SESSION 7 - IMPROVING DATA COLLECTION AND REPORTING ON PLASTICS ACROSS THE ECONOMY

Regional Workshop on Tackling Plastic Pollution: Cooperation, Best Practices and Sustainable Solutions

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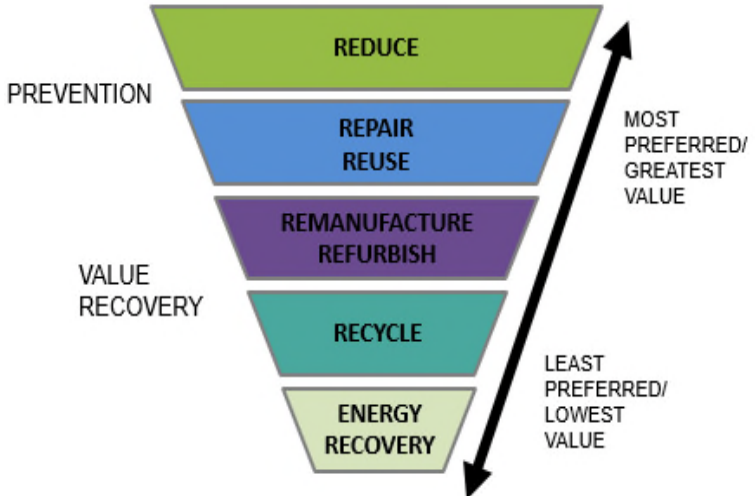
Moving Towards Circularity for Plastics

- Canada moving towards a zero plastic waste future where plastics stay in the economy and out of the environment

- No single solution – Canada is implementing a comprehensive, circular economy, and evidence-based agenda
  - Advances complementary actions across the plastics value chain using the waste management hierarchy
  - Invests in science, addresses market challenges, strengthens systems and infrastructure, spurs innovation, enables sustainable behaviours, and tackles plastic pollution

- A multi-stakeholder approach to achieve change
  - Everyone has a role to play to rethink how we make, use and manage plastic products



Waste Management Hierarchy

The Need for Transparency and Good Data

Inform Actions

Good and reliable data is needed by regulators around the world to take a science-based approach to managing plastic pollution.

Reliable data across the entire value chain allows regulators to determine what the biggest source of plastic pollution are and what actions are the most effective to manage and prevent that pollution.

Monitor Performance

Comparable and harmonized data across a country is needed for regulators to ensure that their actions are effective and monitor their performance.

Comparable data across the globe allows countries to determine what are the most and least effective measures.

Make Informed Decisions

Transparency and data from companies along the plastics value chain that is openly available to the public allows citizens to make informed decisions about the goods they purchase.

Providing good data to industry empowers them to innovate solutions.

Challenges of Collecting Data on Plastics

01

Inconsistent definitions – nationally and sub nationally

02

Claims of confidential business information

03

Existing data sources that are not comparable or harmonized

04

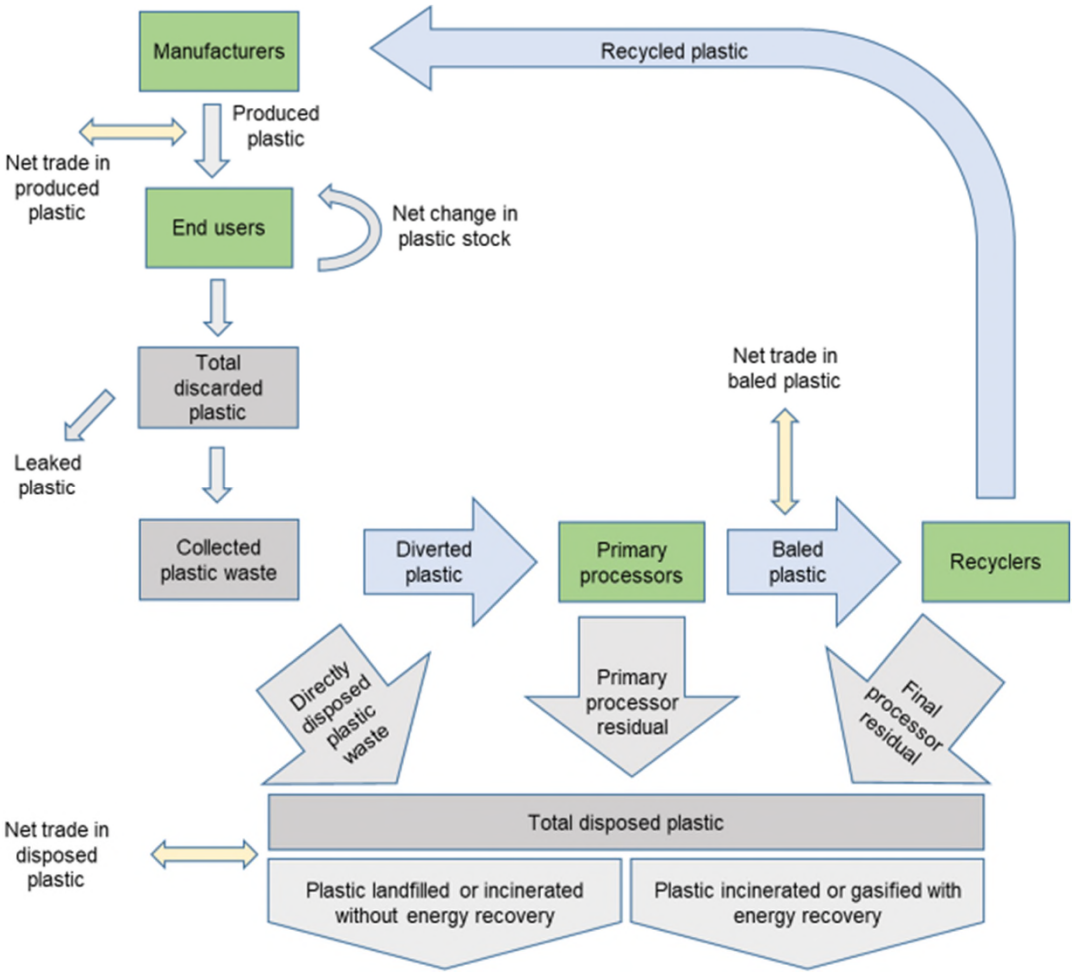
Different performance metrics

05

Lack of unifying standards for plastics across their lifecycle

Physical Flow Account for Plastic Material

- **An environmental-economic account** by Statistics Canada (StatCan) that estimates the flow of plastic through the Canadian economy.
- The account provides annual estimates by **product category, resin type, and province and territory**. The time-series starts in 2012 and now includes 2021.
- The flow begins with production, continues with use, and tracks waste collection, diversion, and recycling, as well as international trade at a few key stages.



Federal Plastics Registry

- The Registry takes a different methodology to data collection and will collect data on plastics directly from every actor along the plastics value chain.
- Addresses the need to develop and maintain Canada-wide data on how plastic moves through the economy
- *De minimis* threshold for reporting
  - Small companies placing or managing less than 1000kg of plastic per year are exempted
- Working with stakeholders to facilitate implementation
  - Working with industry on the development of fixed-factor calculators for reporting
  - Guidance document for Phase 1 available following comment period and consultations on draft
    - Phase 2 guidance document under development
  - New IT platform for reporting is now live, following two separate training environments in Nov 2024 and Feb 2025.

Federal Plastics Registry

Companies accros the plastics value chain that must report

Producers

Waste Generators

Service Providers

Must report on:

- Resin type (23 resin groupings)
- Resin source
  - Virgin fossil-based resin
  - Virgin bio-based resin
  - Post-consumer/industrial recycled resin
- Product category and subcategory
- Waste stream
  - Residential, ICI and CRD

Federal Plastics Registry

Phase 1 – 2025	Phase 2 – 2026	Phase 3 – 2027	Phase 4 – 2028

CATEGORY	Quantity of resin: a) imported b) manufactured c) placed on the market	Quantity of plastic in packaging and products: a) imported b) manufactured c) placed on market	Quantity of plastic waste generated at a facility	Quantity of plastic collected at end of life	Quantity of plastic sent for diversion	Quantity of plastic sent for disposal
Plastic Resins	2026	N/A	N/A	N/A	N/A	N/A
Packaging	N/A	2025	2026	2026	2026	2026
Electronic and Electrical Equipment (EEE)	N/A	2025	2026	2027	2027	2027
Single-use or disposable plastic products	N/A	2025	2026	2026	2026	2026
Agriculture and Horticulture	N/A	2026	2026	2026	2026	2026
Tires	N/A	2026	2026	2027	2027	2027
Transportation	N/A	2026	2026	Beyond 2027	Beyond 2027	Beyond 2027
Construction	N/A	2026	2026	Beyond 2027	Beyond 2027	Beyond 2027
Fishing and aquaculture	N/A	2026	2026	Beyond 2027	Beyond 2027	Beyond 2027
Textiles and apparel	N/A	2026	2026	Beyond 2027	Beyond 2027	Beyond 2027

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