



Ministry of Environment and Climate Change Strategy

Provincial Update: Municipal Solid Waste Policy

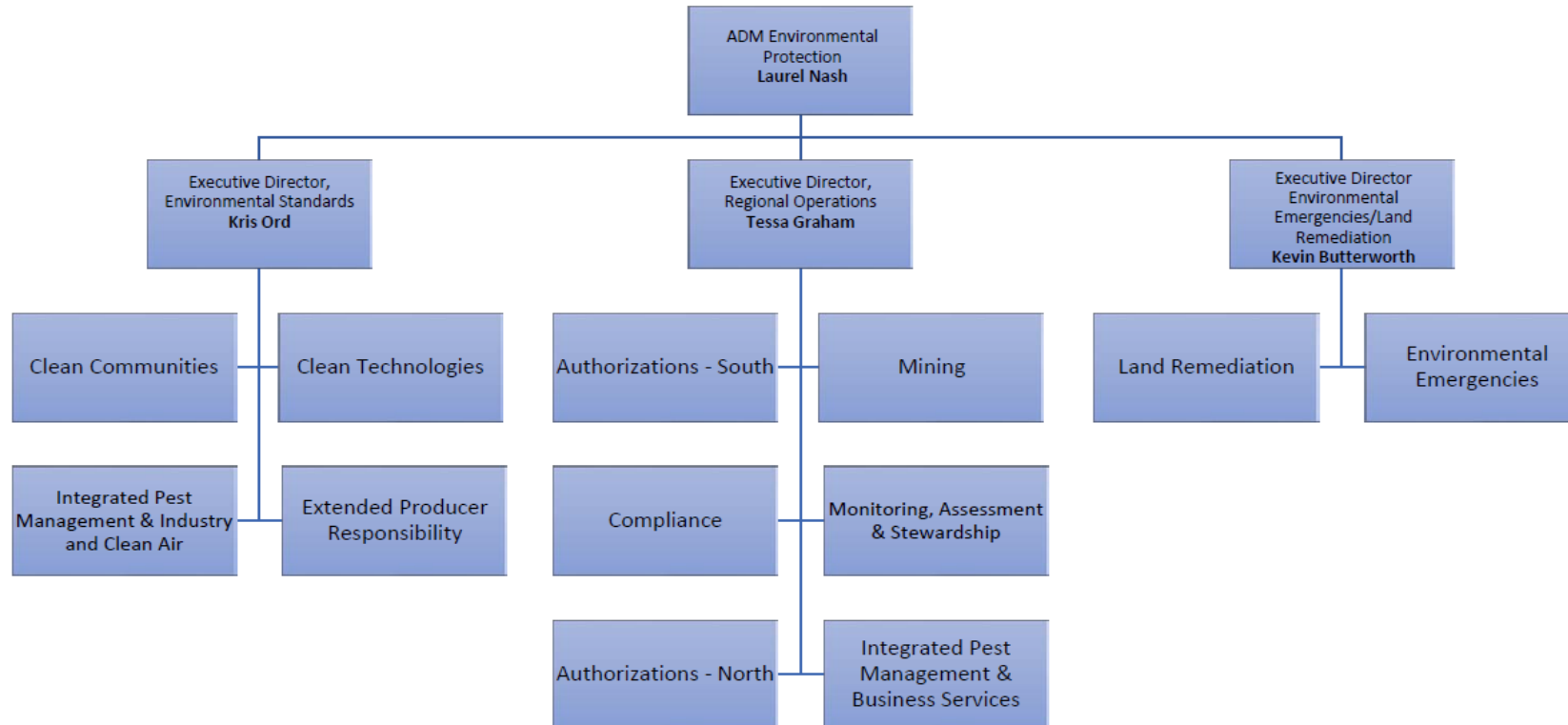
UBCM
Sept. 26th, 2019

Outline

- Environmental Protection Division
- Provincial Municipal Solid Waste (MSW) Framework
- Plastics Action Plan
- Organics Initiatives
- Policy Guidance for Waste-to-Energy Facilities
- Clean BC and Circular Economy
- MOECC Contacts

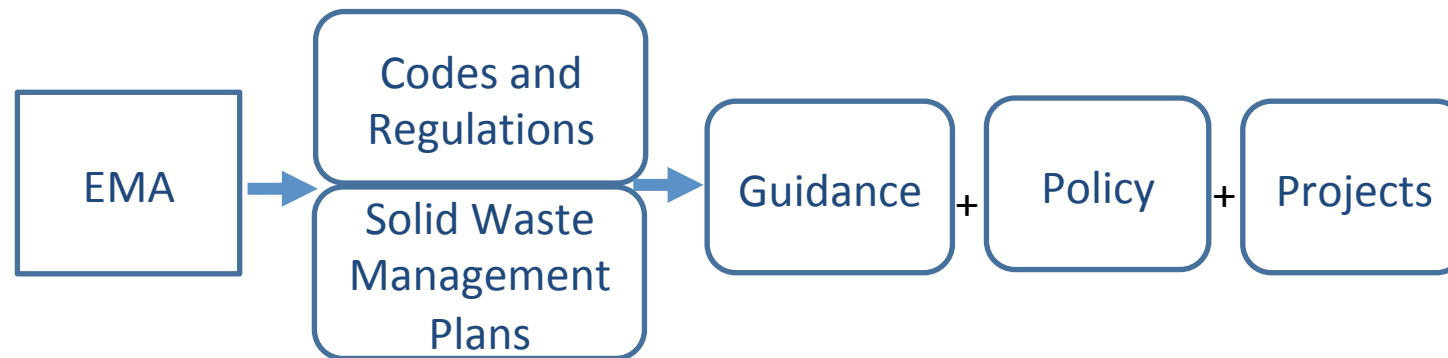
Environmental Protection Division

September 2019



Provincial MSW Framework

- Environmental Management Act (EMA)
 - 38 Regulations and Codes of Practice
 - Prescribes industry, trade, and business needing site-specific authorizations
 - Requires regional district solid waste management plans (SWMP)

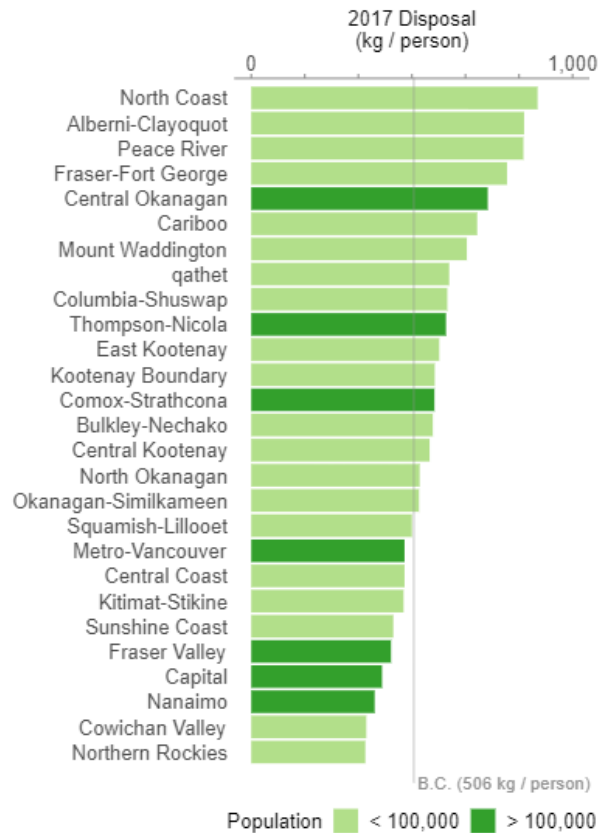


Provincial MSW Framework

- Regulation
 - Organic Matter Recycling Regulation
 - Recycling Regulation
 - Landfill Gas Management Regulation
- Guidance and policy
 - Landfill Criteria
 - Landfill Review
 - Targets
 - MSW disposal per capita
 - Population covered by organics landfill restrictions
 - Food Waste Prevention



MSW Disposal Reporting



2015: 497 kg per person



2016: 472 kg per person



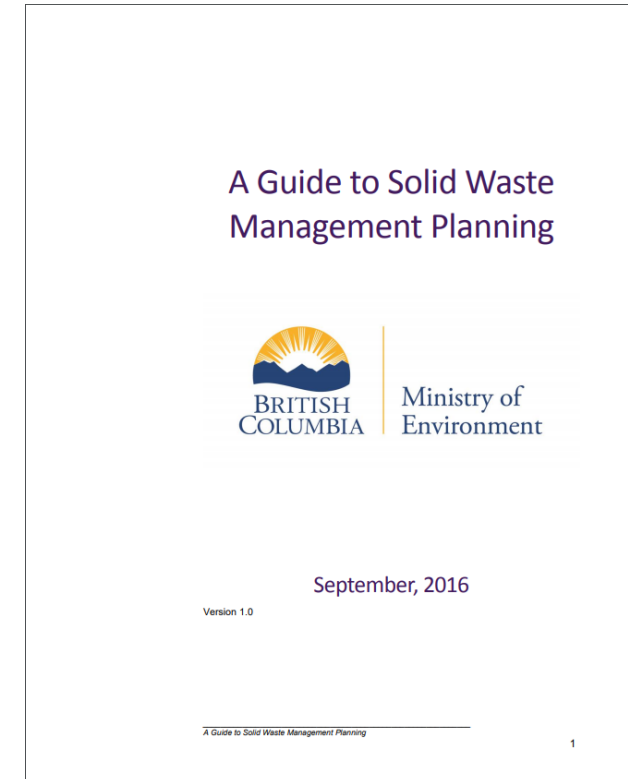
2017: **506 kg per person**

<http://www.env.gov.bc.ca/soe/indicators/sustainability/municipal-solid-waste.html>

Guide to SWMP

8 Principles for Solid Waste Management

- 1) Promote zero waste approaches and support a circular economy
- 2) Promote the first 3 Rs (Reduce, Reuse and Recycle)
- 3) Maximize beneficial use of waste materials and manage residuals appropriately
- 4) Support polluter and user-pay approaches and manage incentives to maximize behaviour outcomes
- 5) Prevent organics and recyclables from going into the garbage wherever practical
- 6) Collaborate with other regional districts wherever practical
- 7) Develop collaborative partnerships with interested parties to achieve regional targets set in plans
- 8) Level the playing field within regions for private and public solid waste management facilities



<https://www2.gov.bc.ca/gov/content/environment/waste-management/garbage/municipal-waste-management-plans>

Plastics Action Plan



Four key areas:

- 1) Bans on Single-Use Packaging
- 2) Dramatically Reduce Single-Use Plastic in Landfills & Waterways
- 3) Expanding Plastic Bottle and Beverage Container Returns
- 4) Reducing Plastics Overall

<https://cleanbc.gov.bc.ca/plastics>

BC Local Government Bans

Canada

- Federal Government's intention to ban harmful single-use plastics by 2021
- Bans on plastic bags: P.E.I.; Newfoundland and Labrador next

B.C.

- ~29 B.C. local governments have or are in progress of developing plastic bans
 - 12 finalized bans
 - City of Vancouver's Single-Use Reduction Strategy
- Canadian Plastic Bag Association v. City of Victoria



Related Consultation Paper Questions:

- » *Do you think bans on plastic packaging should be implemented in B.C.?*
- » *What plastic packaging products are a priority for B.C. to ban?*

Organics: Provincial Approach

- **Prevent**
 - e.g., Love Food Hate Waste
- **Divert**
 - e.g., composting, infrastructure funding
- **Regulate**
 - e.g., Organic Matter Recycling Regulation



Organic Waste Management

Prevent: Food Waste



Love Food Hate Waste
Provincial Partnership
- Includes access for local
governments to use campaign
materials



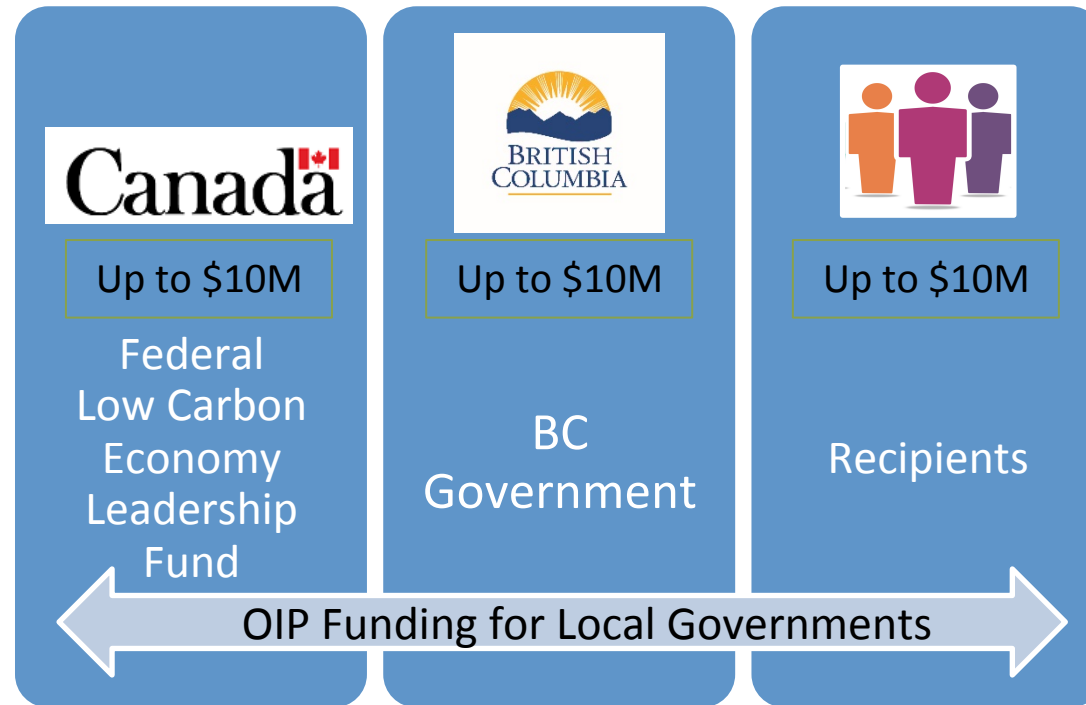
- 25 local governments have joined so far
- Contact Lovefoodhatewaste@gov.bc.ca for more info

Organics: Posters and Banners



Organic Waste Management

Divert: Organic Infrastructure Program (OIP)



Organic Waste Management

Divert: Organic Infrastructure Program

Objectives

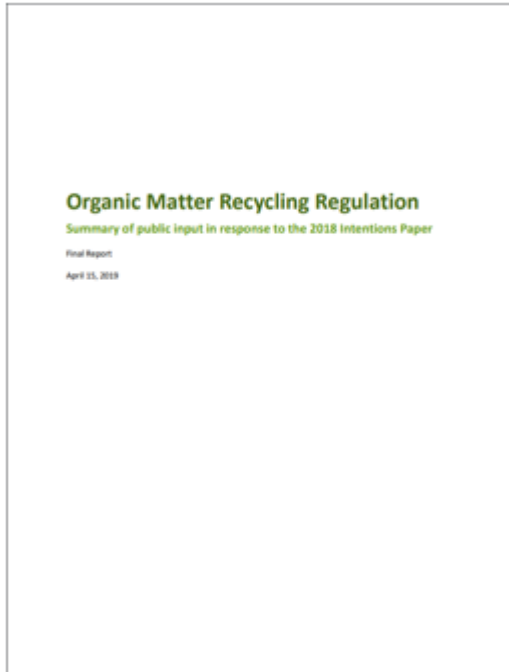
- Reduce GHG emissions
- Expand processing capacity
- Divert new organic wastes to higher value end uses
- Support the use of nutrient recovery technologies in the agricultural sector



<https://www2.gov.bc.ca/gov/content/environment/waste-management/food-and-organic-waste/organic-waste-diversion/organics-infrastructure-program>

Organic Waste Management

Regulate: Organic Matter Recycling Regulation (OMRR)



- Intentions Paper update
 - Intentions paper posted in fall 2018
 - Consultation summary posted July 2019
 - Amendments to the regulation are anticipated for early 2020

<https://www2.gov.bc.ca/gov/content/environment/waste-management/food-and-organic-waste/regulations-guidelines>

Policy Guidance for Waste-to-Energy Facilities



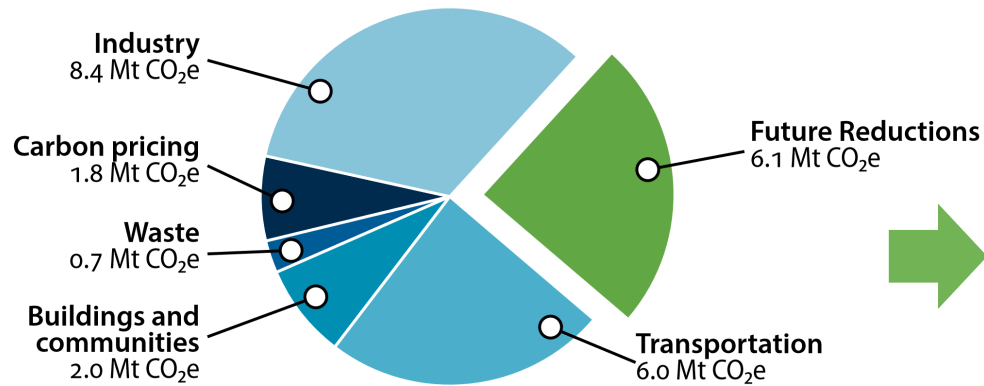
- In 2018 updated to align with the updated solid waste management planning guideline
 - 350 kg/capita disposal rate target
 - 60% energy efficiency rate

<https://www2.gov.bc.ca/gov/content/environment/waste-management/garbage/waste-to-energy>

CleanBC

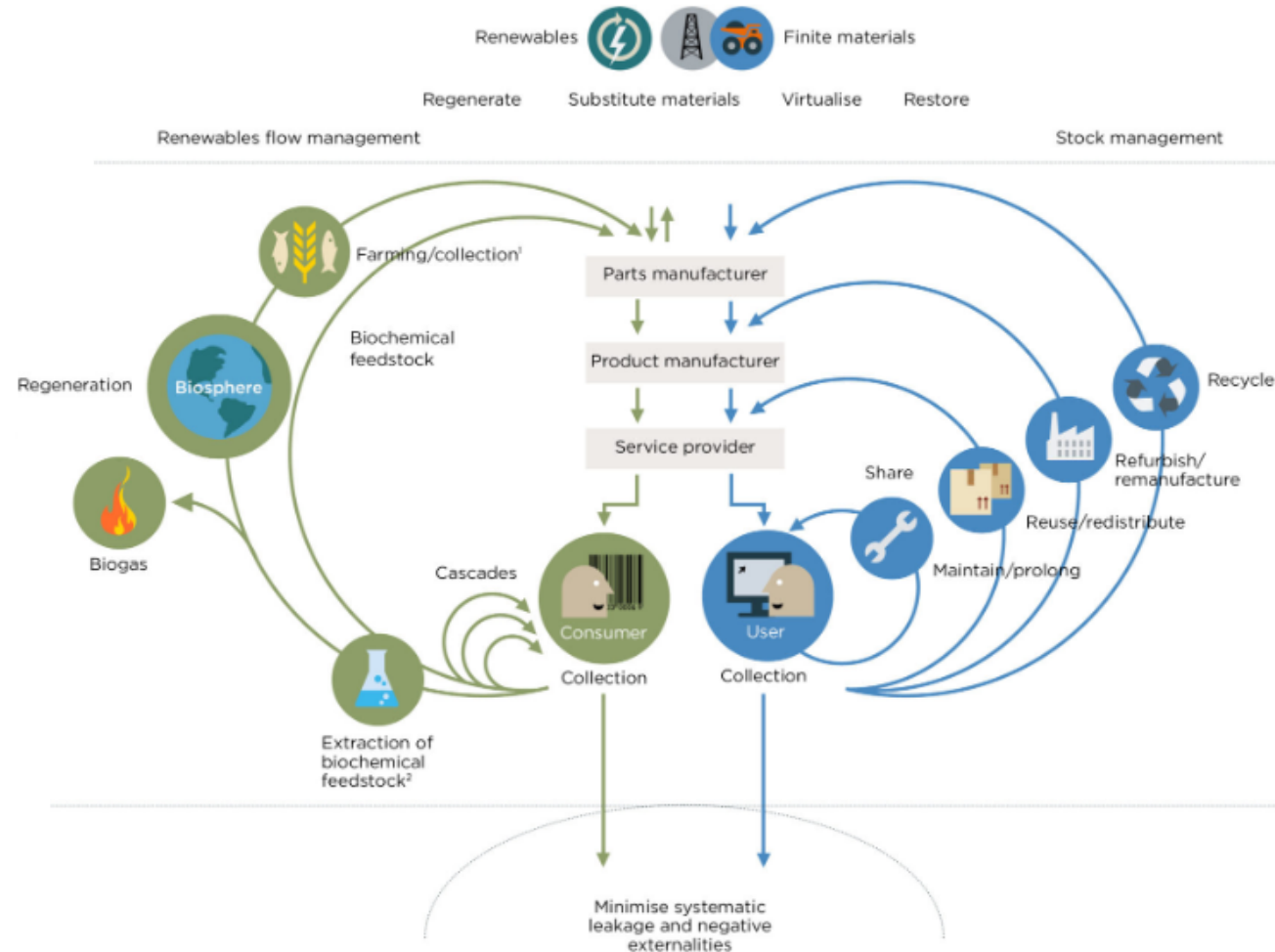
cleanBC

Reductions to achieve 2030 target



*“Imagine living in a world without waste, where by-products of all kinds are reused, recycled and reconstituted as raw materials. Where no other option exists, they are used as a source of energy. That approach, known as a **“circular economy”** is what we are adopting in British Columbia, recognizing its potential for creating jobs, promoting innovation, and protecting the environment by harnessing the full value of resources.”*

Circular Economy



<https://www.ellenmacarthurfoundation.org/circular-economy/concept>

MOECC Contacts

- **Agricultural Environmental Code of Practice:** AEMCoPenquiries@gov.bc.ca
- **Extended Producer Responsibility:** ExtendedProducerResponsibility@gov.bc.ca
- **Hazardous Waste:** hazwaste@Victoria1.gov.bc.ca
- **Integrated Pest Management:** bc.ipm@gov.bc.ca
- **Land Remediation:** site@gov.bc.ca
- **Love Food Hate Waste:** Lovefoodhatewaste@gov.bc.ca
- **OMRR Regulatory Review:** env.omrr.reg.reviews@gov.bc.ca
- **Organics Infrastructure Program:** OrganicsFund@gov.bc.ca
- **Plastics Consultation Paper:** Plastics@gov.bc.ca
- **Waste Discharge Application Inquiries:** WasteDischargeApplicationInquiries@gov.bc.ca

Regional Operations Branch

- **Authorizations North:**
 - **Solid and Liquid Waste Management:** Karen.Moores@gov.bc.ca
- **Authorizations South:**
 - **Solid Waste Management:** Luc.Lachance@gov.bc.ca
 - **Liquid Waste Management:** Bryan.Vroom@gov.bc.ca

Thank you!

Questions?

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