Update to the District of North Vancouver

Duncan Wilson
Vice-President, Corporate Social Responsibility

January 15, 2018
Port authority mandate and role

- Facilitate Canada’s trade
- Balance efficient port operations with environmental protection and regard for community
- Work for the benefit of all Canadians
About the Port of Vancouver

• Canada’s largest and most diversified port
• $129 million in municipal taxes
• 115,000 jobs across Canada

In the District of North Vancouver
• 8,700 direct and indirect jobs
• $800 million GDP
• $6.8 million municipal taxes to DNV
Our vision

HEALTHY environment

THRIVING communities

To be the world's most sustainable port

ECONOMIC PROSPERITY THROUGH trade
Air emissions inventory

- Estimates air emissions from marine, rail, on-road, non-road and administrative activities
- Includes air pollutants, greenhouse gases, energy usage
- Conducted every five years
Air pollutant emissions (total)
Greenhouse gases (total)

GHG emissions and cargo throughput, 2010-2030

- Total GHGs
- Marine
- Rail
- On-road
- Non-road
- Administrative
- Cargo throughput
Greenhouse gases (per tonne of cargo)

GHG emission intensity, 2010-2030

GHG intensity (as kg CO₂e per tonne cargo throughput)

- 2010
- 2015
- 2020
- 2025
- 2030

Projected
Environmental initiatives

- EcoAction Program and Blue Circle Award
- Shore power for cruise ships
- Shore power for container ships (new)
- Northwest Ports Clean Air Strategy
- Non-Road Diesel Emissions Program
- Container trucking strategy
Habitat Enhancement Program: Proposed Maplewood Marine Restoration Project

• Habitat Enhancement Program proactively creates and enhances fish and wildlife habitat
• Balances future infrastructure development opportunities with a healthy environment
• 13 habitat sites completed since 2013 (10 hectares)

~4.5 hectare size area within northeast basin
Maplewood Mudflats
Historic aerials (1946 & 1963)
Proposed Maplewood Marine Restoration Project
Preliminary concept – artist’s illustration
### Vacant trade-enabling land (2015)

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Owner</th>
<th>Port Owned</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coquitlam</td>
<td>72</td>
<td>0</td>
<td>72</td>
</tr>
<tr>
<td>Delta</td>
<td>188</td>
<td>7</td>
<td>195</td>
</tr>
<tr>
<td>Langley Township</td>
<td>43</td>
<td>0</td>
<td>43</td>
</tr>
<tr>
<td>New Westminster</td>
<td></td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>Pitt Meadows</td>
<td>117</td>
<td>0</td>
<td>117</td>
</tr>
<tr>
<td>Richmond</td>
<td>231</td>
<td>36</td>
<td>267</td>
</tr>
<tr>
<td>Surrey</td>
<td>28</td>
<td>0</td>
<td>28</td>
</tr>
<tr>
<td>Tsawwassen First Nation</td>
<td>317</td>
<td>0</td>
<td>317</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>995</strong></td>
<td><strong>72</strong></td>
<td><strong>1,067</strong></td>
</tr>
</tbody>
</table>

**Note:** The map and table provide an overview of vacant trade-enabling land in various municipalities in 2015. The data includes the area in acres (ac) and the ownership details.
Industrial land shortage

- Important discussions are needed to address this issue
- Scarce land means that residential, commercial and industrial uses will need to densify
- Draft bylaw 8158 will prevent industry from using land effectively
- Collaboration is needed to plan for future growth
Thank you

www.portvancouver.com

Duncan Wilson, VP, Corporate Social Responsibility
duncan.wilson@portvancouver.com

Naomi Horsford, Municipal Executive Liaison
naomi.horsford@portvancouver.com

Frances Tang–Graham, Municipal Liaison
frances.tang-graham@portvancouver.com