



Japan's Policy and Technology Development for Textile Recycling

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New Energy and Industrial Technology Development Organization

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Japan's Circular Economy Action Plan

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Major bottlenecks in Japan's circular economy

Inadequate
conditions for fair
competition

Insufficient collection
of recyclable
resources

Immature reuse and
recycling
technologies

Limited demand and
underdeveloped
markets for recycled
materials

Unproven
commercial viability
of circular economy
activities

1. Strengthen supply chains for
secondary resources

2. Establish a global circular resource
network with Japan as a hub

3. Revitalize regions through local
resource circulation

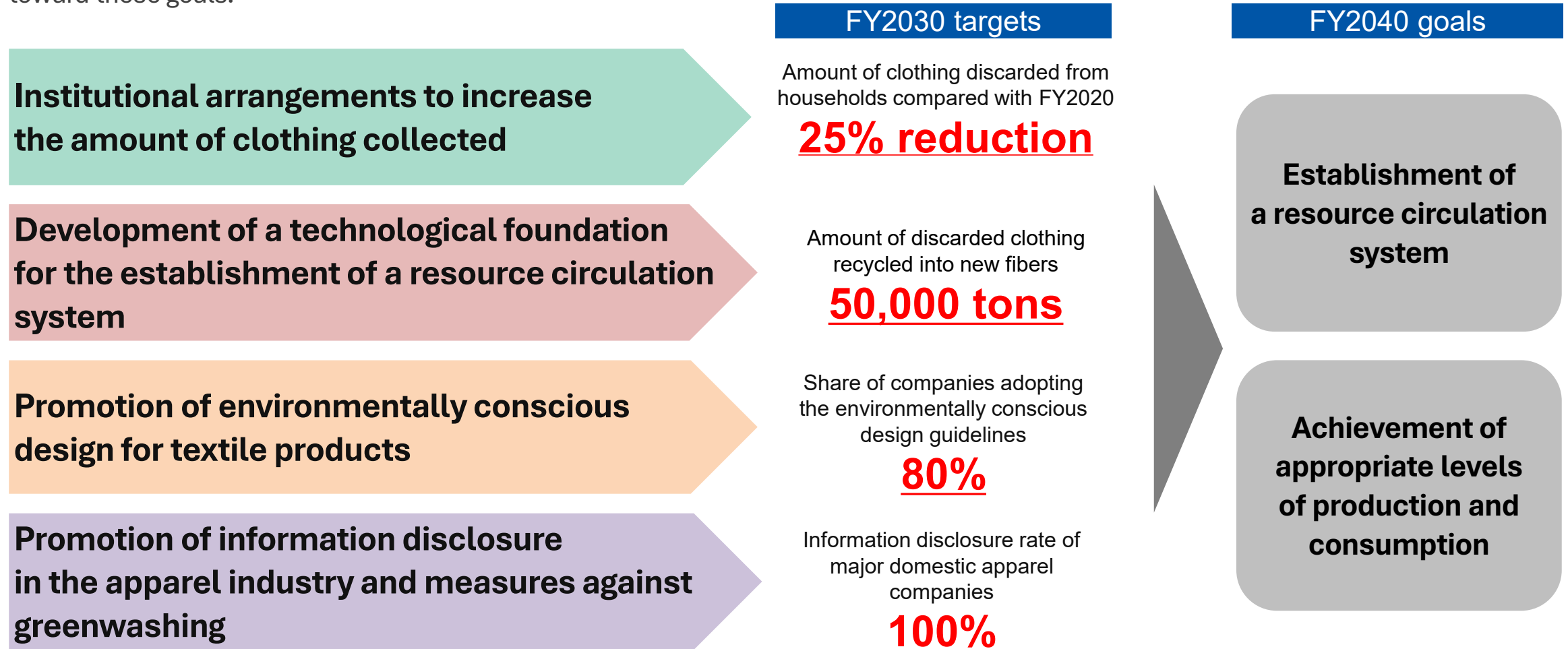
4. Shape international rules

5. Make the circular economy a
nationwide movement

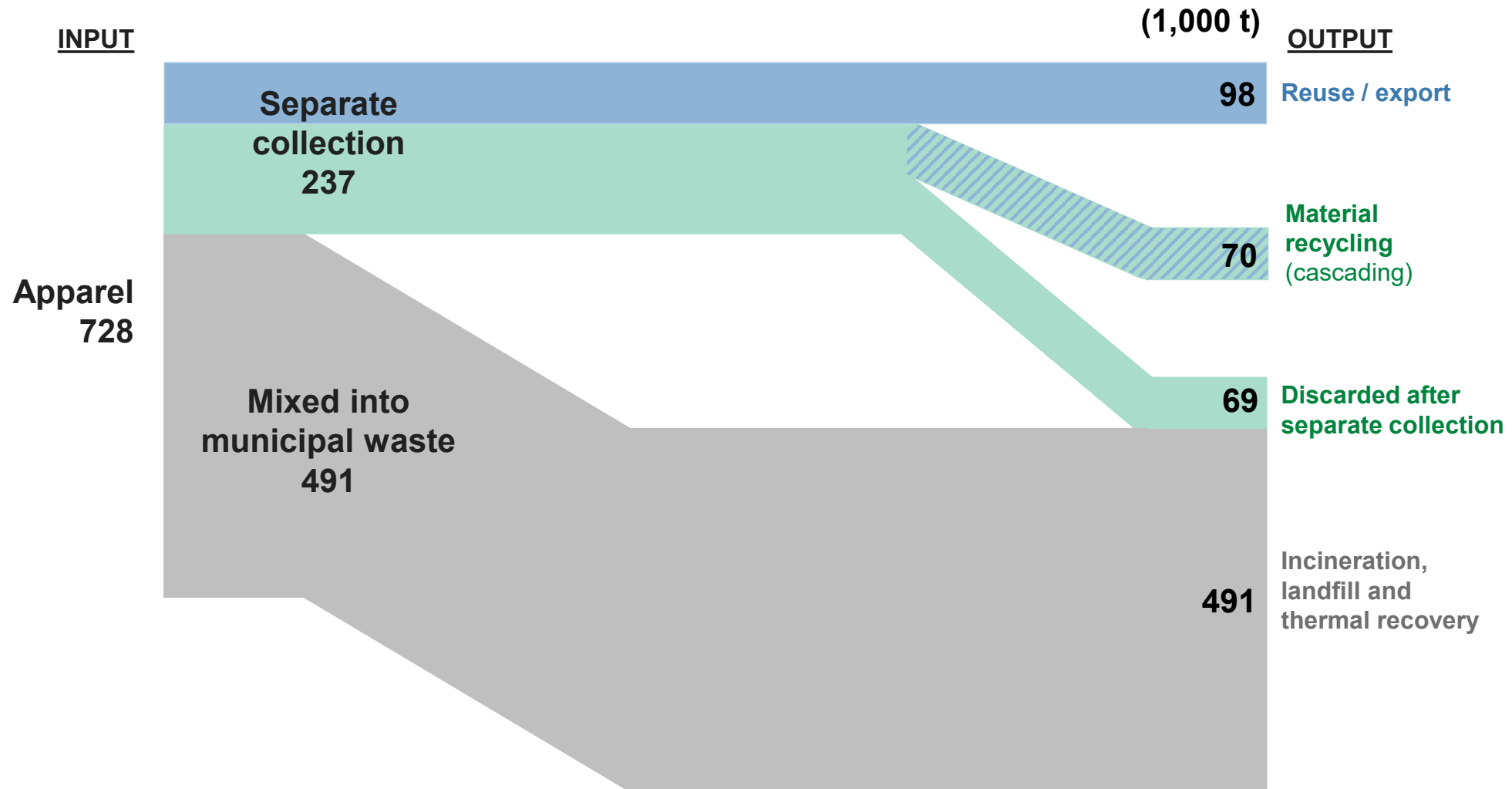
Roadmap for Resource Circularity in Textile Products

Published in June 2024

The roadmap aims to establish a resource circulation system and achieve appropriate levels of production and consumption by FY2040. It sets intermediate targets for FY2030 to track progress toward these goals.



Material Flows of Textiles in Japan



Source: Prepared by Deloitte as a part of NEDO's study project in FY2025, based on the Council for PET Bottle Recycling, "PET Bottle Recycling Annual Report 2024"; Ministry of the Environment, "Current Status toward Building a Resource Circulation System for Clothing"; and expert interviews.

Bioeconomy: Expanding the Resource Base for Circularity

