Committee Background

- September 2014 AVICC hosted a workshop of 9 Regional Districts
- Shared experiences and best practices, and identified some uncertainties facing members:
  - inability to locate disposal facilities and control waste flows
  - funding models dependent upon maintaining waste streams
  - successful diversion strategies impacting disposal volumes
  - transportation and disposal security issues
  - new technologies available with economies of scale
  - significant regulatory and long-term liability costs
- Desire to work together on a regional solution
Committee Background

• In consultation with CAOs from each RD, Terms of Reference were drafted for the Committee.
• At the inaugural meeting in May, elected members confirmed the Terms of Reference and work plan.
• Committee membership includes one member and alternate from the AVICC executive; the AIVCC President (ex-officio); and one appointment and alternate from each AVICC regional district board.
Regional Solid Waste Management

Figure 6: Per Capita Disposal, Recycling, and Organics Diversion
Disposal Overview

• Population: 800,000

• Population Distribution: 88% in 4 RD’s

• Disposal (2013): 325,000 kg/c

• Disposal per capita*: 403 kg/c
  – Range: 286 – 699 kg
  – BC Average (2012): 570 kg/c

• Tipping fees (average): $133/tonne
  – Range: $95 to $215/tonne

*C&D disposal figures not complete
Disposal per Capita

Average = 406 kg/c
Target = 350 kg/c
Tipping Fees

Total disposal cost (tipping fee x garbage tonnage) = $38.8 million
Recycling per Capita

![Bar Chart: Recycling per Capita](Image)

- Alberni-Clayoquot
- Capital
- Comox Strathcona
- Cowichan Valley
- Mount Waddington
- Nanaimo
- Powell River
- Sunshine Coast

Kg
Solid Waste Management Plan

Year of Approval

<table>
<thead>
<tr>
<th>Region</th>
<th>Year of Approval</th>
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<tbody>
<tr>
<td>Comox Strathcona</td>
<td>1985</td>
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<tr>
<td>Sunshine Coast</td>
<td>1990</td>
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<tr>
<td>Alberni-Clayoquot</td>
<td>1995</td>
</tr>
<tr>
<td>Cowichan Valley</td>
<td>2000</td>
</tr>
<tr>
<td>Nanaimo</td>
<td>2005</td>
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<td>Powell River</td>
<td>2010</td>
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<td>Mount Waddington</td>
<td>2015</td>
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<td>Capital</td>
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New Plan:
- Phase 1: Mount Waddington
- Phase 2: Capital
- Phase 3: Comox Strathcona, Sunshine Coast, Alberni-Clayoquot, Cowichan Valley, Nanaimo, Powell River
Alberni – Clayoquot Regional District

- SWMP Approved: 2008
- Population: 30,876
- Per Capita Disposal: 699 kg/yr
- Diversion Rate: 22%
- Tipping Fee: $95 /t
- Disposal Capacity: 70 yrs

- Garbage: 21,597 t
- Recycling: 4,700 t
- Organics (yard): 409 t
<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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<tr>
<td>SWMP Approved</td>
<td>1995*</td>
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<tr>
<td>Population</td>
<td>372,463</td>
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<tr>
<td>Per Capita Disposal</td>
<td>368 kg/yr</td>
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<tr>
<td>Diversion Rate</td>
<td>52%</td>
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<tr>
<td>Tipping Fee</td>
<td>$107 /t</td>
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<tr>
<td>Disposal Capacity</td>
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<tr>
<td>Garbage</td>
<td>137,118 t</td>
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<tr>
<td>Recycling</td>
<td>132,057 t</td>
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<td>Organics (yard)</td>
<td>15,219 t</td>
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## Comox Strathcona Waste Management

<table>
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<th>Category</th>
<th>Value</th>
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<tr>
<td>SWMP Approved</td>
<td>2013</td>
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<td>Population</td>
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<tr>
<td>Per Capita Disposal</td>
<td>610 kg/yr</td>
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<td>Diversion Rate</td>
<td>51%</td>
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<td>Tipping Fee</td>
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<td>Garbage</td>
<td>64,292 t</td>
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<tr>
<td>Recycling</td>
<td>62,436 t</td>
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<td>Organics (yard)</td>
<td>4,690 t</td>
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Cowichan Valley Regional District

- SWMP Approved: 1995*
- Population: 81,704
- Per Capita Disposal: 286 kg/yr
- Diversion Rate: 74%
- Tipping Fee: $140/t
- Disposal Capacity: 0 yrs*

- Garbage: 23,333 t
- Recycling: 66,918 t
- Organics (yard): 11,356 t
Mount Waddington Regional District

- SWMP Approved: 1996*
- Population: 11,523
- Per Capita Disposal: 600 kg/yr
- Diversion Rate: 32%
- Tipping Fee: $115 /t
- Disposal Capacity: 70 yrs

- Garbage: 6,243 t
- Recycling: 986 t
- Organics (yard): 2,011 t
Regional District of Nanaimo

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<th>Description</th>
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<tr>
<td>SWMP Approved</td>
<td>2004*</td>
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<tr>
<td>Population</td>
<td>150,040</td>
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<tr>
<td>Per Capita Disposal</td>
<td>335 kg/yr</td>
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<td>Diversion Rate</td>
<td>68%</td>
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<td>Tipping Fee</td>
<td>$125 /t</td>
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<td>Disposal Capacity</td>
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- Garbage: 52,237 t
- Recycling: 86,603 t
- Organics (yard): 26,250 t
Powell River Regional District

- SWMP Approved: 1996*
- Population: 19,906
- Per Capita Disposal: 510 kg/yr
- Diversion Rate: 41%
- Tipping Fee: $215 /t
- Disposal Capacity: 0 yrs

- Garbage: 10,623 t
- Recycling: 5,367 t
- Organics (yard): 1,950 t
Sunshine Coast Regional District

- SWMP Approved: 2011
- Population: 29,584
- Per Capita Disposal: 352 kg/yr
- Diversion Rate: 50%
- Tipping Fee: $150 /t
- Disposal Capacity: 15-20 yrs

- Garbage: 10,229 t
- Recycling: 5,563 t
- Organics (yard): 3,318 t
Costs

Figure 9: Breakdown of Contributing Revenue Sources for Regional District Solid Waste Management Operating Budgets
2016 Convention Resolution

WHEREAS Regional Districts in British Columbia are mandated by the Provincial Environment Management Act to manage solid waste;
AND WHEREAS communities face challenges providing long term sustainability for waste management on Vancouver Island and the Sunshine Coast;
AND WHEREAS the Association of Vancouver Island and Coastal Communities’ (AVICC) special committee on solid waste management, with representatives from nine regional districts, was formed in 2015 to research, prepare and present the findings and recommendations to the 2016 convention;
2016 Convention Resolution

THEREFORE BE IT RESOLVED THAT the AVICC endorses and supports the special committee on solid waste areas of work being Partnership; Advocacy; Long-term Disposal; Regulations and Enforcement and the 2016 action plan being;

– Partnership - Develop a vision and goals including a communication strategy and a unified education program.

– Partnership – continue to meet regularly – identify one solid waste challenge or opportunity to investigate at each meeting, and establish a process to maintain and update the 2015 baseline report.

– Advocacy – engage the British Columbia Ministry of Environment and industry groups to review and expand waste reduction and diversion policies.
2016 Convention Resolution

– Long-term Disposal – conduct an assessment to forecast future solid waste disposal demand of AVICC member populations in twenty, forty and sixty years’ time.

– Regulations and Enforcement – ensure that, where practicable, disposal bans and bylaws are consistent across regions to reduce leakage across borders.

AND FINALLY THAT the special committee on solid waste management report back to the 2017 convention on outcomes.
Open Discussion

• Discuss the opportunities and challenges
Next Steps

• Resolution coming forward for support of membership
• Report resolution and findings to Province