COCA-COLA (JAPAN) COMPANY

Innovation for Cool Earth Forum

Promoting Circular Economy Through Our World Without Waste Commitment

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Titoy Francisco
Executive Vice President, General Manager, Technical
The Coca-Cola Japan System

Overview
Figures highlighting our local presence

PET Bottles’ Highlights
Highlights of advantages of PET bottles
Reducing the environmental load:
  Lightening the weight of our PET bottles
  Propelling the use of Plant-based PET

Further innovation on PET bottles

  World’s First Closed Loop PET Bottle Recycling Scheme
  Roadmap for the 2030 Packaging Vision

Issues and Proposals

  Needs to improve the efficiency of post-consumer packaging collection
The Coca-Cola Japan System

Coca-Cola (Japan) Company
The Coca-Cola Japan System: Overview

62 years in Japan since 1957
The Coca-Cola Japan System: Figures highlighting our local presence

- **Approx. 20,000** system employees
- **5** bottlers in Japan (including a concentrate plant)
- **22** plants
- **Approx. 880,000** vending machines across Japan
- **Approx. 480,000** partner stores

※As of July 2019
PET Bottles’ Highlights
PET bottles: Highlights of advantages of PET bottles

Light Weight
- Easy to carry

Resealable
- Keeping a bottle sanitized

Recyclable
- Utilizing as a resource

Malleable
- Easy to create various sized PET bottles to meet consumers’ needs

Durable
- Resilient to strong pressure

Transparent
- Easy to identify the content of a bottle

Source: Council for PET Bottle Recycling; Coca-Cola (Japan) Company, Ltd.
Reducing environmental load: lightening the weight of our PET bottles
Reducing environmental load: Propelling the use of Plant-based PET

16,411 kℓ

Plant-based PET Reduced the use of crude oil compared to virgin PET by introducing plant-based PET between 2015 and 2018
Further innovation on PET bottles
Further innovation on PET bottles: Roadmap for the 2030 Packaging Vision

We will establish a Circular Economy for PET

<table>
<thead>
<tr>
<th>(Now)</th>
<th>2019</th>
<th>2022</th>
<th>2025</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design</strong></td>
<td>Bottle-to-bottle recycling¹ / Sustainable materials</td>
<td><strong>Design</strong></td>
<td>Bottle-to-bottle recycling rate</td>
<td><strong>Design</strong></td>
</tr>
<tr>
<td>Approx. 17%</td>
<td><strong>Collect</strong></td>
<td>Collection</td>
<td>Fully recycled PET bottles realised</td>
<td><strong>Partner</strong></td>
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<tr>
<td><strong>Collect</strong></td>
<td></td>
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<td>Hajime Ryotetsu Ichinishi Japan</td>
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<td><strong>Partner</strong></td>
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1. Collection and recycling of PET bottles for reuse as PET bottles
2. Includes caps and neck rings

100% of PET plastic use per bottle (compared to 2004)

35% reduction

90% bottle-to-bottle recycling rate

Zero new fossil fuels

Sold

Collected

Work with various partners to build and maintain more reliable packaging collection and recycling schemes
Further innovation on PET bottles:
World’s First Closed Loop PET Bottle Recycling Scheme

Customers (Consumers)

Seven & i Holdings Retail Outlets Collect Used PET Bottles

Transport Collect Used PET Bottles for pressing (making bales)

Closed Loop PET Bottle Recycling Scheme
(Creating Plastic Bottles made from 100% Recycled Bottles) *

Coca-Cola System
100% Recycled PET Bottles are made into new products

Recycler
Used PET Bottles are recycled (Bottle to Bottle)

*This product is packaged in a recycled PET bottle made with 100% recycled PET resin from PET bottles collected from consumers at Seven & i Group stores
Issues and Proposals
Issues and Proposals: Needs to improve the efficiency of post-consumer packaging collection

- **Collection rate in Japan (including the portion being properly collected as waste and disposed through incineration process):** approx. over 98%
- **Rate of post-consumer PET bottles failed to be collected properly:** approx. less than 2%

To further improve the collection rate

*From left: Yohei Sasakawa, Chairman of Nippon Foundation and Jorge Garduño, President and Representative Director of CCJC*
COCA-COLA (JAPAN) COMPANY