

International Standardization Project for Value Chain Circularity Indicators and Corporate Disclosure Schemes



The Ministry of the Environment is implementing the following initiatives (BRIDGE) to enhance the value of Japanese companies in the circular economy and maintain and strengthen the international competitiveness of their products and services.

■ Development of a corporate-level information disclosure scheme for resource circulation

Developing each component aligned with the 4 Pillars disclosure framework (Risk Management, Strategy, Metrics & Targets, Governance), while organizing and developing sector-common circularity metrics at the corporate level.

■ Development of an international standardization strategy and circularity metrics at the value chain level

Developing circularity metrics tailored to the characteristics of each value chain and formulating an international standardization strategy for their standardization.

Development of a corporate-level information disclosure scheme for resource circulation

Overview

Create a draft scheme and common metrics for companies to measure, evaluate, and report progress in a comparable manner.

Participant

Experts with knowledge of resource circulation and non-financial information disclosure, financial institutions, manufacturers, etc.

Goal

Contributing to the development of GCP
(First edition published in November 2025 (ver. 1.0), subject to future improvements)

Global standardization of disclosure schemes for circularity

Development of an international standardization strategy and circularity metrics at the value chain level

Developed indicators for 10 value chains, considering environmental impact, product characteristics, and the competitive advantages of Japanese companies.

Target Industries: Iron, Aluminum, Copper, Plastics, Paper, Automotive, Textiles, Electrical Equipment, Rubber, Construction

Experts with knowledge of environmental impacts in the value chain, LCA, and international standardization, as well as manufacturers, etc.

Development of circularity indicators for the value chain by fiscal year 2026

International standardization of circularity indicators based on the formulated strategy

Lead the development of international rules for the circular economy, and maintain and enhance investment promotion for Japanese companies and their competitiveness in the global circular economy market.