

RDN Solid Waste Management Plan



Stage 2 Highlights

Planning for the Future of Our Waste

Vancouver Island Strata Owners Association
April 2, 2017



Updating Our SWMP

Stage 1
2013-2014

Review Existing
Waste System

Stage 2
2015-2017
In progress

Advisory Committee assessed
ideas and options
Newsletter to all homes
Region-Wide survey
Meetings with Key Groups and
Businesses
Short-list of preferred options
***Consult with key stakeholders
on preferred options.***

Stage 3
2017

Set Timeline &
Finances

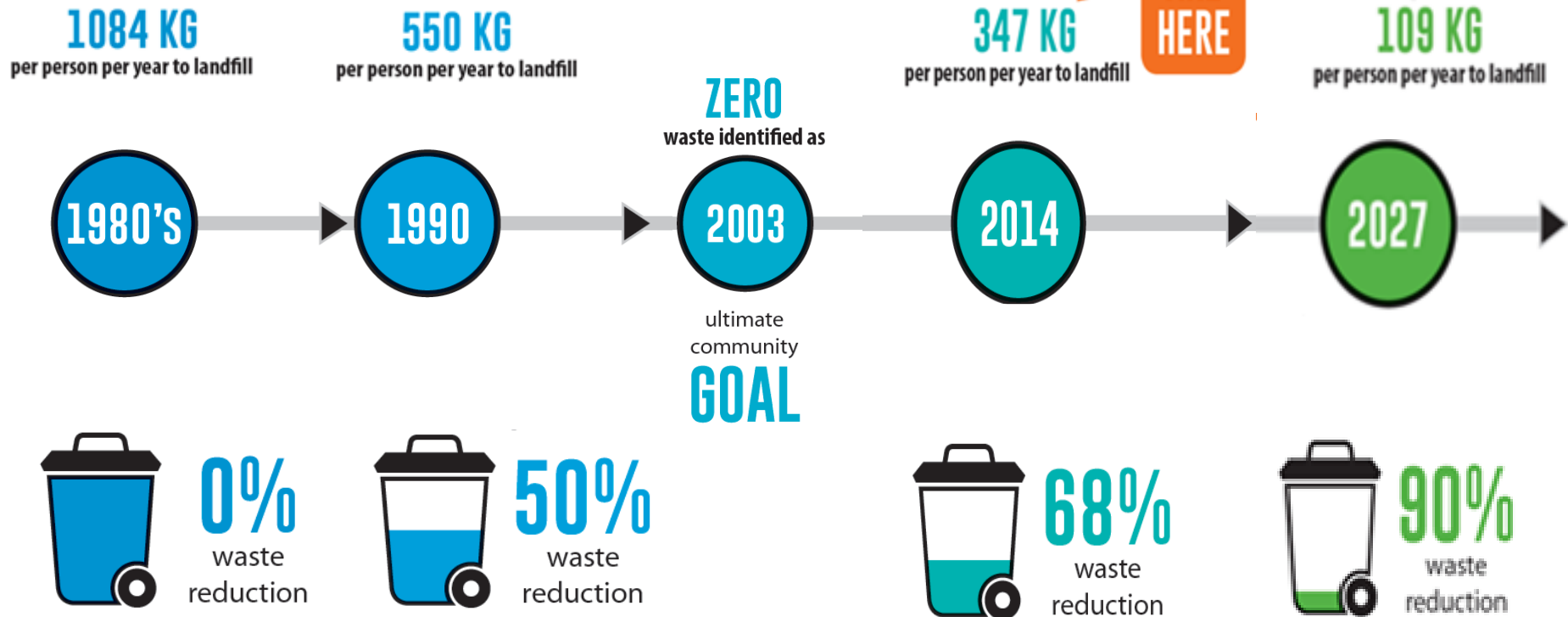
RDN Board
Approval

***Seek Minister
Approval***

2017-2027

Implementation
and Monitoring

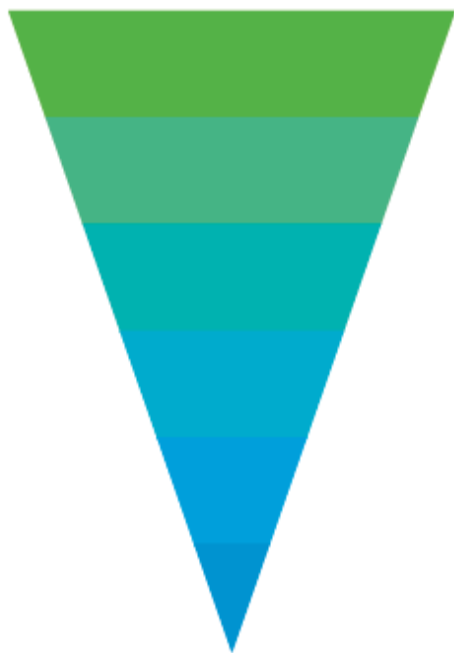
Where are We Now?



Options Investigated

- *Future Waste Generation Projections*
- *Extended Producer Responsibility Options*
- *Recycling and End Uses*
- *Landfill Tip Fee Analysis*
- *RDN Authority to Regulate Municipal Waste*
- *Disposal Facility Future Cost Projections*
- *Multi Material Recycling Technologies*
- *Authorities Provided Through an Approved SWMP*
- *Regulatory Tools to Promote Diversion*
- *Compliance and Enforcement at Curbside*
- *Non-deposit Glass at Curbside*
- *Yard and Garden Waste at Curbside*
- *Share Sheds at Regional Facilities*
- *EPR Stewardship Depots at Regional Facilities*
- *Jurisdictional Scan of Waste Diversion Programs*
- *Zero Waste Policy*
- *ICI and Multi-Family Diversion*
- *ICI and Multi-Family Collection*
- *Demolition and Land Clearing Debris*
- *Special Drop Off Days*
- *Solid Waste Management Education*
- *Household Hazardous Waste*
- *Authority to Regulate Consumer Products*
- *Residual Management Assessment*

Defining Zero Waste



ZW Hierarchy of Highest & Best Uses

- Reduce, Refuse & Return
- End Subsidies for Wasting
- Product & Packaging Redesign
- Clean Production & Takebacks
- Reuse, Repair & Remanufacture
- Recycle, Compost & Digest
- Regulate (Bans, Biological energy recovery, landfills with pre-processing)
- Not OK: Incineration, Bioreactor Landfills

Reaching Our Target

6%

- Collaborate with and convince governments, manufacturers and others to reduce waste

6%

- Enhance existing education and enforcement programs

10%

- Introduce new regulations

Education & Enforcement

PROPOSED:



Enhance Education
& Enforcement for
Commercial Sector



COST ESTIMATE: \$100,000 education
\$100,000 enforcement

Enhance existing
public education
for Zero Waste




\$40,000

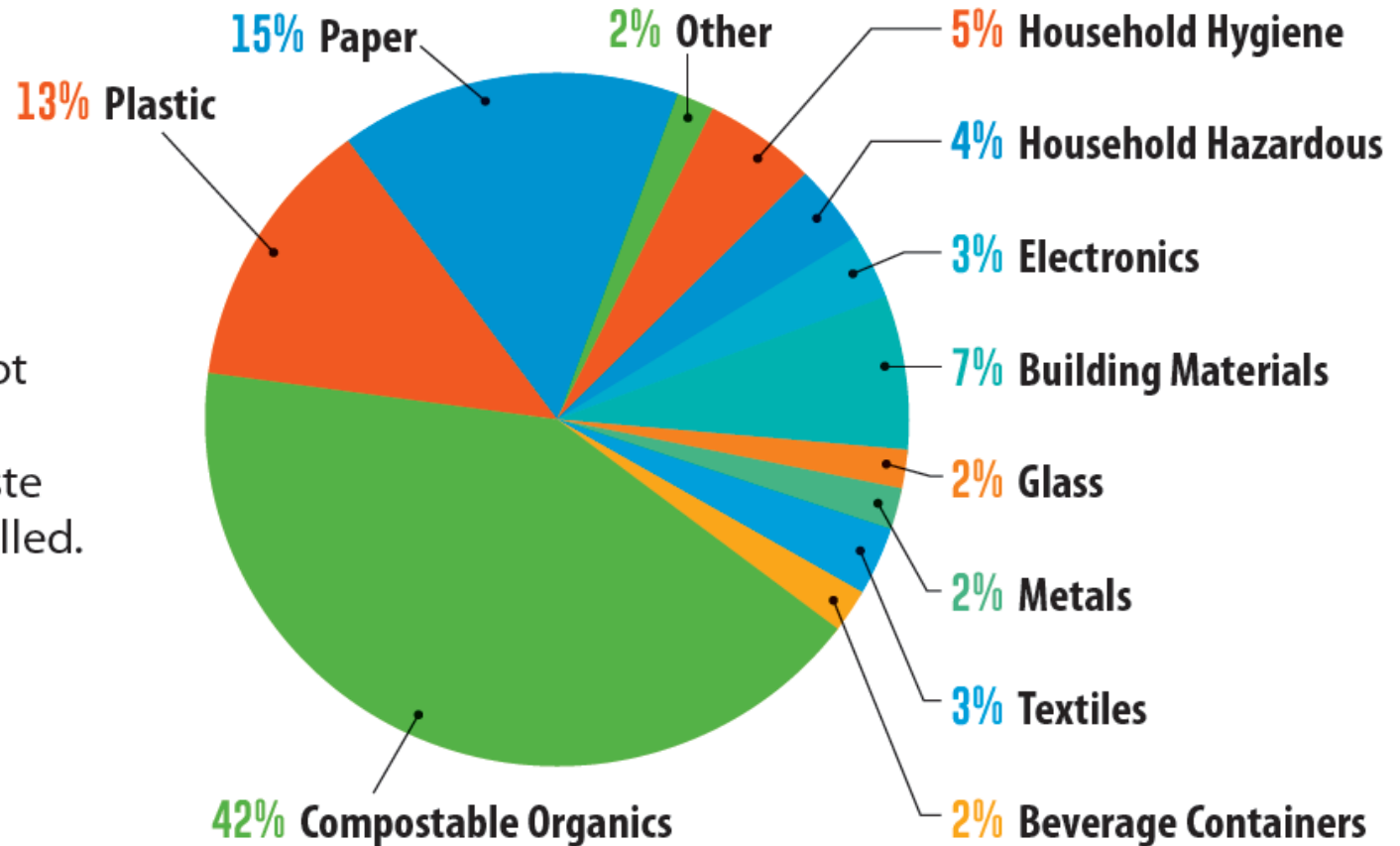
Enhance Education
& Enforcement for
Construction and
Demolition waste.



\$20,000 education
\$20,000 enforcement

Greatest Reduction Opportunity

Here's a snapshot of the types of commercial waste still being landfilled.



Options for Commercial Sector

Separating at the Source

- *Keeping recyclables and food waste out of the dumpster.*
- *New authority provided by the province.*



Getting Help

- *Enlisting waste haulers as licensed partners in doing it right.*
- *Economic policies that grows business for waste reduction.*
- *Increased convenience for customers.*
- *New authority provided by the province.*



New Authorities

Source Control & Licensing of Haulers provide opportunities to:

- Increase waste diversion
- Improve waste management business climate
- Promote behavior around waste reduction
- Increase convenience
- Reduce burden of government

What does this mean for Multi-Family

Required Source Separation of:

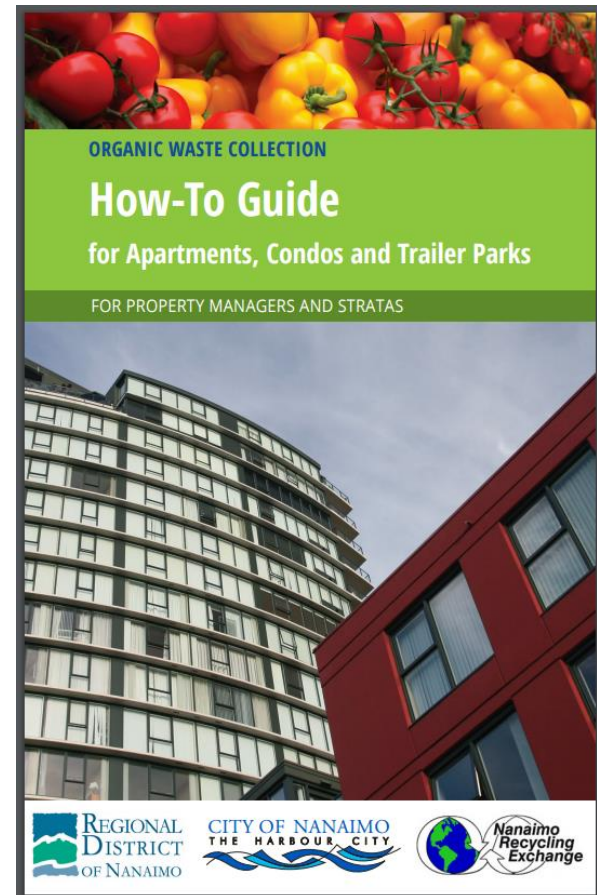
- Organics
- Recyclables
- Garbage



Local Resources

Organic Waste Collection How-To Guide

<http://www.nanaimo.ca/EN/main/departments/Engineering-Public-Works/garbage-and-recycling/multi-family-organics.html>









Tips for Changing Your Waste Collection

- ❑ Step 1: IDENTIFY RESPONSIBLE PERSONNEL
- ❑ Step 2: SPEAK TO YOUR HAULER AND SET-UP SERVICE



Tips for Changing Your Waste Collection

NUMBER OF RESIDENTIAL UNITS	NUMBER OF GREEN BINS (240 LITRE BIN)
5-10	1 
11-30	1-2 
31-50	2 
51-70	3 
71-90	4 
91-100	4 

Tips for Changing Your Waste Collection

- ❑ **Step 1: IDENTIFY RESPONSIBLE PERSONNEL**
- ❑ **Step 2: SPEAK TO YOUR HAULER AND SET-UP SERVICE**
- ❑ **Step 3: TELL YOUR RESIDENTS ABOUT THE NEW COLLECTION PROGRAM**



Tips for Changing Your Waste Collection

Here is a list of dates for your diary:

Monday 31st August, 10.30am.

Morning Information session- Communal Area

Representatives from the City of Nanaimo and the Nanaimo Recycling Exchange will be here to explain how organics recycling works and to answer any of your questions.

Tuesday 8th September.

Kitchen Catchers and information pack delivered to your door

You will receive your own "Kitchen Catcher" that can be used to collect your kitchen scraps.



Tuesday 15th September, 7pm.

Evening Information Session- Communal Area

Representatives from the City of Nanaimo and the Nanaimo Recycling Exchange will be here again to explain how organics recycling works and to answer any of your questions.

Please try to attend one of the info sessions. This is your opportunity to ask questions.



Tips for Changing Your Waste Collection

- ❑ **Step 1: IDENTIFY RESPONSIBLE PERSONNEL**
- ❑ **Step 2: SPEAK TO YOUR HAULER AND SET-UP SERVICE**
- ❑ **Step 3: TELL YOUR RESIDENTS ABOUT THE NEW COLLECTION PROGRAM**
- ❑ **Step 4: IMPLEMENT THE NEW COLLECTION PROGRAM**
- ❑ **Step 5: MONITOR AND RE-EDUCATE**



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