2020 Declaration for Resilience in Metro Vancouver Communities

A CALL TO ACTION TO BUILD A RESILIENT FUTURE

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COVID-19 Response Task Force | October 20, 2020
Pandemic has highlighted the importance of developing resilience at the local government level
20 recommended actions for cities to improve resilience to multiple different threats and stressors.

3 broad categories:
1. Responsible Use of land
2. Decarbonization of our Transportation Systems
3. Sustainability in our Built and Natural Environments
2020 Declaration for Resilience in Canadian Cities

- A strong starting place, opportunity to add recommended actions and regionalize
- Over 1000 signatories to date
- Interest from federal funding partners
- Participate in national dialogue and show leadership
COVID-19 Response Task Force

JUNE 3, 2020 RESOLUTION

That the COVID-19 Response Task Force refer the 2020 Declaration for Resilience in Canadian Cities to the Regional Planning Committee to:

a) consider how best to participate in the national planning dialogue underway to advance the 2020 Declaration,

b) engage with member jurisdictions and TransLink to set the actions in the 2020 Declaration in a regional context and consider how to integrate the actions through supportive regional policies in *Metro 2050*, *Climate 2050* and *Transport 2050*, and

c) report back to the Task Force with a recommendation regarding endorsement
Engagement

Engagement with:
- RPAC – June 19 & July 17
- Climate Action Committee – June 19
- TransLink staff
- Air Quality and Climate Change staff

Drafted revisions to ‘regionalize’
- 30 actions
- new actions reflect regional priorities
- stay true to national efforts

Regional Planning Committee – June, September and October
Intent of 2020 Declaration for Metro Vancouver Communities

- A call to action
- Each government or agency to work towards within the context of their own community and mandate
  - 11 actions already established in regional policy
  - 15 actions already established in some municipalities,
  - 4 actions are new in this region
- Seek opportunities to integrate into Metro 2050, Climate 2050, and Transport 2050 where appropriate
Responding to Regional Planning Committee Feedback on September 11, 2020

• Updated the *2020 Declaration for Metro Vancouver Communities* to reflect committee comments
• Preamble added to clarify intent as higher level call for action and collective responsibility
• Categorized actions to clarify accountability
• Demonstrated how actions could be integrated into *Metro 2050 and Climate 2050*
Pandemic puts cities at risk of going backwards …
... but also presents significant opportunities

COVID-19 Response Task Force
Thank you
<table>
<thead>
<tr>
<th>2020 Action</th>
<th>Potential policy language for Metro 2050</th>
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<tbody>
<tr>
<td>Gentle density</td>
<td>…adopt RCSs that include policies that <strong>encourage</strong> (or require, or set targets for) infill development and gentle density in transit-adjacent areas (e.g. 800-1500 m from frequent transit)</td>
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<tr>
<td>15% affordable housing in transit-adjacent areas</td>
<td>…adopt RCSs that include policies that support achieving a minimum affordable housing <strong>target</strong> of 15% in multi-family residential development in transit adjacent locations (e.g. up to 800m from frequent transit)</td>
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<tr>
<td>40% urban tree canopy</td>
<td>…adopt RCSs that include policies that support the region achieving a 40% urban tree canopy cover (or that set a municipal target to support…)</td>
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<tr>
<td>Carbon neutrality in large buildings</td>
<td>…adopt RCSs that define “large buildings” and include policies that direct “large buildings” to Urban Centres or appropriate locations along the Frequent Transit Network. <strong>Or</strong>… Consider climate change impacts in the siting and standards for “large buildings” <strong>or</strong>… Set the building energy performance target for “large buildings” to “carbon neutral….”</td>
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</tbody>
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Testing of COVID-19 in Wastewater

Peter Navratil
GENERAL MANAGER, LIQUID WASTE SERVICES

COVID-19 Response Task Force Meeting - October 20, 2020

COVID-19 Response Task Force
Project Purpose

- Early warning system
- Fate of COVID-19 virus in wastewater treatment process
Project Status

- Found COVID-19 virus in influent samples from Annacis Island wastewater treatment plant
- Expanding sampling to all plants
- Considering flow and other factors for regional picture
MV Participating in Major Canadian Initiatives

Canadian Wastewater Survey (CWS)

A new way to monitor COVID-19

Wastewater-based epidemiology has been used in recent years to monitor the presence of drugs or disease agents in communities. Across the globe, in countries like the Netherlands, Australia and Italy, researchers are finding signs of the SARS-CoV-2 virus in community wastewater samples. These results can augment clinical testing of individuals by public health authorities and potentially serve as an early warning for a second wave of illness.

Canadian researchers, laboratories, wastewater utilities and public health authorities are now participating in this important research effort. A coordinated response is needed in Canada, particularly as provincial and territorial restrictions are eased. The COVID-19 Wastewater Coalition is sharing critical knowledge to accelerate progress and ensure that the results will be scientifically rigorous and useful to public health authorities.

"Helping Canada to better address and assess what is needed and what the reliable use of the technique could look like is the fundamental rationale for the Canadian COVID-19 Wastewater Coalition."

Steve E. Hrudey et al., June 2020 Royal Society of Canada COVID-19 Series | Publication #33

COVID-19 Response Task Force
Anticipated Timeline

- Both initiatives are progressing as fast as possible
- Developing a consistent testing methodology for Federal reporting
- Hoping to understand MV regional concentration levels by end of year and report out in Q1
Questions