



Future Schedule of contribution directions and current projects

October 26, 2017



**Broadening of the
designated materials
subject to a fee
Business-to-business (B2B)**

More materials, more contributors, more equity: broadening to reduce



➔ Designated containers, packaging and printed matter

➔ Short-life containers and packaging and printed matter sold as products* (T2018)

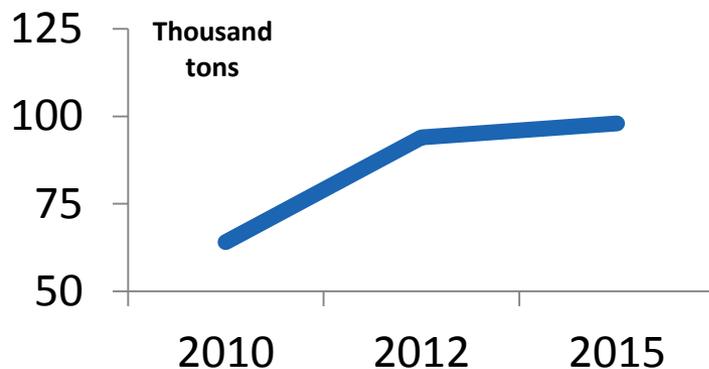
➔ Materials generated by B2B* (upcoming)

Economic context

The costs related to the materials generated by B2B are already included in the SoC



Share relating to the quantities generated by ICI in the 2015 report on waste management released by RECYC-QUÉBEC



Share of ICI organizations that benefit from municipal curbside recycling programs on the rise since 2010, according to RECYC-QUÉBEC reports

B2B: an issue of equity

Requests expressed by companies

- Equity between companies subject to the SoC
- B2B subject to a fee:
 - Simple
 - Predictable
 - Progressively introduced
- Basic deduction without additional efforts
- Personalized deduction eligible

The status quo is no longer an option

B2B: simplified reporting approach

- ÉEQ is considering a simplified reporting approach
- The focus will be on simplicity for companies (and not detail)



Specific cases and examples will be developed with associations and companies

Considering a simplified reporting approach

Progressive introduction of designated materials subject to a fee

- Rates for cardboard shipping boxes first

Options examined

- Basic deduction or personalized deduction for the share of materials subject to non municipal programs



Next steps

- Set out the reporting principles for the materials that are generated
- Compile survey results to determine the basic deduction for companies that wish to submit a simplified report
- Establish the materials subject to a fee that will be progressively introduced:
 - Starting with cardboard shipping boxes
 - Broadening to other fibres (paper, cardboard, etc.) and to materials in the plastics category
- Meet with the companies that could potentially be the most impacted

Reminder: Not included in the 2018 SoC



**Performance analysis
of the materials in the
value chain to direct
ÉEQ's actions**

ÉEQ's actions based on performance analysis

- Review of amalgams
- Identification of problematic and disruptive materials based on specific criteria
- Rate adjustment (bonus/malus) based on the performance of the materials
- Directions for the credit program for the use of innovative environmental criteria
- Directions for optimization opportunities based on the issues that are identified



Performance analysis methodology

Four analysis criteria selected
Based on value chain perspective

1. Stream (quantities generated and processed)
2. Ease of sorting
3. Disruption of the sorting or recycling process
4. Markets

There are more materials analyzed than the 30 materials in the SoC (e.g. other plastics)

Analysis of each material based on the current situation

Score (0 to 3) for each material based on the prevailing situation in the current value chain (80-20 rule)

Next steps

- Validate the criteria with stakeholders
- Establish scores with industry
- Discuss the resulting criteria, methodology, analysis and classification with CSSA
- Validate scores with experts - Québec



Best Practices Initiative

**Away-from-Home
Recovery Program**

Packplay 2

Circular Economy

**Innovative Glass Works
Plan**

EEQ.ca

**Closure of the Chinese
Market**

**Strategic Planning and Risk
Management**



**BEST PRACTICES
INITIATIVE**
*For effective
curbside recycling*



ÉEQ's leading initiative to **influence** municipal decision-makers to optimize curbside recycling

The Best Practices Initiative therefore aims to strengthen our **ties** with municipalities to:

- Enhance the **performance** of curbside recycling
- Reduce the **costs** compensated by contributing companies



2013-2017 Away-from-Home Recovery Program

Over 19 000 “away-from-home” multi-material recovery equipment in Québec
Including 11 100 funded through the Program

- Some 630 local and regional municipalities and public transportation agencies
- Nearly 4 000 locations
- Over 3 500 tonnes recovered annually
- \$6.5M in funding

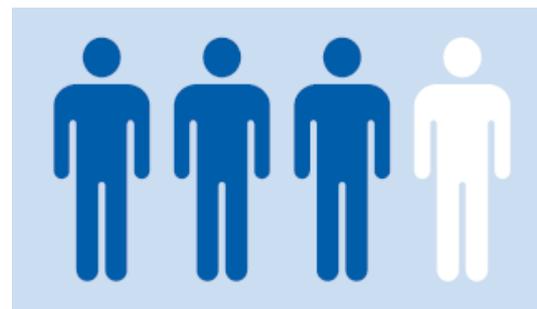


Away-from-Home Recovery program

Needed equipment and high-performance results!

- Over 800 kg/year for equipment on commercial streets
- Under 200 kg/year for equipment in parks

Nearly one out of four (74%) respondents sought access to more recovery equipment in public spaces, specifically in parks and along commercial streets



Source: 2015 CROP survey

Student creativity serving packaging ecodesign



North America's first bilingual packaging ecodesign reference

- 181 projects
- 19 schools and universities in 11 countries
- Canada, US, Germany, Finland, France, Italy, India, Switzerland, etc.

Un projet en collaboration avec



Digital edition available in November: Packplay.ca

Circular Economy

Foster the circular economy to reduce dependency on exports and stimulate local markets

ÉEQ is a member of the circular economy group of the Institut de l'Environnement, du Développement Durable et de l'Économie Circulaire (EDDEC)

First province-wide study on the circular economy currently underway with:

- Conseil du patronat du Québec (CPQ)
- Conseil patronal de l'environnement du Québec (CPEQ)
- Institut EDDEC and ÉEQ



Innovative Glass Works Plan

Over \$10M invested
Aims to solve the glass challenge
A first in North America

- 5 experimental pilot projects carried out in sorting centres
- Montréal sorting centre to join in 2019
- Leading-edge glass cleaning and sorting equipment
- Up to 99% pure glass
- Project period: 15 months
- Market development
- Support from the government of Québec
- Pilot project follow-up committee in collaboration with RECYC-QUÉBEC



Innovative Glass Works Plan



Innovative Glass Works Plan - A solution for 100% of glass collected via curbside recycling

Closure of the Chinese Market

Major impacts on the recycling industry
Green Fence, National Sword and ban

ÉEQ is monitoring developments very closely

We are working with the industry and the entire value chain stakeholders

Objective: Implement measures to anticipate collateral damages

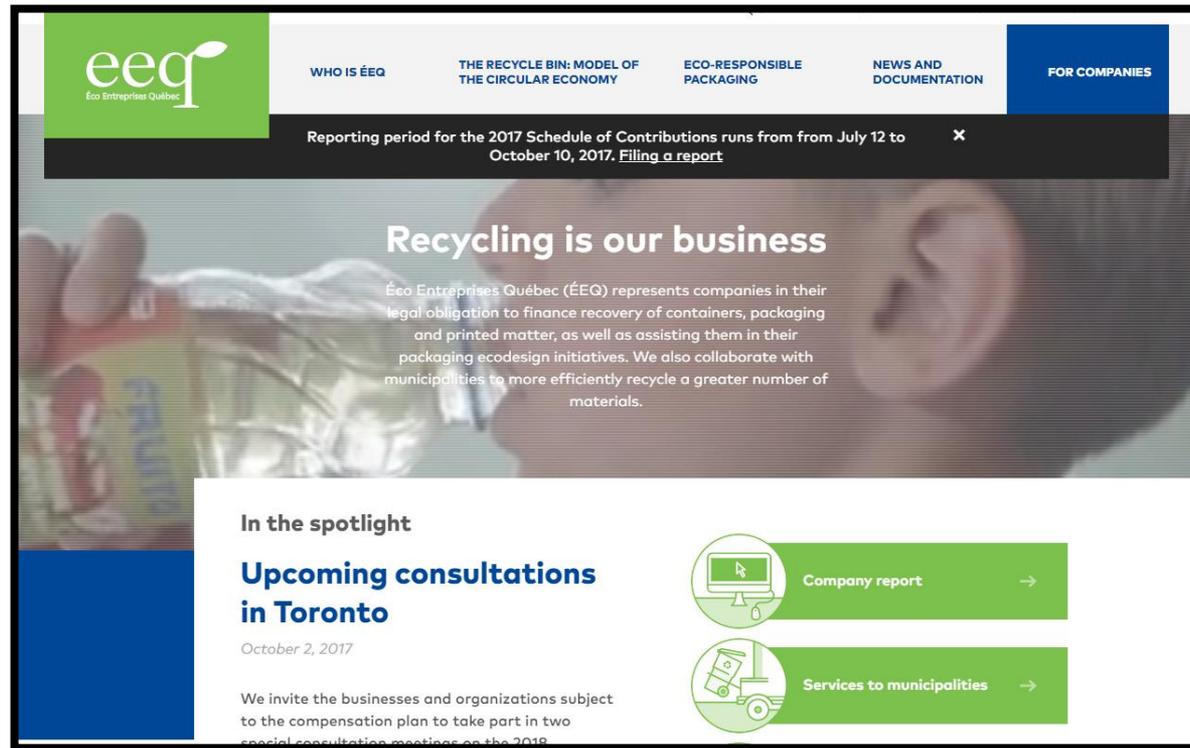
China says it won't take any more foreign garbage

China mulls import action beyond National Sword

Posted on June 14, 2017

ÉEQ.ca: our new Web Site

- More user-friendly online experience
- Easier browsing and searching
- Accessible from all devices



Conclusion

Thinking outside the (blue) box!

The optimization of curbside recycling to benefit contributing companies and all stakeholders in Québec's system

Stabilizing
fees

Get
municipalities
to adopt best
practices

Invest
in the circular
economy





Questions



**Thank you for your
participation!**