

# Outline of Tokyo Plastic Strategy

## For sustainable use of plastics

- We must stop climate change and biodiversity loss caused by massive resource consumption.
- Reduce CO<sub>2</sub> emissions upstream of resource consumption in Tokyo, contributing to net zero CO<sub>2</sub> worldwide.

Aim for sustainable use of plastics with net zero CO<sub>2</sub> and no marine plastics by 2050.

## Roadmap for sustainable use of plastics

- Achieve significant reduction and eliminate unnecessary single-use plastics.
- Transform plastics into sustainable, valuable materials.
- Implement and expand the use of innovative technologies, such as closed-loop recycling.
- Eliminate plastics flowing into the ocean.

### Goal – Tokyo's visions for 2050

- Plastic use with net zero CO<sub>2</sub>
- No marine plastics

\* Closed-loop recycling provides virgin-quality recycled resin.

### Milestone – 2030 targets

- Incineration of plastic waste from households and large office buildings reduced by 40% compared to 2017

- Foster empathy to promote behavior change.
- Create innovations in cooperation with businesses.
- Enhance separation and recycling in cooperation with municipalities.
- Build domestic resource circulation routes, curb the generation of marine litter.

2020

Reduce disposable plastics and realize advanced recycling of plastic waste at the Tokyo 2020 Games

2030

## Main initiatives to achieve the 2030 targets Reduce, Reuse, Closed-loop Recycling

- **Thorough review of disposables, shift to a reuse-based society**
  - Do not depend on disposable plastics.
  - **Promote new business models** etc.
- **Enhancing circular use**
  - Promote **expansion of separate collection of plastic containers and packaging** by municipalities.
    - Cooperate with municipalities to solve cost and facility issues.
  - **3R advisors** promote source separation and recycling at commercial buildings.
  - Promote **bottle-to-bottle** recycling of plastic bottles.
    - Cooperate with beverage manufacturers to implement model projects.
- **Emergency measures to promote circular use of waste plastic in Japan**
  - To cope with the tight conditions of the plastic waste recycling market and prevent illegal dumping, promote **the building of new resource circulation routes** in cooperation with industry organizations.
  - **TOKYO Zero Marine Litter Action, shift from incineration and heat recovery,** etc.

*Example:* Products provided in returnable containers



©TerraCycle

## Developing initiatives Partnerships and innovations

- **Spurred on by the Tokyo 2020 Games:**
  - Reduce disposable plastics and promote advanced and high-quality recycling.
- **Partnerships, international cooperation**
  - Cooperate through "Team Mottainai," cooperate with businesses and universities in Tokyo.
  - Hold SPO-GOMI Contest in Asia etc.
- **Making rules, promoting introduction of innovative technologies and business models**



SPO-GOMI Contest in Tomsk, Russia