

SCRD Solid Waste

PMAC Orientation & Initial Meeting

November 5, 2019

www.scrd.ca



Outline

1. Governance Framework for Solid Waste
2. PMAC Role and Terms of Reference Overview
3. SCRD Solid Waste Management Plan (SWMP) Overview
4. Current SCRD Solid Waste Services
5. How are we doing? Review of targets
6. Upcoming Initiatives



Governance Framework

Local Government Act

- LGA Part 9, Division 4 – Waste Management
- Provides Regional Districts with the framework to manage solid waste and landfill services.



Governance Framework

BC Ministry of Environment & Climate Change Strategy



- Environmental Management Act requires a Regional District to develop a SWMP for approval by the Minister.
- SWMP is a strategic policy document that is not legally binding and does not provide operational guidance.
- An approved SWMP authorizes a Regional District to manage municipal solid waste and recyclable material in accordance with the plan, as well as any conditions set out in operational certificates, permits or local bylaws.



Highlights of a SWMP

- Guiding principles
- Goals – aims to be achieved as an outcome of the SWMP
- Targets – performance measures such as solid waste per capita disposal
- Timelines – clear timelines to achieve targets
- Programs and services to achieve targets



PMAC Purpose

As per MoE “Guide to the Preparation of Regional Solid Waste Management Plans”, PMAC has a mandate to:

“Advise the regional district on all matters involving the implementation of the plan, and evaluating its effectiveness.”



PMAC Terms of Reference: Duties

The PMAC will:

- Advise on the implementation of the SWMP
- Evaluate the effectiveness of the SWMP



PMAC Terms of Reference: Membership & Meetings

- 6 to 12 members
- Members appointed by SCRD Board
- Chair and Vice Chair positions elected annually by PMAC members
- 2 year term
- One elected representative from the SCRD Board; acts as a liason
- Minimum 3 meetings per year
- Quorum 50% + 1
- Consensus



PMAC Terms of Reference: Operations & Conduct

- Respectful and constructive conduct
- Represent the entire Sunshine Coast community, public interest
- Regular attendance
- Respect and maintain confidentiality of information



PMAC Terms of Reference: Operations

- Advisory Committee
- Makes recommendations to SCRD Infrastructure Services Committee
- Not authorized to enter into agreements or commit financial resources
- Not authorized to speak on behalf of the SCRD



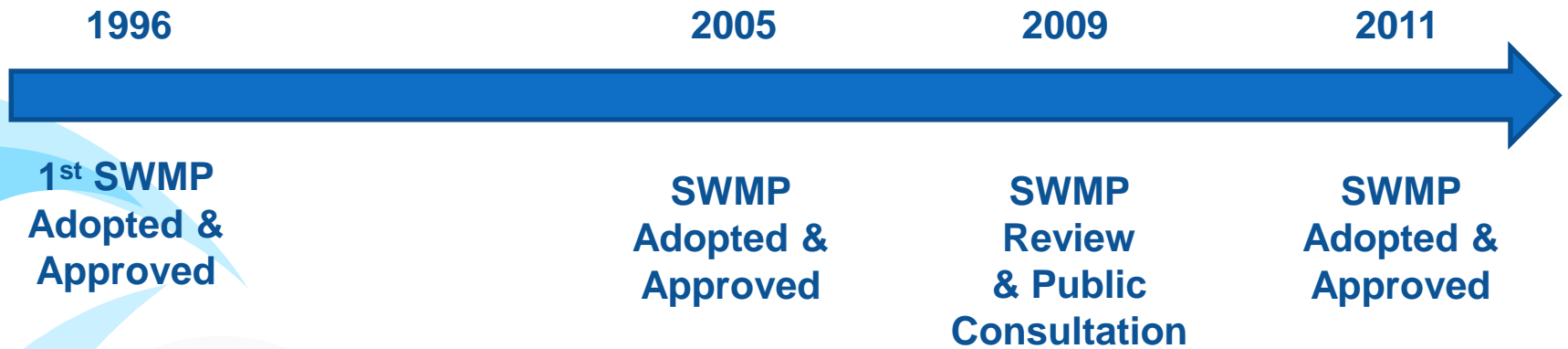
PMAC Resources

SCRD will provide:

- Staff liaison, Board liaison
- Recording secretary
- Meeting facilities & coordination
- Solid waste data, reports, information etc.



SCRD's SWMP - History



SCRD's 2011 SWMP

24 Initiatives

Category	No. of Initiatives
Reduce	9
Reuse	6
Recycle	5
Residuals Management	4

2 Targets



Per capita disposal: 315kg – 279kg
Diversion: 65% – 69%



SCRD's 2011 SWMP Initiatives



Initiative	Status	Type
Incentive Based Tipping Fees	Completed	Reduce
Evaluation Process for Recycling Opportunities	Completed	Reduce
Community Reuse & Repair Centres (promote)	Completed	Reuse
Reuse Facilities at Landfills (continue to promote Share Sheds)	Completed	Reuse
Building Material Reuse Facilities (promote)	Completed	Reuse
Yard Waste Composting	Completed	Recycling
Illegal Dumping Program (enhance clean-up program and education)	Completed	Residuals Management
Pender Harbour Landfill Closure & Residuals Transfer Facility	Completed	Residuals Management
Sechelt Landfill Development & Gas Control	Abandoned	Residuals Management

SCRD's 2011 SWMP Initiatives



Initiative	Status	Type
Material Disposal Bans	Being Implemented ¹	Reduce
Grass-cycling and Backyard Composting	Being Implemented ²	Reduce
EPR Management Programs	Being Implemented ³	Recycling
Curbside Collection of Food Scraps	Being Implemented ⁴	Recycling

1. Material disposal bans for food waste are in progress.
2. a. Completed items include: promote backyard composting, offer composting training and encourage grass-cycling.
b. Not started: Operating a compost demonstration garden.
3. Disposal bans for some EPR items have not been started.
4. Curbside collection of food waste for EA's B, D, E, F anticipated summer 2020 start. Food waste drop-offs to be developed as well (2020 budget).

SCRD's 2011 SWMP Initiatives



Initiative	Status	Type
Residential Waste Reduction Education (for bi-weekly garbage)	On Hold ⁵	Reduce
Curbside Collection of recyclables (Areas B&D or Areas B, D, E,F)	On Hold ⁶	Recycling
Every-other-week (EOW) Garbage Collection	On Hold ⁵	Residuals Management

5. Every-other-week garbage collection requires curbside collection of food scraps. On hold until curbside collection of food scraps is implemented. Anticipated for summer 2020
6. Oct 2019 – Board direction to initiate AAP process in 2020 for curbside recycling in B&D only.

SCRD's 2011 SWMP Initiatives



Initiative	Status	Type
Waste Stream Control System	Not Started	Reduce
Land Use Policies that Support Solid Waste Management Infrastructure	Not Started	Reduce
C&D Waste Diversion Programs	Not Started	Reduce
Business Waste Diversion Programs	Not Started	Reduce
Deconstruction & Salvaging Initiatives	Not Started	Reuse
Reuse Education Pilot Programs	Not Started	Reuse
Community Swap Day Pilot Program	Not Started	Reuse
Enhanced Drop-off and Resource Recovery Facilities in: Pender Harbour, Sechelt, Gibsons	Not Started	Recycling

Current SCRD Solid Waste Services

Waste Disposal & Recycling

- 1 landfill
- 1 transfer station
- 3 closed landfills

Recycling Accepted

- Gypsum, metal, wood, mattresses, tires, propane tanks, fridges/freezers
- Paint (Sechelt only)
- Share Shed (reuse)

Sechelt Landfill Site Life

- Approximately 6 years remaining to end of 2025 at status quo

Current SCRD Solid Waste Services

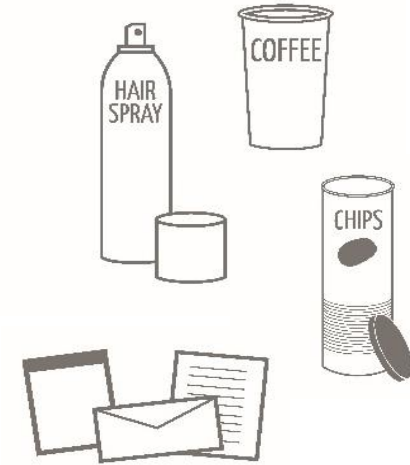
Green Waste Recycling

- Drop off at 3 locations: residential self-haul only
 - i. South Coast - Town of Gibsons Public Works Yard, Elphinstone
 - ii. Sechelt - Salish Soils
 - iii. Pender Harbour - Transfer Station (SCRD)
- Commercial Green Waste Drop-off at 2 locations
 - i. Sechelt - at Landfill
 - ii. Pender Harbour - at Transfer Station

Current SCRD Solid Waste Services

Recycling Depots – Residential Only

- Drop-off at 3 locations:
 - i. Gibsons - Gibsons Recycling
 - ii. Sechelt - Salish Soils
 - iii. Pender Harbour – GRIPS



Materials Accepted

Residential Packaging & Paper Products Only

- RecycleBC: Cardboard, glass, paper, plastic & metal containers, plastic film, polystyrene, other flexible plastic
- Books: Gibsons only

Note: Depots may accept other materials in addition to the SCRD funded materials.

For example: Gibsons Recycling Depot accepts electronics, textiles, paint, batteries, light bulbs

Current SCRD Solid Waste Services

Illegal Dumping Program

- Annual Backroad Trash Bash Event
- Good Samaritan Program
- Stop Illegal Dumping video and radio campaign
- Annual inter-agency meeting

Keep Our Community Clean!

Dumping waste is illegal
Fines up to \$1 million and/or 6 months in jail
Report All Poachers and Polluters
1-877-952-7277

Surveillance cameras and forest guardians are watching.

Recycling & Disposal Options

Gibsons Recycling Depot 604-740-1425
GRIPS Recycling, Pender Harbour 604-883-1165
Pender Harbour Transfer Station 604-883-2954
Salish Soils, Sechelt 604-885-5383
Sechelt Landfill 604-885-6889

For chemicals or other hazardous waste:
BC Recycling Hotline
604-732-9253 or www.rcbc.ca

Services for Island Residents

- Islands Clean Up Residential Garbage & Recycling Collection – annual event
- Garbage bins at 6 locations to service Island residents



Current SCRd Solid Waste Services

Curbside Garbage Collection

- Weekly collection, curbside, one 77L can limit
- Portions of Electoral Areas B, D, E, F
- Clean Up Coupon



Waste Reduction Initiatives Program (WRIP)

- \$5,000 – funding to community groups, non-profit societies, registered charitable organizations & school groups for projects that contribute to waste reduction or that divert materials from landfill.
- Started in 2015
- E.g. on-site composter

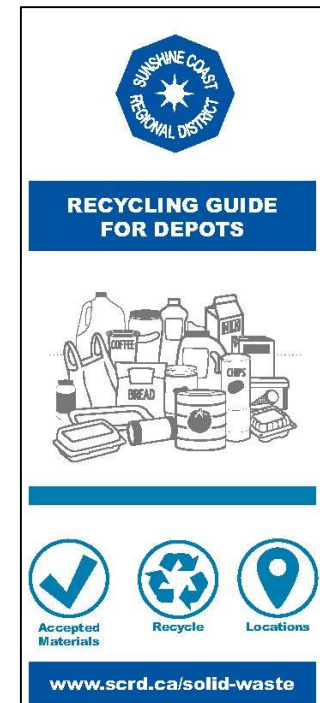


Current SCRD Solid Waste Services

Recycling Brochures

Education & Outreach

- Host events: Compost Awareness Week, Waste Reduction Week
- Attend events: e.g. Home Expo, Roberts Creek Earth Day
- Campaign: Love Food, Hate Waste
- Advertising/Awareness: SCRD website, Facebook, Twitter, local newspapers
- Brochures: Recycling Directory, Depot Recycling Guide, Guide to Backyard Composting



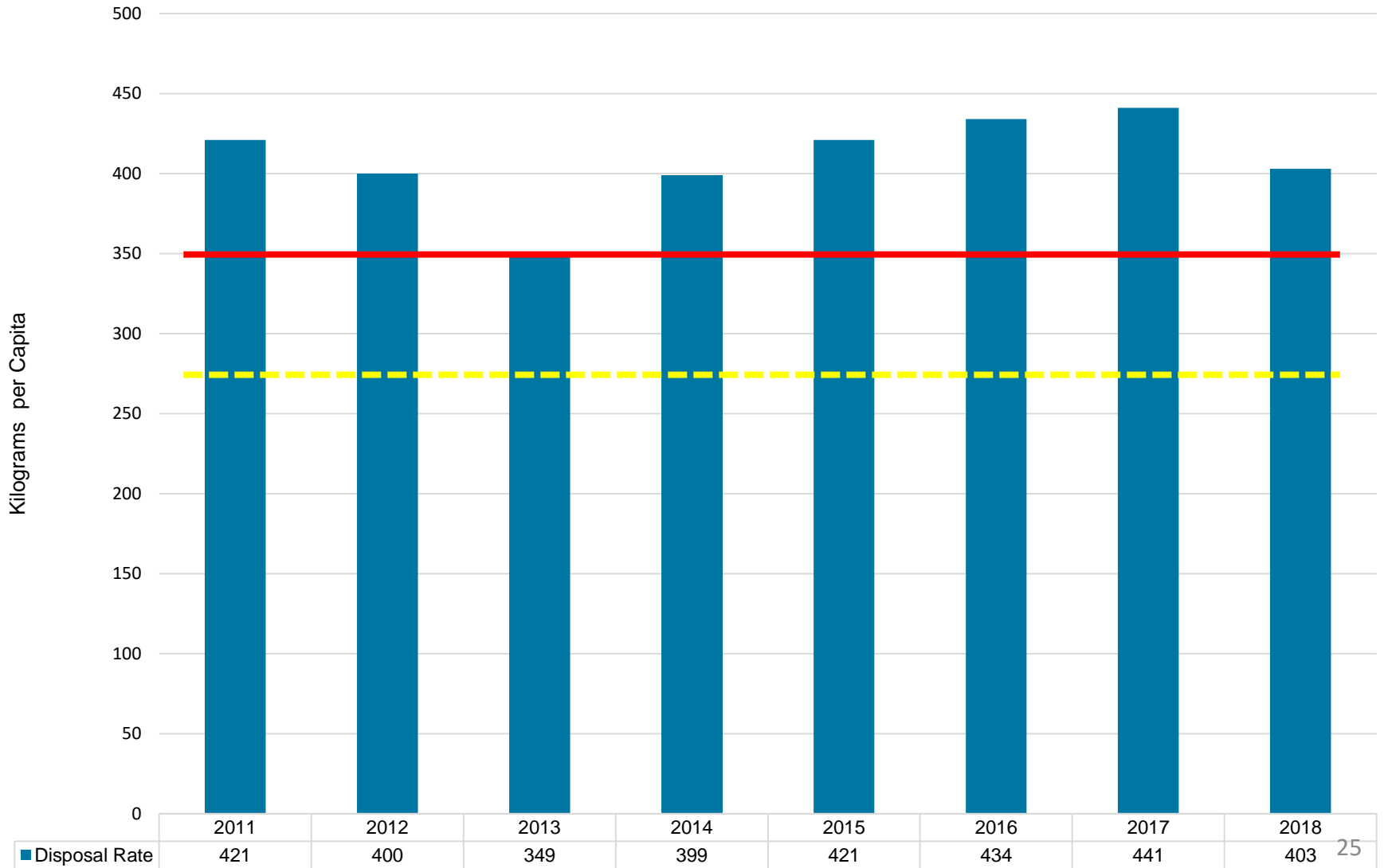
How are we doing?

www.scrd.ca

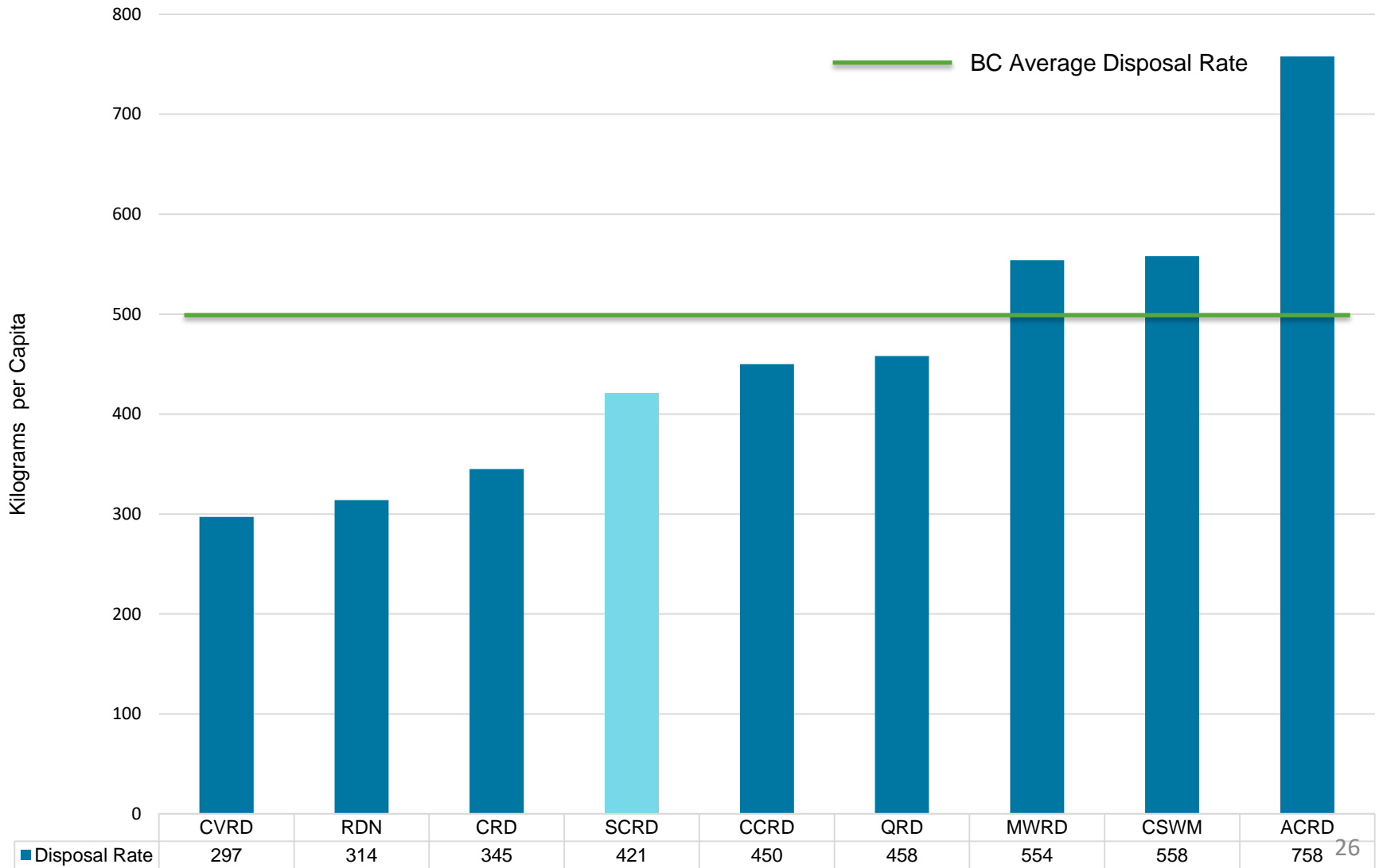


SCRD Disposal Rate

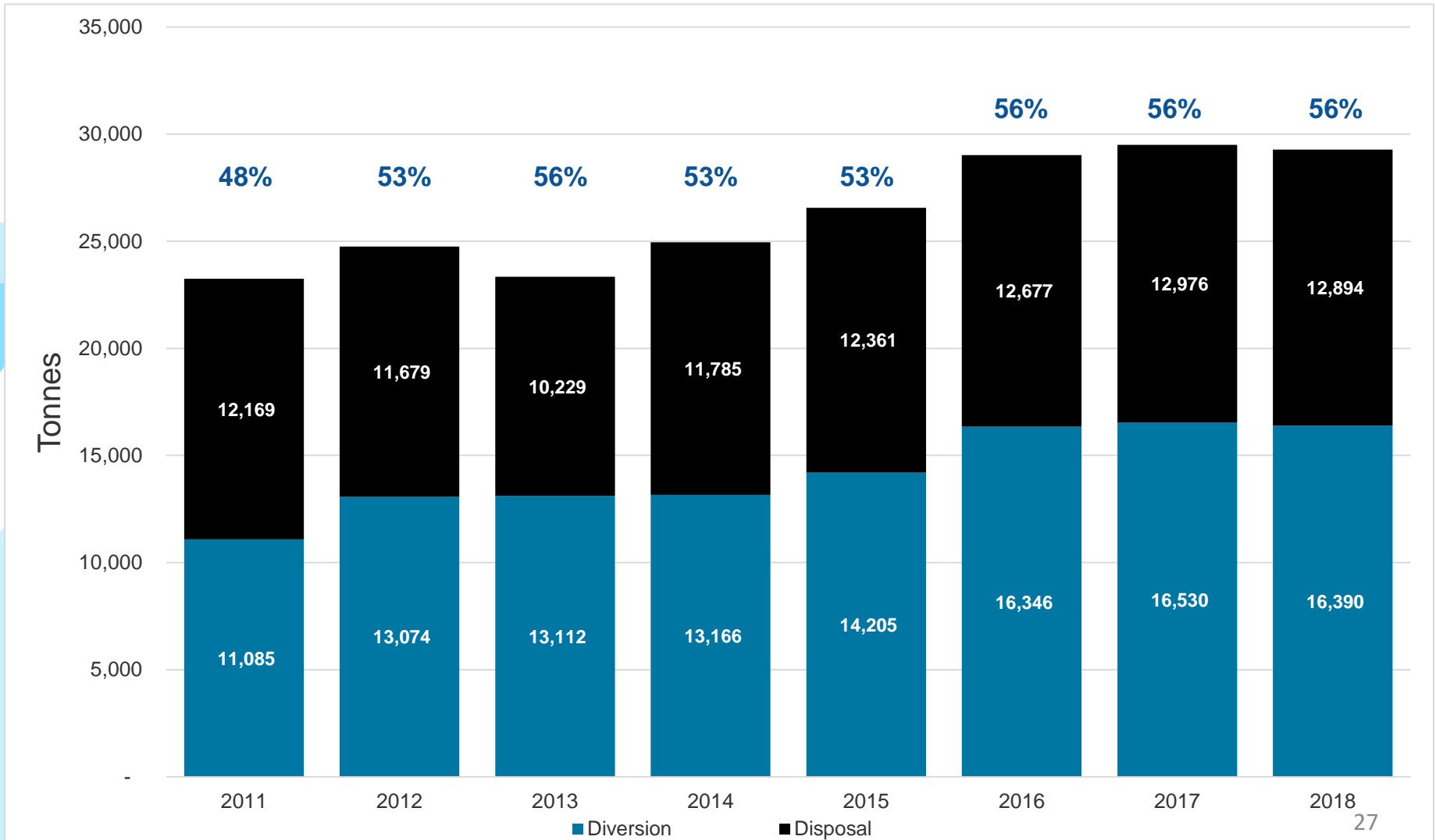
— MoE 2020 Target – 350kg
- - - SWMP 69% Target – 279 kg



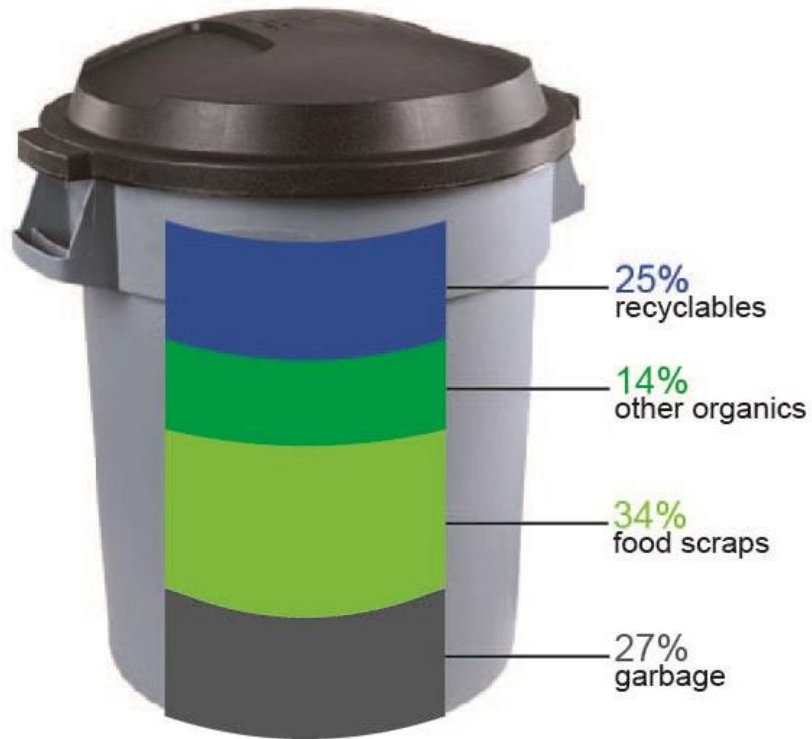
AVICC Disposal Rates 2015



SCRD Regional Diversion

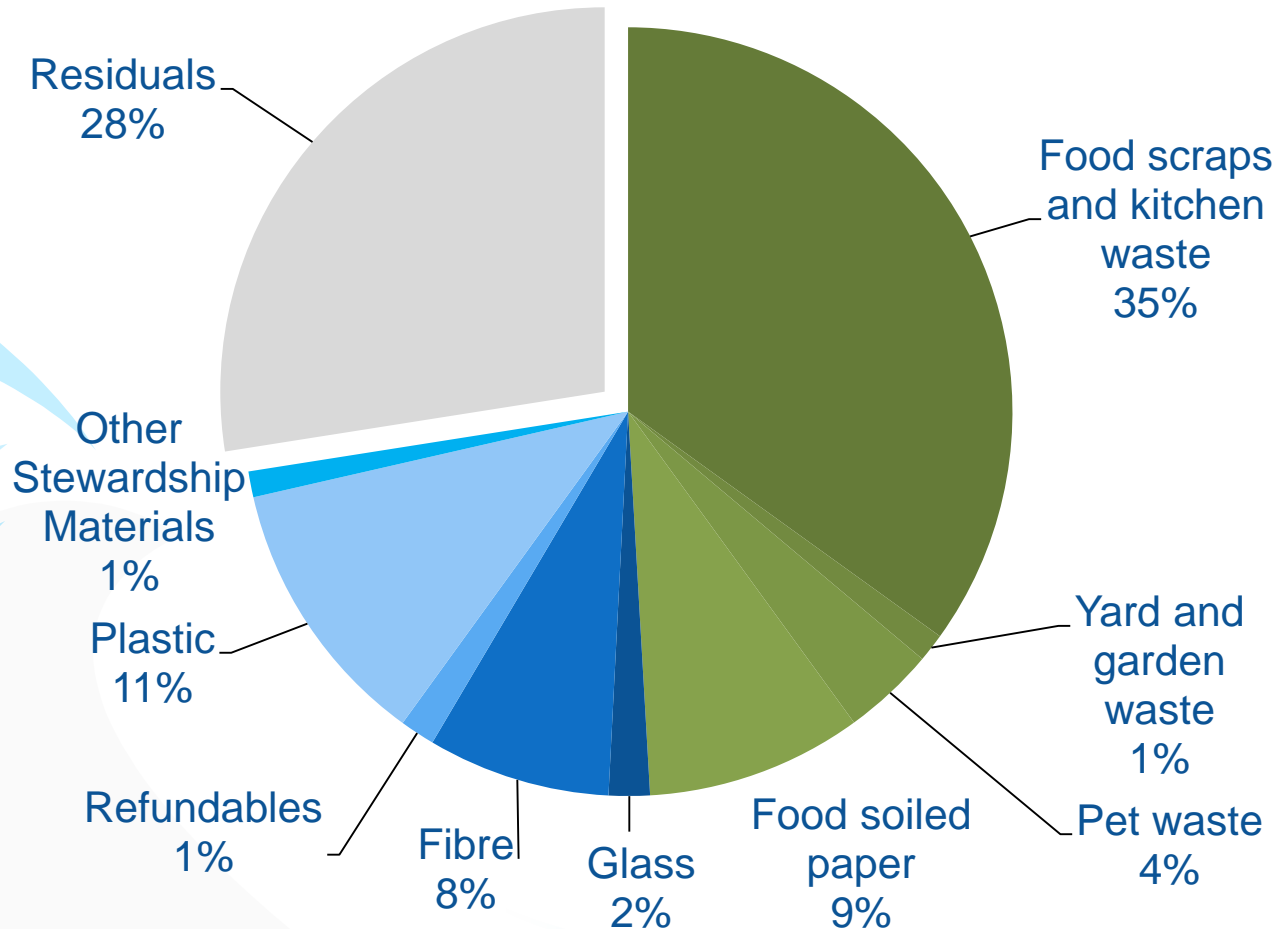


2014 Waste Composition Study of Residential Garbage Collection



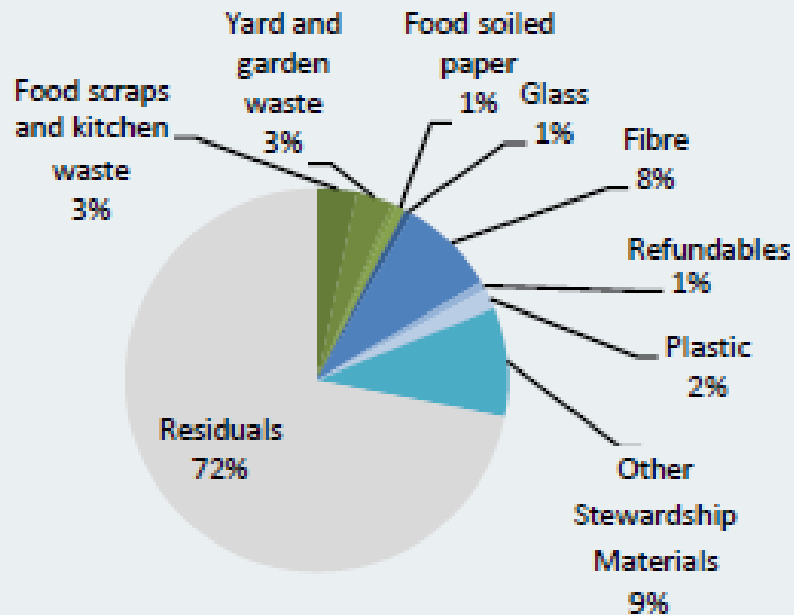
Results of the SCRD's 2014 Waste Composition Study

2014 Waste Composition Study of Residential Garbage Collection

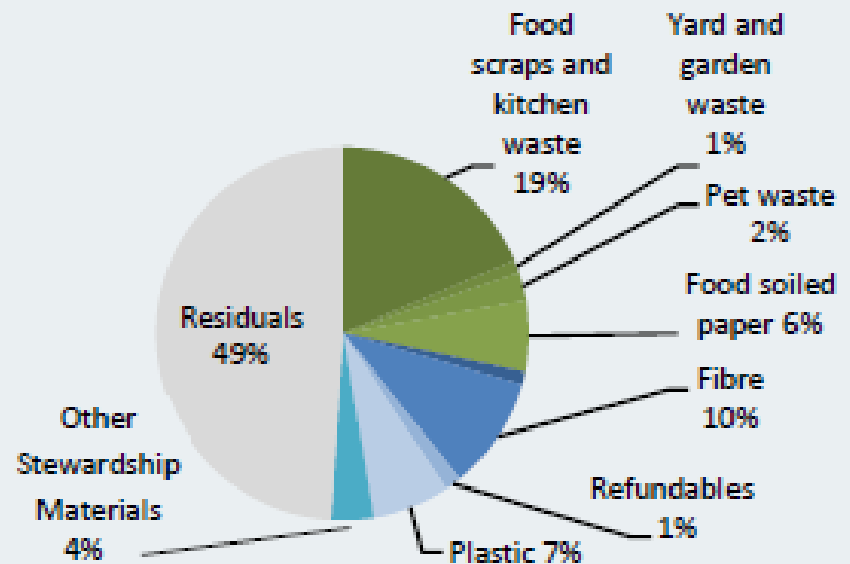


2015 Waste Composition Study of Drop-off Bins

Sechelt Landfill Summary



Pender Harbour Transfer Station Summary



Upcoming Initiatives

Regional Organics Diversion Strategy

- Adopted January 2018
- 2020
 - Weekly food waste collection for SCRD residences receiving garbage collection; bi-weekly garbage collection
 - Establish food waste drop-off sites (2020 budget)
 - Backyard Composter Rebate Program (2020 budget)
 - Commercial & residential organics ban



Upcoming Initiatives

Landfill

- Waste disposal options post-closure of Sechelt Landfill (2020 budget)
- Future waste disposal needs analysis (2020 budget)

Update to SWMP

- Initiate in 2021; 2 year process
- Requires dissolution of PMAC and initiation of PTAC (Plan Technical Advisory Committee)
- Sets the framework for next 10 years
- Major components of next SWMP:
 - Review current SWMP
 - Waste disposal options
 - 2021 Waste Composition Study