

A Circular Economy for Plastics

The Energy Council
2022 Global Energy and Environmental Issues Conference

Christina Seidel
Executive Director

About RCA

Vision

- Waste free world



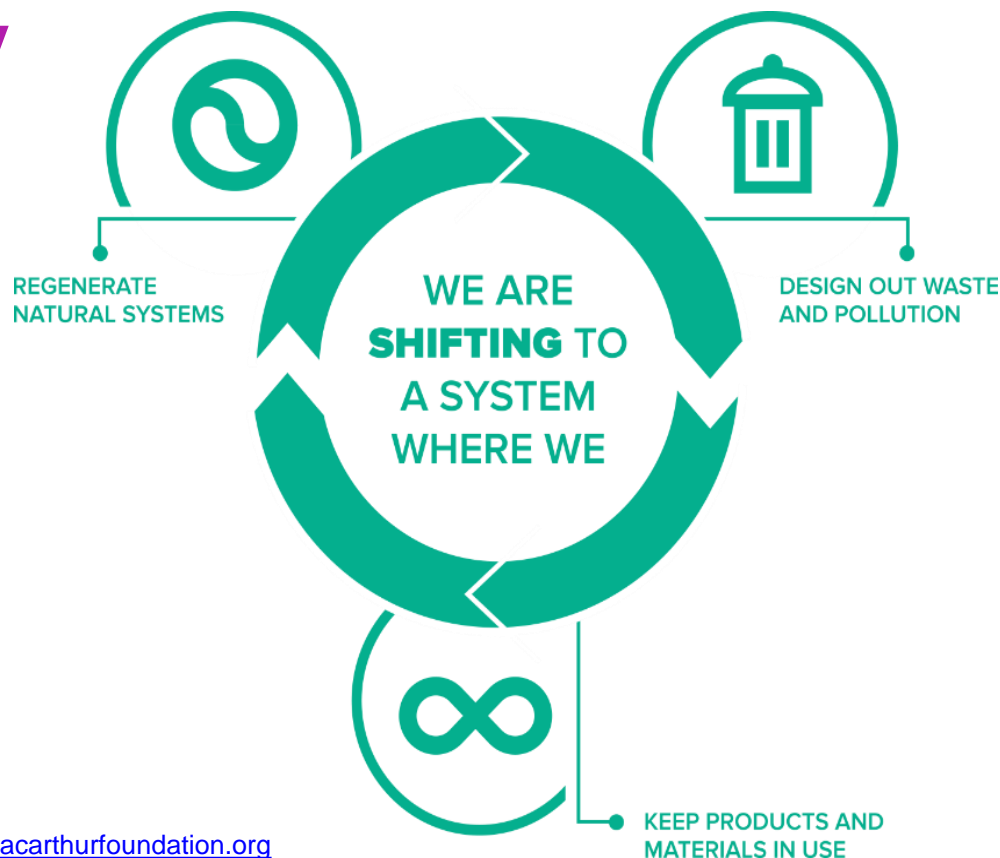
Mission

- To promote, facilitate, and advocate for a Circular Economy in Alberta

Setting the Circular Context

Circular Economy

A new paradigm
for the environment
and economy



Circular Economy

- [Plastics in a Circular Economy | Ellen MacArthur Foundation](#)



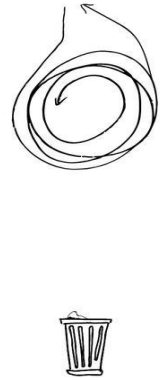
LINEAR ECONOMY



RECYCLING ECONOMY



CIRCULAR ECONOMY



Zero Plastic Waste

International / National / Provincial Context



United Nations Environment Assembly
Global Plastics Treaty

Canada is **taking action** on:
**plastic checkout bags, stir sticks,
six-pack rings, cutlery, straws,
food service ware made from
problematic plastics.**

**JOIN THE CONVERSATION! GIVE YOUR INPUT ON
CANADA'S BAN ON HARMFUL SINGLE-USE PLASTICS.**

#ZeroPlasticWaste

Canada

GETTING ALBERTA BACK TO WORK

Natural Gas Vision and Strategy

Alberta

United Nations Environment Assembly Global Plastics Treaty (2022)

- Intergovernmental Negotiating Committee
- Mandate to forge an international legally binding agreement to end plastic pollution
- Expected to address full lifecycle
 - production, design, and disposal
- 2-year timeline for reaching a global agreement



International Action



- EU has banned single-use plastic items
 - 10 products (plates, balloon sticks, food and beverage containers, cutlery, straws, and stirrers) banned in 2021
- Member states required by 2029 to collect and recycle at least 90% of beverage bottles
- Tobacco companies to cover costs for the collection of cigarette butts
- Manufacturers of fishing gear will pay for retrieval of plastic nets left at sea



Canada Action on Plastics

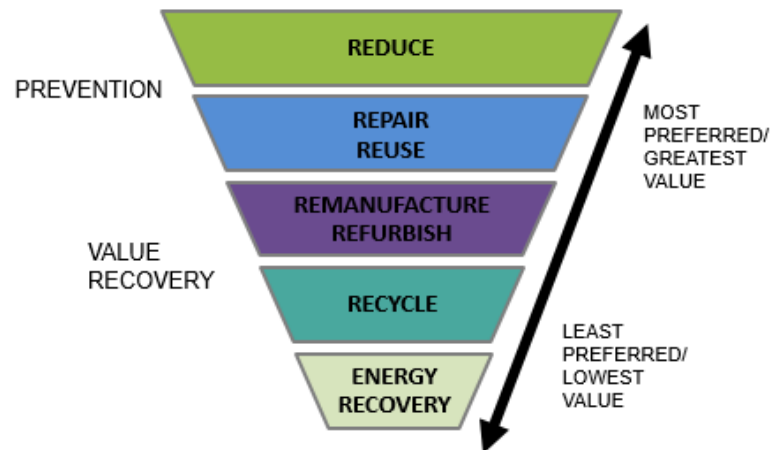
Canada led G7 Ocean Plastics Charter in 2018

- 100% reusable or recyclable by 2030
- Reducing the unnecessary use of single-use plastics
- At least 50% recycled content plastic products by 2030
- Recycling and reuse of 55% of plastic packaging by 2030
 - recovery of 100% of all plastics by 2040
- Led to Canada-wide Strategy on Zero Plastic Waste



CCME Canada-Wide Action Plan on Zero Plastic Waste (2019)

- **Extended Producer Responsibility (EPR)**
 - Facilitate consistent EPR programs for plastics
- **Reduce Single-Use and Disposable Plastic Products**
- **National Performance Requirements and Standards**
 - Recycled content
 - Bio-based plastic standards
 - Standards for repair, reuse, refurbish
- **Incentives for a Circular Economy**
 - Disposal bans
 - Economic incentives
- **Infrastructure and Innovation Investments**
- **Public Procurement and Green Operations**
 - Reduce plastic waste in govt operations
 - National recycled content standards



Federal Single-Use Plastics Prohibition Regulations

Category of single-use plastic	Manufacture and import for sale in Canada	Sale	Manufacture, import and sale for export
Checkout bags, cutlery, foodservice ware, stir sticks, straws	December 20, 2022	December 20, 2023	December 20, 2025
Ring carriers	June 20, 2023	June 20, 2024	December 20, 2025
Flexible straws packaged with beverage containers	N/A	June 20, 2024	December 20, 2025

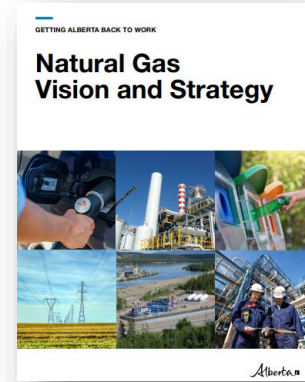
Federal Recycled Content and Labelling Rules

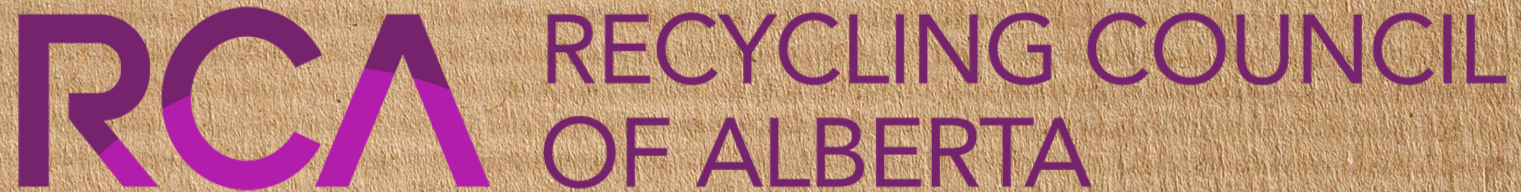
- ECCC developing regulations on two mandate commitments
 - Plastic packaging to contain at least 50% recycled content by 2030
 - Labelling rules that prohibit the use of the chasing arrows symbol unless 80% of Canada's recycling facilities accept, and have reliable end markets

- Vision: Circular Economy for Plastics
 - Eliminating unnecessary or problematic plastic packaging
 - Innovating so the plastic we do need can be safely reused, recycled, or composted
 - Circulating all the plastic items we use to keep them in the economy and out of the environment

Alberta Initiatives

- Natural Gas Strategy
 - Circular Economy
 - EPR
- Plastics Alliance of Alberta
 - Vision – Circular Economy for Plastics
 - Government, industry, academia, and NGOs





Christina Seidel

Executive Director

403.843.6563

info@recycle.ab.ca | <https://recycle.ab.ca>