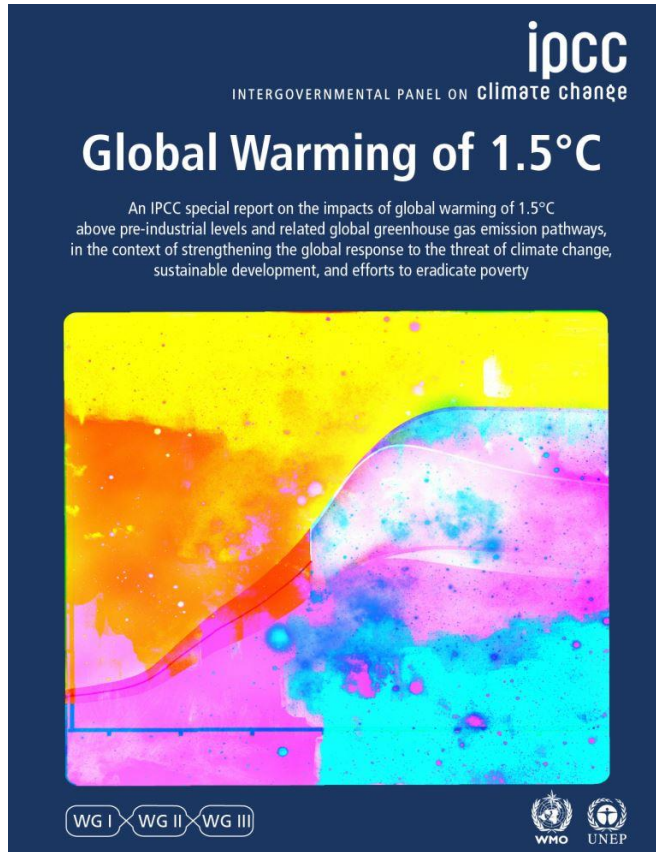
EDUCATE

Educate newly elected officials on the importance of, and value in, taking climate action.

ENGAGE

Be a positive non-partisan voice for climate action.

Scale of Action



2030



2050



What's in your Toolbox?

Infrastructure

Policy &
Regulation

Engagement &
Collaboration



Enable Choice

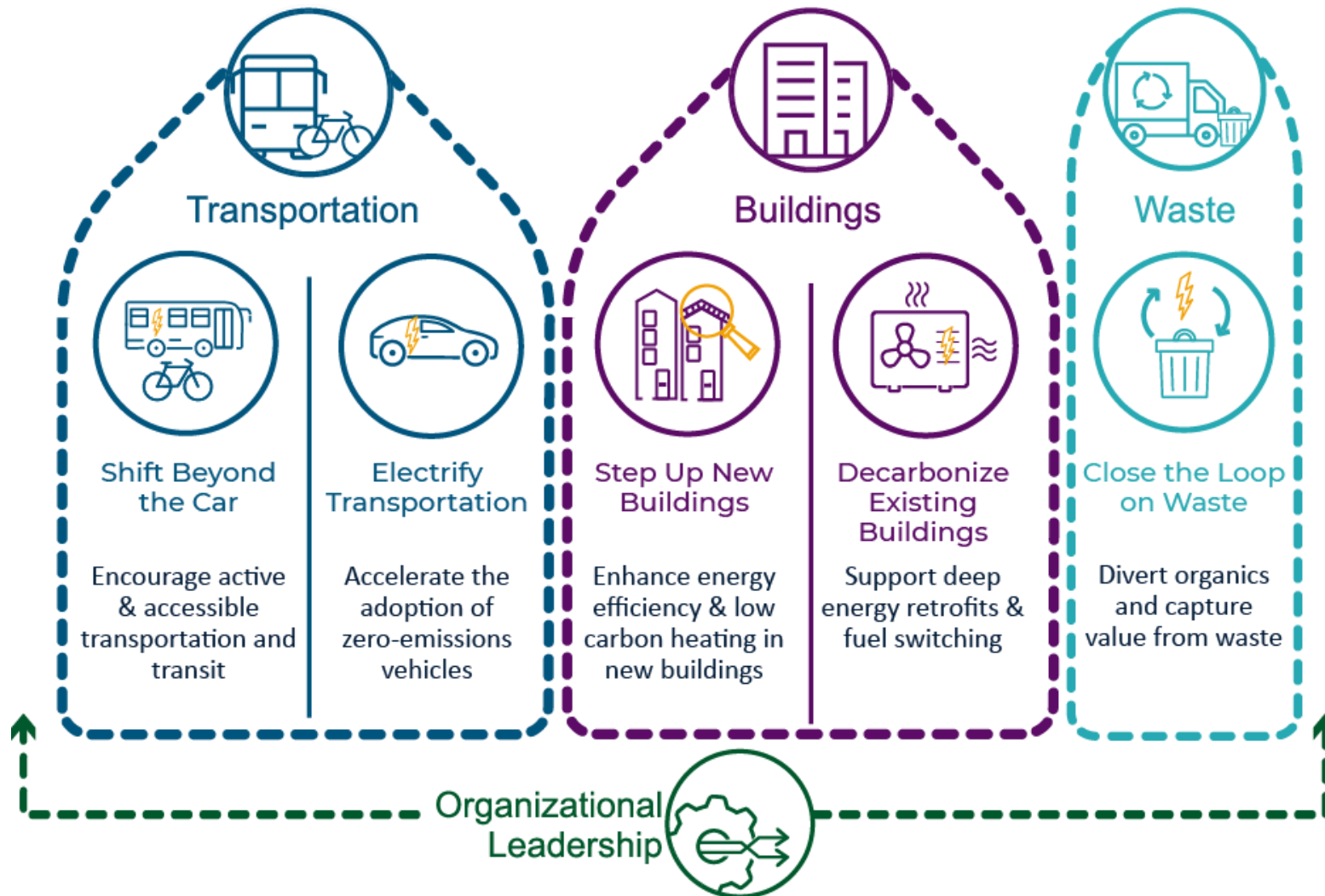


Shape Choice

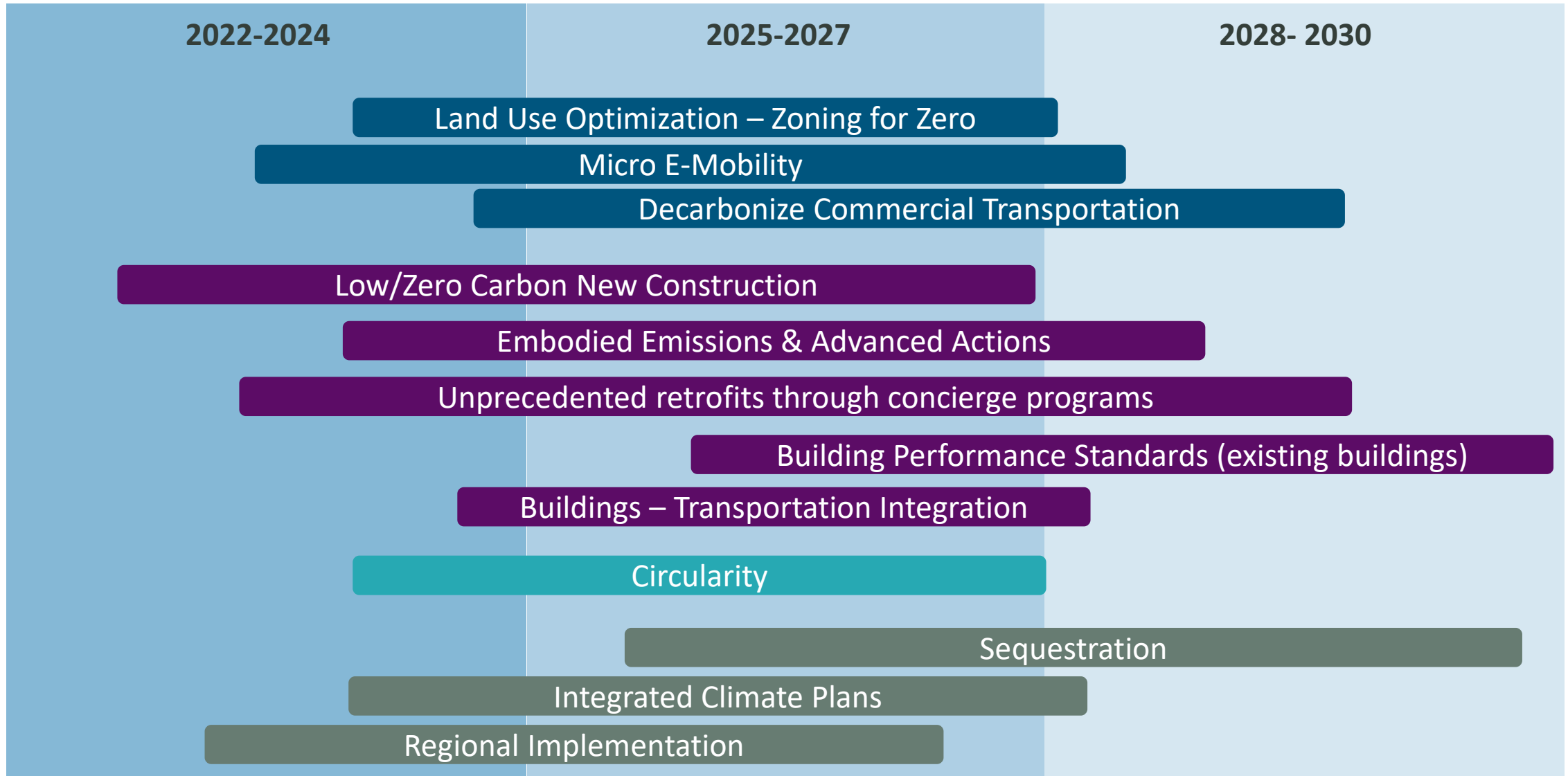


**Support
Choice**

The Big Moves



The Next Moves



VICC-CLP Priorities



1. Equity and Social Justice



2. Healthy Communities and Social Resilience



3. Food Security



4. Building Resilient Economies



5. Circular Economy



6. Resilient Infrastructure



7. Green Infrastructure



8. Buildings: Getting to net zero through retrofits and new builds



9. Decarbonized Transport



10. Active Transportation

Climate Solutions that Multi-Solve

Social Co-Benefits

 Enhances human health and well-being	 Supports local food security	 Limits tax increases
 Improves climate awareness and access to data and information	 Improves community livability and vitality	 Enhances local autonomy
 Advances equity and social inclusion	 Reduces congestion	 Improves public safety, disaster preparedness and response

Economic Co-Benefits

 Supports green job creation	 Diversifies local economy	 Reduces costs/ increases savings
 Fosters innovation and green, clean industries	 Supports clean energy transition	 Promotes a circular economy
 Reduces risks to property values	 Reduces waste/ optimizes resources	 Avoids community damages and costs over time

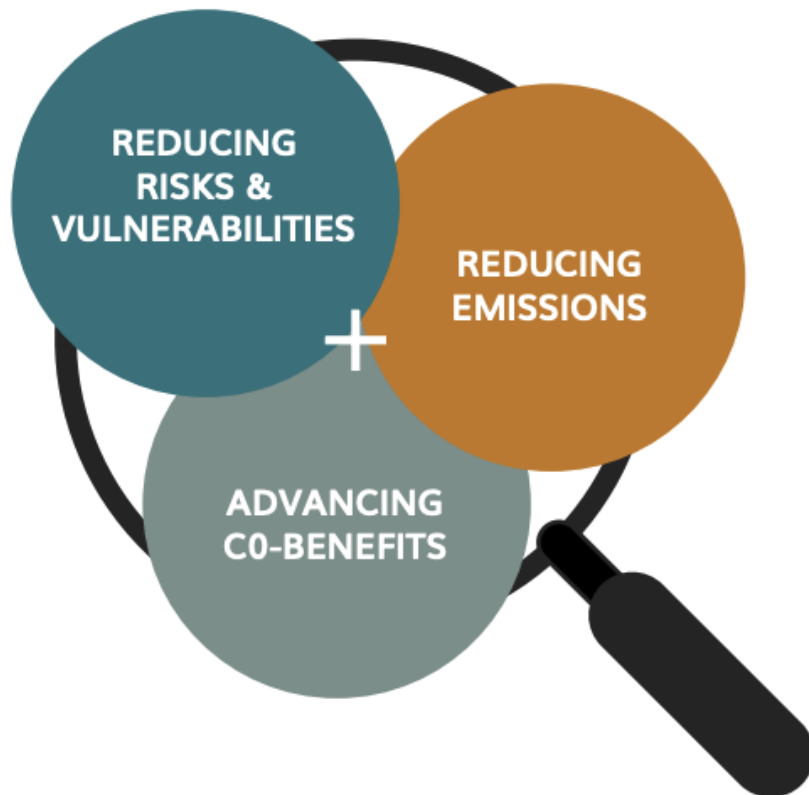
Environmental Co-Benefits

 Enhances biodiversity	 Supports habitat creation	 Improves water retention and absorption
 Enhances pollutant capture	 Improves air quality	 Reduces extreme temperatures
 Improves water quality	 Increases carbon sequestration/storage	 Promotes regional connectivity



LCR Lens

Low carbon resilience (LCR) is an approach to climate action that coordinates and mainstreams adaptation, mitigation, and co-benefits in decision-making processes.



- 1 CLIMATE RISK:** Does the proposed investment, project or action minimize community vulnerability to projected climate impacts such as flooding, wildfire, heat, and other extreme events?
- 2 EMISSIONS:** Does it measurably reduce corporate and community emissions, and help advance zero emissions reduction goals?
- 3 CO-BENEFITS:** Does it advance community resilience and sustainability goals such as health, equity, biodiversity, economic savings, and clean development?

CleanBC Roadmap to 2030

Low-carbon energy:

- Advancing clean electricity
- Requiring natural gas utilities to pursue renewable gas over fossil-based natural gas
- Implementing the BC hydrogen strategy

Buildings:

- Adding a carbon pollution standard to the BC Building Code that will require zero-carbon buildings by 2030
- Introducing home energy labelling for homes that are for sale
- Developing a low-carbon building materials strategy by 2023



Transportation:

- Encouraging a shift from vehicles to active transportation
- 10,000 public EV charging stations by 2030
- Accelerating adoption of zero-emission light-duty vehicles

Communities:

- Establishing a new funding program to support local government climate action (replacing CARIP)
- Supporting natural asset infrastructure
- Enhancing information about local emissions for local governments and Indigenous communities.

Transportation



Collaborative Action

Mid-Island EV Charging Network:

- Collaborative application to CleanBC Communities Fund
- Shared procurement and coordination

Capacity Building

EV Peer Network



Transportation



Collaborative Action – Powell River Active Transportation Initiative

High senior population with many senior residents who can no longer drive asking for better sidewalks, mobility scooter infrastructure, and better transit.

Completing its first All Ages and Abilities (AAA) cycling network plan. There are more and more electric bicycles on Powell River

Research around the world has shown that active transportation mode share is determined primarily by the quality of AT infrastructure.

"Can a small BC town achieve European-level cycling mode share with a complete, comfortable and attractive AAA network?"



Buildings



Collaborative Action

Design / Implementation

- Kootenay Clean Energy Transition
- Retrofit-Assist in south coast
 - Retrofit program design
 - Prototyping

Capacity

- Retrofit Peer Network
- Step Code Peer Network



Close the Loop on Waste



Collaborative Action - Deconstruction

Deconstruction is the systematic dismantling of a structure and building components, specifically for reuse, recycling, and responsible waste management.

“The value of Metro Vancouver’s salvaged wood would be approximately \$342 million per year” Vancouver Economic Commission

Green demolition or deconstruction bylaws

- Squamish
- Victoria
- Vancouver

VICC CLP Survey - Challenges

Staffing

Lack of Funding

Focus on Urban Based Solutions

Limited Data

Jurisdictional Authority – regional districts and lack of senior government support

Solutions

Staffing

- Regional District East Kootenays – half time staff member shared with CEA
- Peer networks – increase expertise
 - Electric vehicles
 - Retrofits
 - BC Energy Step Code

Lack of Funding

- Replacement for Climate Action Revenue incentive program will be more generous for small communities
- CEA – Clean Communities Fund support
- City of Victoria – climate action grant writer

Implementation Success Factors

Focus on Urban Based Solutions

RDCK – convening rural areas, RD building capacity, regional climate collaboration (100% renewable Kootenays)

Agricultural land and food security – RD's

Multi-regional collaboration for implementation (EV charging, on-demand transit, retrofits)

Limited Data

CEA – Climate Action Planner

BC Hydro – Retrofit Planning Tool

Climate Atlas – project climate impacts at different scenarios

Jurisdictional Authority – regional districts and lack of senior government support

- CRD Climate Action Service – explicit mandate and levy to support climate action (retrofits & EV charging network)
- Help Cities Lead – local advocacy campaign for expanded climate action powers

Implementation Success Factors

Incorporating	Budgeting	Monitoring	Convening	Reporting	Renewing
<p>Incorporate into other planning docs:</p> <ul style="list-style-type: none">• OCP• Strategic Plan• Active Transportation Strategy• Building Bylaw• Urban Forest Strategy	<p>Incorporate into budgeting process</p> <p>E.g. Climate action reserve funds</p>	<p>Monitor implementation, e.g.:</p> <p>Key Performance Indicators</p> <p>Indicators for specific departments</p>	<p>Regular formalized meetings to discuss implementation, e.g.:</p> <p>Committees of Council</p> <p>Staff committees</p> <p>Council advisory committees</p>	<p>Regular reports to Council, e.g.:</p> <p>Integrated with reporting on other plans</p>	<p>Prepare for plan renewal every 3-5 years</p>

OUR PROGRAMMING



The content foundation of local climate action, including six Big Moves.



For elected leaders who want to learn from experts and peers, there are options for 1-on-1 or small group coaching



An annual gathering of climate, sector and thought leaders to accelerate the best solutions to address climate change.



Local Elected Officials: Bring it Home in the Decade of Climate Action

Climate Leaders Institute

June 8-10, 2022

UBC Centre for Interactive
Research on Sustainability

bcclimateleaders.ca/cli

REGISTER NOW-NEW DATES!



an initiative of



and



After the Break



Meet in the lobby – 2:45pm

Walk to the pub – Bard and Banker

Session continues – 3:00-4:00

Resources

CEA Analysis of the Roadmap and More

Reports	Link
CARIP Use and Impact Assessment	https://www.communityenergy.ca/wp-content/uploads/dlm_uploads/2021/06/CARIP-Use-and-Impact-Assessment-Report.pdf
Report about the Roadmap: Implications for Local Governments and the Decade of Action	https://www.communityenergy.ca/local-governments-and-the-cleanbc-roadmap/
Press Release: Budget 2022 Boosts Funding for Local Climate Action	https://www.communityenergy.ca/budget-2022-boosts-funding-for-local-climate-action/