

Tokyo's Plastic Strategy for a Decarbonized Economy and Actions against Plastics in Rivers

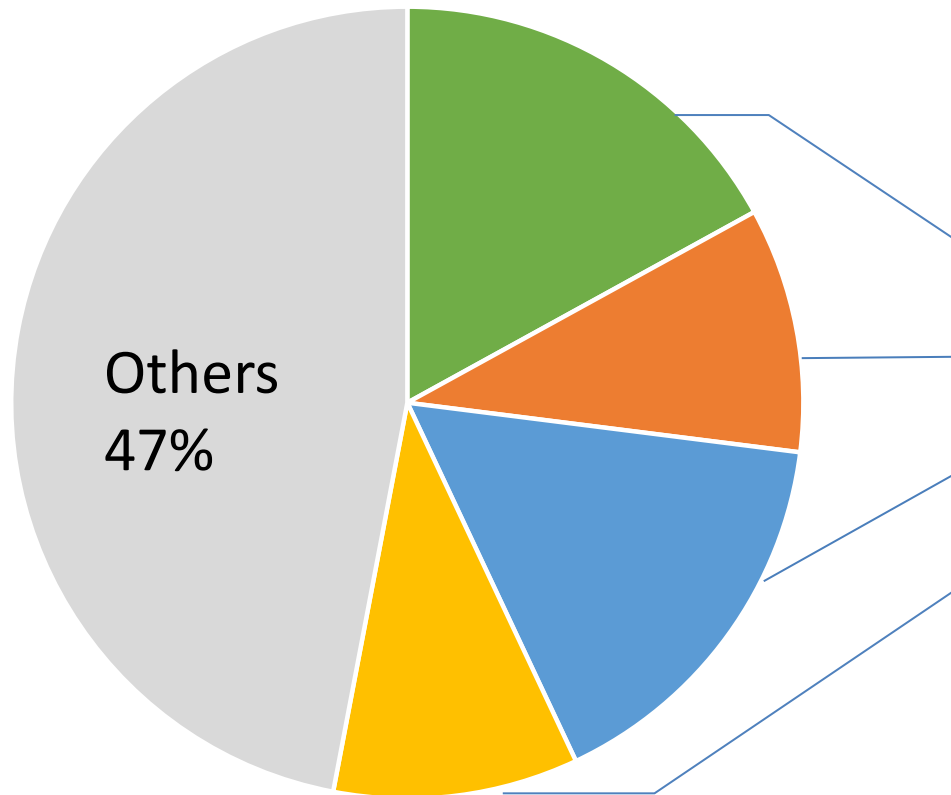
Shiori IWANAGA

Sustainable Materials Management Division,
Bureau of Environment, Tokyo Metropolitan Government

How are green house gas emissions produced?

- Half of the GHG emissions comes from extraction and primary processing of resources

Global GHG emissions



(Ratio to the global GHG emissions)

Biomass 17% Not including LULUCF

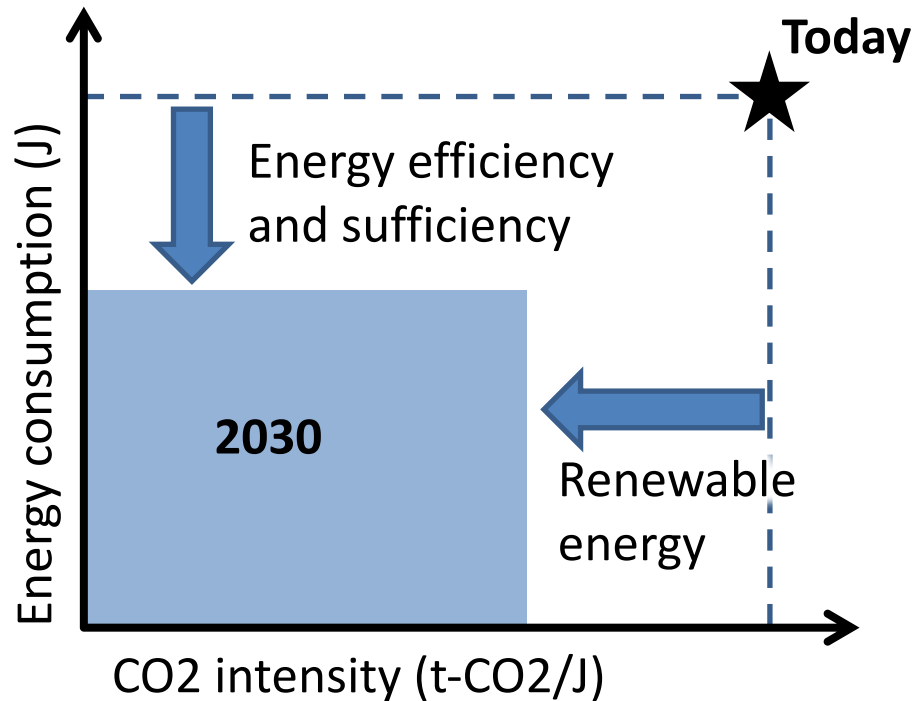
Metals 10%

Fossil fuel 16% Including oil refinery

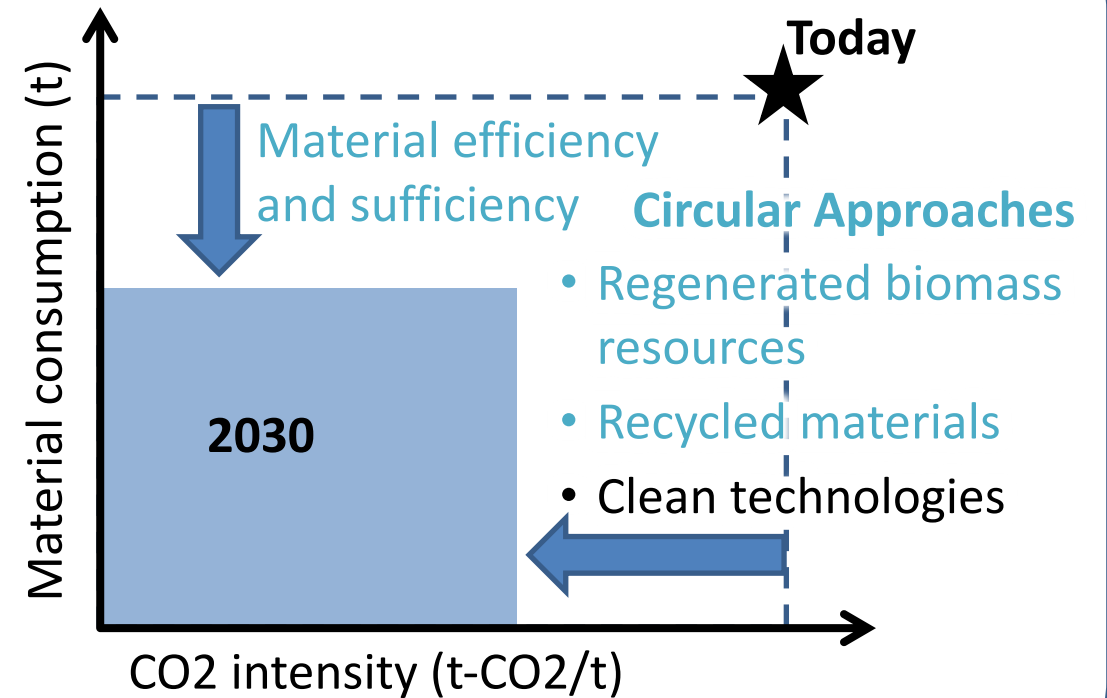
Minerals 10%

Strategies to decarbonize our consumption

To decarbonize energy consumption



To decarbonize material consumption

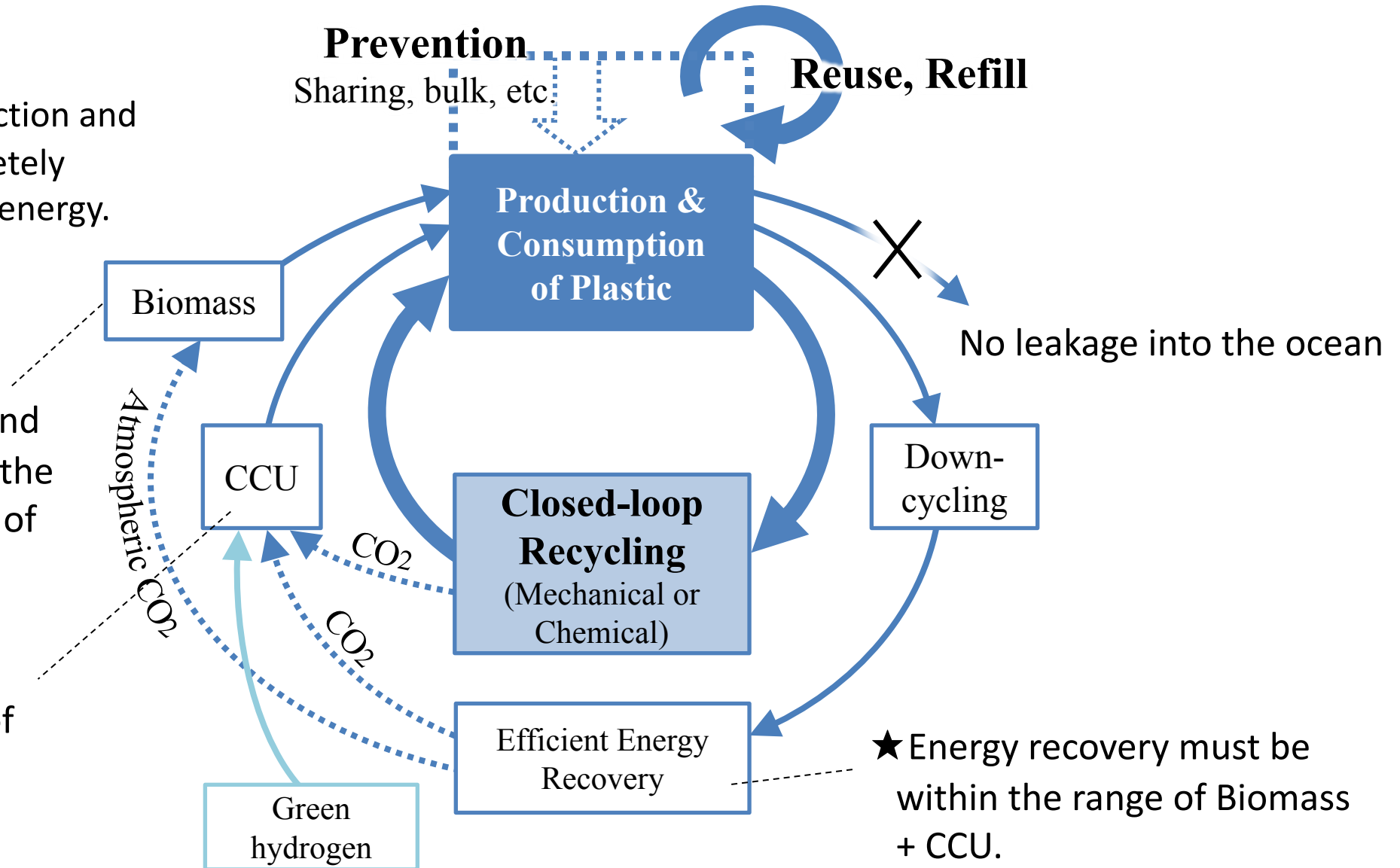


CCC: Carbon-closed Cycle

★ Energy for plastic production and recycling must be completely covered with renewable energy.

★ Biomass use with no land use change, and within the limit of the growth rate of plants

★ CCU within the range of the supply of CO₂-free hydrogen

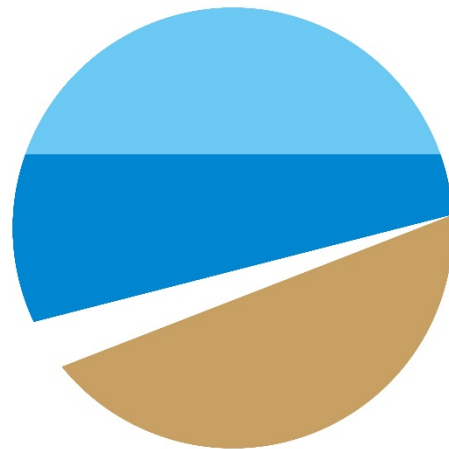


★ Energy recovery must be within the range of Biomass + CCU.

Plastic pollution and Tokyo

Tokyo Plastic Strategy

- Formulated as one of the priority areas in a plan, “Zero Emission Tokyo Strategy”
- Shows detailed initiatives such as prevention of plastic waste into ocean



TOKYO
海ごみゼロ
アクション

TOKYO
Z E R O
MARINE
LITTER
ACTION

TOKYO ZERO MARINE LITTER ACTION



- Visualizes plastic pollution in rivers and waters in Tokyo with an aim to prevent plastic waste from being flown out into the seas
- Raises public awareness and encourage participation in river/coastal cleanup activities

Initiatives

1. Raising awareness and interests on plastic pollution
2. Retaining and recruiting people who is constantly involved to cleanup activities
3. Reinforcing marine litter collection scheme in the island areas
4. Grasping the actual conditions of marine litter
5. Establishing the “Plan for the Promotion of Marine Litter Disposal”

TOKYO ZERO MARINE LITTER ACTION



Raising public awareness

- Bringing up current status of marine litter in Tokyo and commitments against plastic pollution
- Raising awareness of the marine litter issues by providing easy-to-understand information to Tokyo residents



Communication on website



Workshop at community festival



Collaboration with NGOs

TOKYO ZERO MARINE LITTER ACTION

Offering experiences to clean riverside and beach

Experience-based programs which are open to beginners

- Creating opportunities for Tokyo citizen to take action against plastic pollution
- Ensuring organic collaboration among stakeholders
- Retaining and recruiting people who is constantly involved to cleanup activities



Circular Innovation Forum

Circular Innovation Forum 2021

A promotional banner for the Circular Innovation Forum 2021. The left side has a blue background with white and yellow text. The right side features a dark blue background with a glowing circular pattern of light blue lines and dots. Logos for the Tokyo Metropolitan Government and 'TIME TO ACT' are in the top right corner.

Circular Innovation Forum 2021

Organized by Bureau of Environment,
Tokyo Metropolitan Government

Supported by
EU Delegation to Japan &
EU-Japan Centre for Industrial Cooperation

サーキュラー・イノベーション・フォーラム2021

主催 東京都環境局
協力 駐日欧州連合代表部、日欧産業協力センター

We will be commencing shortly.
Friday, November 26, 2021
4:50PM—8:00PM (JST)



Governor of Tokyo



Vice-mayor of Amsterdam

Thank you for your kind attention



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