RCA Annual Conference
October 23, 2025

Circular Plastics Taskforce

Implementing industrial-scale solutions to accelerate the creation of a circular economy for plastics in Canada

GAPC CPT
GROUPE D'ACTION PLASTIQUES CIRCULAIRES
CIRCULAR PLASTICS TASKFORCE

LEADING ORGANIZATIONS

Cascades

Chemistry Industry Association of Canada | Association canadienne de l'industrie de la chimie

DANONE ONE PLANET. ONE HEALTH

RECYCLEBC

Éco Entreprises Québec

circular materials

Keurig DrPepper Canada

ProAmpac

OUR MISSION

Foster a better alignment between market needs and recycling outputs through optimization solutions and research projects to create a circular economy for post-consumer plastics in Canada.

OUR VISION

That all plastic packaging put on the market in Canada be collected and recycled in keeping with market needs (volumes, grades, quality), to create a circular economy.

Unifying Initiative

Full Project Portfolio

Implement industrial-scale solutions to quickly & concretely improve the quality of sorted materials, as well as the recycling rate of plastic packaging.

Our 2025 Projects

Small Items Recovery

Analyze the composition of the small items stream and trial sorting optimization strategies.

LeaPP

Support the production of higher volumes of food grade recycled PP by defining acceptable pathways to leverage curbside collection feedstock.

BiblioFlex

Better understand the composition of flexible plastic packaging (FPP) by building a database of packaging types by product category.

PET Thermoforms

Better understand the composition of the PET Thermoforms stream and conduct a recyclability analysis with the underlying goal of enhancing rPET uptake in new thermoforms products.

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BiblioFlex

Objective

Improve the understanding of flexible plastic packaging (FPP) composition and market to better address upstream and downstream processes.

Implementation steps

- Identify FPP composition through lab testing (protocol established)
- Audit FPP market sector composition
- Regular review of the results with key industry partners (converters, APR)
- Build a preliminary library of FPP composition

Timeline

- Q3-2025 to Q2-2026

Project partners

- Leads: Recycle BC, Éco Entreprises Québec, CPT
- Technical partners: PolyExpert, converters (name to be announced soon), APR
- Financial partners: Quebec ministry of economy

LeaPP

Objective

Define acceptable pathways to sort and separate food-contact and non-food-contact PP out of curbside collection feedstock.

Implementation steps

- Block 1: Develop resin specification suitable for various packaging applications
  - Develop key technical characteristics from brands' specifications
  - Identify and assess recyclers and equipment suppliers' capabilities
- Block 2: Test resin incorporation in packaging and measure food safety
  - Test sorting, recycling and decontamination solutions identified in block #1
  - Measure food safety and PCR uptake in packaging

Timeline

- Block 1: Q3-2025 to Q1 2026
- Block 2: Q2 to Q4 2026

Project partners

- Leads: Danone, KDP, CPT... and others to be announced soon
- Financial partners: FAQDD

Small Items Recovery

Objective

Optimize small items capture to increase recycling rates and reduce material loss.

Implementation steps

- Characterize smalls in inbound of various facilities
- Undertake capture rate assessment
- Undertake sorting solution assessment
- Provide summary of smalls items impact within the system and determine where (if any) investment would be needed

Timeline

- Throughout 2026

Project partners

- Leads: Circular Materials, Éco Entreprises Québec, CPT
- Technical partners: Targeted MRFs

PET Thermoforms

Objective

Improve the understanding of the PET TF stream composition and end-market to better address upstream and downstream processes

- Set a baseline for improvement in PET TF recyclability.
- Identify solutions for enhancing rPET uptake in new thermoforms products

Implementation steps

- Develop and test composition analysis protocol based on APR Design Guide
- Produce and measure different mixed of rPET in new packaging applications with converters
- Identify potential pathways for upgrade

Timeline

- Planning anf funding research phase

Project partners

- To be confirmed

Scan to Access CPT's Publications

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info@gapc.ca

www.circularplastics.ca

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