

Two Emergencies with One Stone

City of Vancouver

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Dale Littlejohn



Community Energy
Association



BC MUNICIPAL
CLIMATE
LEADERSHIP
COUNCIL

Rapid Presentation Agenda

1. Climate Emergency Priorities

1. Same as answer to 2nd question

2. Climate Emergency & Job Creation

1. Dining and dashing
2. Retrofit 2-step
3. Youth and Land

3. Advocacy – Can't do it alone, need funding & regulation

1. Climate-aligned stimulus and budget 2021
2. UBCM Climate Committee Draft Recommendations
 1. Buildings
 2. Transportation
 3. Waste
 4. Resilience
 5. Governance

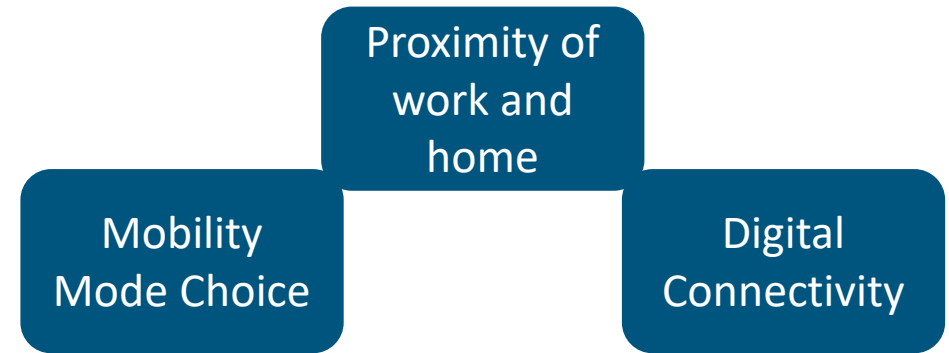
Dining and Dashing

COVID Physical Distancing Impacts

- Restaurants & Retail struggling
- Mode-shift away from transit

Policy Objectives

- Enable increased safe activity
- Counter short-term mode-shift away from transit and set up for long term emissions reductions



Solutions

- Road-space re-allocation
 - Dining patios
 - Active transportation / slow streets
 - Transit priority
- Active promotion and support for working at home and ensuring access to high speed internet

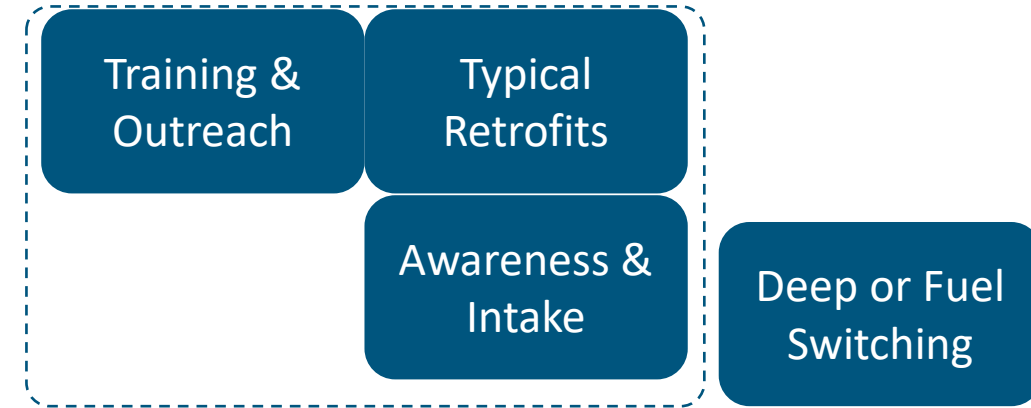
Building Retrofit 2-Step

COVID Physical Distancing Impacts

- Youth and less skilled workers unemployed

Policy Objectives

- Targeted job creation for less skilled workers
- Set up for deep emissions reductions in buildings



Solutions

- Contractor engagement and youth training for insulation / draft proofing
- Youth employment on neighborhood level social mobilization on retrofits
- Typical retrofits as marketing for deep retrofits or fuel switching

Youth on the Land

COVID Physical Distancing Impacts

- Youth and less skilled workers unemployed
- Increased visibility of fragility of food supply-chain

Policy Objectives

- Targeted job creation for less skilled workers
- Increased local food
- Manage risks related to climate change

Training

Land-based
work

Solutions

- Firesmart treatments in community and surrounding area
- Natural asset and green infrastructure restoration / management
- New opportunities for local farms and supporting existing farms

BC Climate-Aligned Stimulus Working Group

184 Potential Projects

3 Stages of Readiness

68 Concept
25 Feasibility
55 Shovel-Ready

Region		Sector		Project Type	
Vancouver Island	42	Buildings	48	Capital	137
Lower Mainland	85	Transportation	30	Programmatic	47
Okanagan	5	Transit	15	60+ new projects received in recent days.	
Kootenays	7	Waste	10		
North Central	9	Clean Energy	52	Estimated Value of Projects \$1.4 Billion (+ Transit \$4.4 Billion)	
North West	17	Adaptation	10		
Province-Wide	12	Nature-Based Solutions	14		

BUILDINGS

Over the next ten years support a partnership between the provincial and federal government to:

- Build 100,000 new affordable housing units that are zero-emission and wood constructed
- Retrofit 500,000 buildings, with at least half being zero-emissions



TRANSPORTATION

Advocate for an initiative, or in partnership with provincial and federal governments, build out a world-class low-carbon vehicle charging network for B.C. by 2030, including:

- 300,000 Level 2 EV home chargers
- 50,000 workplace charging units
- 30,000 community charging stations for low carbon vehicles (including 5,000 “fast-charging stations”, strategically located throughout B.C.
- retrofitting apartment and condo parking with at least 50% of EV-supported stalls



WASTE MANAGEMENT

By 2030:

- B.C. communities manage their solid waste and liquid waste as resources
- Maximizing opportunities to generate clean energy and find new ways to use what is now considered to be waste as a resource



RESILIENCE



Work with the Province to ensure that all B.C. local governments have the tools and resources to adopt risk assessments and associated long-term capital plans by 2030.

SOCIAL MOBILIZATION

Facilitate with the Province and NGOs a competition to select 10 different trial communities to **engage their citizens** on local climate action:

- Each community would select up to 10 neighbourhoods to host up to 10 climate champions, each of whom would engage at least 20 households in climate action



GOVERNANCE

UBCM should work with the Province to renew the Climate Action Charter through a re-energized **Green Communities Committee** focused on:

- Joint UBCM/provincial mitigation efforts to reduce emissions from buildings, vehicles and waste
- A structure for effective adaptation
- Recognition of regional diversity and building the future low carbon economy
- New decision-making tools for local governments



Thank you



Dale Littlejohn

dlittlejoh@communityenergy.bc.ca

www.communityenergy.bc.ca