

Product Stewardship

Basic Approach

In order to increase corporate value and realize a sustainable society, the TOPPAN Group is promoting sustainability management to realize its vision of becoming “A leading provider of solutions for social issues worldwide through DX and SX.”

The TOPPAN Group Declaration on the Global Environment, the basic philosophy of the TOPPAN Group for global environmental conservation, stipulates that “3. With foresight, we promote the development and widespread use of products that show consideration for the environment, and contribute to the environmental activities of customers.” Based on this declaration, we are working on environmentally friendly product design.

Standards for Environmentally Friendly Products

The TOPPAN Group has established standards based on two points: “Environmentally Friendly Throughout the Product Life Cycle (material procurement, production, transportation, use, disposal and recycling)” and “Certification of Environmental Friendliness.”

The following points are taken into consideration in the standard for Environmentally Friendly Throughout the Product Life Cycle:

- Reduction of hazardous substances
- Procurement of raw materials leading to sustainable use of resources
- Reduction of energy consumption in production
- Use of renewable energy
- Water consumption
- Reduction of waste emissions
- Improvement of transport efficiency
- Reduction of environmental impact and extension of product life during use
- Consideration of reusability and recyclability at the disposal and recycling stages

In the area of Certification of Environmental Friendliness, we are also working to appeal to consumers through our products by using Life Cycle Assessment (LCA) and labeling based on third party certification.

Registration System for Environmentally Friendly Products

The TOPPAN Group has put in place a system to register products that meet our internal standards as environmentally friendly products. As of June 2025, 94 products have been registered.

Environmentally Friendly Products (94 products as of June 2025)

Business Field	Product	Standard Categories
Information & Communication	Ecothrough Card	Suitability for disposal
	Bulky Waste Processing Sticker	Resource saving (reduced use of materials)
	Eco Pack (life-size POP display)	Resource saving (reduced use of materials)
	Paper Desk Calendar	Use of recycled materials
	Ecology Calendar	Use of recycled materials
	Non-vinyl Chloride Lenticular Lens	Suitability for disposal
	Eco Pack Multipanel	Reusability
	Eco Floor Sticker	Suitability for disposal
	Eco Pack End Panel	Resource saving
	Eco Pack Stand (round type)	Resource saving
	Disk Tottokun Series	Resource saving, prolonged product life, recyclability, suitability for disposal
	Ultra-thin DM (brochures, etc.)	Resource saving, reduced energy consumption in production, recyclability
	Eco Pack Multipanel Mini	Reusability, prolonged product life, recyclability, easy separation and disassembly
	Multicube POP	Reusability, prolonged product life, recyclability, easy separation and disassembly
	Green Bankbook	Recyclability, suitability for disposal
	KAMICARD®	Biodegradability, use of safe materials, resource saving, recyclability
	KAMI-RFID CARD	Recyclability, use of safe materials, resource saving, easy separation and disassembly
	Printed materials with environmental logos	Reduced use of chemical substances, reduced use of hazardous substances, use of recycled materials, use of sustainable resources, use of renewable energy, carbon offsetting, labeling with environmental logos
	FeliCa A02F (SD1) / Recycled PCT-G Card	Use of recycled plastics
	ECO envelopes	Use of recycled plastics, use of forest-certified paper, alternatives to petroleum-based materials and mineral resources
	Mailing products with FSC-certified paper	Use of forest-certified paper
	Envelope and postcards with carbon offset	Implementation of carbon offset
	Wanpa☆ku Mail ECO	Use of forest-certified paper, alternatives to petroleum-based materials and mineral resources
	Paper file (e-file)	Use of forest-certified paper, alternatives to petroleum-based materials and mineral resources, easy separation and disassembly for recycling
	Biomass labels	Display of environmental logos
	Label products using FSC-certified paper	Use of forest-certified paper
Electronics	Recycled PET-G dual interface card	Use of recycled plastics, implementation of carbon offset, reduction of harmful gas emissions during disposal, display of environmental logos
	Recycled PET-G card with magnetic stripe concealed	Use of recycled plastics
	Flip chip ball grid array [FC-BGA] substrate (halogen free)	Suitability for disposal
	Color filter (resin black matrix [BM])	Use of safe materials, energy saving, reduced release of chemical substances, suitability for disposal
	Palladium pre-plated leadframe	Use of safe materials, reduced release of chemical substances, suitability for disposal
	Flip chip ball grid array [FC-BGA] substrate (lead free)	Use of safe materials, reduced release of chemical substances, suitability for disposal

Business Field	Product	Standard Categories
Living & Industry	Toppan Ecowall	Reduced release of chemical substances, use of safe materials, suitability for disposal
	TOPPAN ECO SHEET	Reduced release of chemical substances, extension of product life
	GL BARRIER (Exceptional*)	Use of sustainable resources, resource-saving efforts
	Stand-up Pouch	Resource-saving efforts
	Bottled Pouch	Resource-saving efforts
	Plastic container made from recycled materials	Use of recycled materials
	TT Paper Can	Use of sustainable resources
	TL- PAK	Recycling, improvement in transport efficiency
	EP-PAK (EP-GL)	Improvement in transport efficiency, recycling
	EP-PAK (Al)	Improvement in transport efficiency
	Stand-up Laminated Tube	Resource-saving efforts
	Recyclen Cap	Recycling
	Micro Flute	Resource-saving efforts, recycling
	Corrugated Board Cushioning Material	Recycling
	Cartocan (Exceptional*)	Use of sustainable resources, recycling, visualization of environmental burden
	Jar Plus	Resource-saving efforts, recycling
	Fluorine-free oil-repellent paper	Recycling
	In-mold Barrier Cup	Extension of product life, improvement in transport efficiency
	Easy Peel-off Thermo-Label	Recycling
	Paper carton with tamper-evident closure	Resource-saving efforts
	Clear UV-blocking Film	Use of sustainable resources
	BIOAXX (molding product)	Use of sustainable resources
	Paper cup made from pulp from forest-thinning operations	Use of sustainable resources
	Cylindrical paper-composite container for refill	Use of sustainable resources
	High-resistance Flexible Pouch	Resource-saving efforts, improvement in transport efficiency
	BIOAXX (label)	Use of sustainable resources
	Aluminum-free Lid Material	Use of sustainable resources
	Multi-layer Blow Tube	Resource-saving efforts
	Steam-release Packaging	Reduced environmental burden during use
	Air Hold Pouch	Resource-saving efforts
	BIOAXX (flexible packaging material)	Use of sustainable resources, resource saving, environmentally friendly disposal, visualization of environmental burden
	Square-bottomed Gazette Pouch	Improvement in transport efficiency, resource saving, environmentally friendly disposal
	Flexible packaging material using recycled materials	Use of recycled materials, procurement of materials with lower environmental burden, reduced energy consumption in production, environmentally friendly disposal, visualization of environmental burden
	Printed Decorative Paper (Coated Paper)	Reduced use of chemical substances, reduced use of hazardous substances

**“FeliCa” is a registered trademark of Sony Corporation.

Business Field	Product	Standard Categories
Living & Industry	Printed Decorative Paper (Coated Paper, FSC-certified)	Use of sustainable resources, reduced use of chemical substances, reduced use of hazardous substances
	Printed Decor Paper for HPL/LPL (Saturated Grade Paper)	Reduced use of chemical substances, reduced use of hazardous substances, reduced release of chemical substances
	Printed Decor Paper for HPL/LPL (Saturated Grade Paper, FSC-certified)	Use of sustainable resources, reduced use of chemical substances, reduced use of hazardous substances, reduced release of chemical substances
	Transfer paper for padded floors	Reduced use of chemical substances, reduced use of hazardous substances, reduced release of chemical substances
	Lower-VOC wallpaper (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, reduced release of chemical substances
	SnapFit	Reduced use of chemical substances, reduced use of hazardous substances, use of sustainable resources, extension of product life
	101 Coordination Floor REPREA eco (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, use of sustainable resources, extension of product life, labeling with environmental logos
	Sosogi Jozu	Resource saving, improvement in transport efficiency, environmentally friendly disposal
	Preform for PET bottles	Improvement in transport efficiency, visualization of environmental burden
	FORMANO	Reduced use of chemical substances, reduced use of hazardous substances, environmentally friendly disposal, reduced release of chemical substances, extension of product life
	FORTINA	Reduced use of chemical substances, reduced use of hazardous substances, environmentally friendly disposal, reduced release of chemical substances, extension of product life
	TOPPAN MATERIAL WOOD (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, use of recycled materials, environmentally friendly disposal, reduced release of chemical substances, extension of product life
	Smart Deli Bag	Reduced environmental burden during use
	Plastic UV ink container	Use of recycled materials, use of sustainable resources, improvement in transport efficiency, recycling
	Forest-certified-paper packaging	Use of sustainable resources, labeling with environmental logos
	Biodegradable plastic products	Use of biodegradable materials
	Cardboard with shrink wrap packaging	Resource saving, reduced energy consumption in production, improvement in transport efficiency, recycling
	FINE FEEL (101 Materium)	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, extension of product life, environmentally friendly disposal
	EP-PAK Fold & Tear/Easy Removal Cap (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, use of sustainable resources, improvement in transport efficiency, recycling, environmentally friendly disposal, labeling with environmental logos
	BIOAXX flexible packaging material (Eco Mark certified) (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, use of sustainable resources, environmentally friendly disposal, visualization of environmental burden, labeling with environmental logos
	Flexible packaging material using recycled materials (Eco Mark certified) (Exceptional*)	Reduced use of chemical substances, reduced use of hazardous substances, use of recycled materials, resource saving, reduced energy consumption in production, environmentally friendly disposal, visualization of environmental burden, labeling with environmental logos
	Itadaki Pouch™	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, environmentally friendly disposal
	KaruTech™	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, environmentally friendly disposal
	Pitatto Paper Tray™	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, use of sustainable resources, environmentally friendly disposal

Business Field	Product	Standard Categories
Living & Industry	Mono-Material Barrier Packaging	Reduced use of chemical substances, reduced use of hazardous substances, use of sustainable resources, extension of product life, recycling, environmentally friendly disposal
	Microwavable Paper Tray™	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, use of sustainable resources, extension of product life, environmentally friendly disposal
	Tube-Pouch™	Reduced use of chemical substances, reduced use of hazardous substances, resource saving, extension of product life, environmentally friendly disposal, visualization of environmental burden
	ECOLUSTER™ packaging	Reduced use of chemical substances, reduced use of hazardous substances, use of sustainable resources, reduced energy consumption in production, environmentally friendly disposal, visualization of environmental burden

*Exceptional environmentally friendly product

SX Initiatives

The TOPPAN Group aims to achieve sustainability management through its businesses with the goal of “transitioning to a circular economy,” and promotes initiatives for “SX (Sustainable Transformation).” Within the focus areas of Business Materiality, we have set goals for “expanding eco-friendly products and solutions” under the TOPPAN Business Action for SDGs. We position products and services that contribute to resource efficiency and climate change countermeasures—such as the shift to mono-material GL Film in our packaging business—as “SX priority themes,” and are working toward achieving 300 billion yen in sales by fiscal 2030.

SX Priority Theme Sales

Fiscal 2022	Fiscal 2023	Fiscal 2024	Fiscal 2025 Target	Fiscal 2030 Target
94.3 billion yen	119.4 billion yen	141.9 billion yen	200 billion yen	300 billion yen

Green Procurement

JFPI Green Procurement Standards for Paper and Level of Fulfillment

Green Principle	Level 1	Level 2	Fiscal 2024 Result*1
1. Using recycled paper or paper made with fewer forest resources (excluding covers for brochures)	An overall rating of 80 or higher*2 is given when evaluating the pulp blending ratio determined by procurement policies aimed at sustainability, such as the blended ratio of waste paper pulp, forest-certified wood pulp, forest-thinning wood pulp, or managed wood pulp, and whiteness or coating weight.	Non-wood paper, forest-thinning wood paper, and lightweight paper*2 not corresponding to Level-1*2	63.6%
2. Reducing component properties obstructive to waste paper recycling	Non-usage of printing materials with waste paper recyclability rankings of B, C, or D	Non-usage of printing materials with waste paper recyclability rankings of C or D	
3. Procuring from companies actively engaged in sourcing raw materials with a focus on sustainability	Procuring from companies actively engaged in ensuring the sustainability of paper resources		

Note: Result under the Japan Federation of Printing Industries (JFPI) Green Standards for Offset Printing Services (February 20, 2024 revision)

*1 Level 1 or 2 paper used (kg) / offset paper purchased (kg)

*2 The definitions of terms and calculation of overall ratings are based on the “Basic Policy on the Promotion of the Procurement of Eco-friendly Goods” under the Green Purchasing Law.

JFPI Green Procurement Standards for Ink and Level of Fulfillment

Green Principle	Level 1	Level 2	Fiscal 2024 Result*
1. Avoiding the use of substances harmful to the human body	Conformance with the NL regulations of the Japan Printing Ink Makers Association		95.7%
2. Considering chemical substances designated under the PRTR law of Japan	Non-usage of substances designated under the PRTR law	Identification of substances designated under the PRTR law (via SDSs)	
3. Controlling VOC emissions (for offset ink, excluding heat-set ink for web press)	Non-VOC ink or UV ink	Vegetable oil ink or “ig” ink (labeling with Ink Green Mark)	
4. Using sustainable resources (for heat-set ink for web press)	Vegetable oil ink or “ig” ink (labeling with Ink Green Mark)		
5. Reducing component properties obstructive to waste paper recycling	Non-usage of printing materials with waste paper recyclability rankings of B, C, or D	Non-usage of printing materials with waste paper recyclability rankings of C or D	

Note: Result under the JFPI Green Standards for Offset Printing Services (February 20, 2024 revision)

*Level 1 or 2 ink used (kg) / offset ink purchased (kg)

Participating in the Green Purchasing Network

The Green Purchasing Network (GPN) of Japan was established in 1996 as a loose-knit network of businesses, civilian organizations, government agencies, and other entities proactively engaged in green purchasing practices. GPN is convinced that green purchasing plays a critical role in the formulation of a market for eco-products on a scale sufficient to facilitate eco-product development. GPN believes that green purchasing will contribute significantly to the realization of a sustainable society.

As a GPN member, TOPPAN Holdings Inc. provides printing services based on the GPN Ordering Guidelines for Printing Services.



[Green Purchasing Network](#) >

<https://www.gpn.jp/english/>

CFP and Carbon Offsetting Initiatives

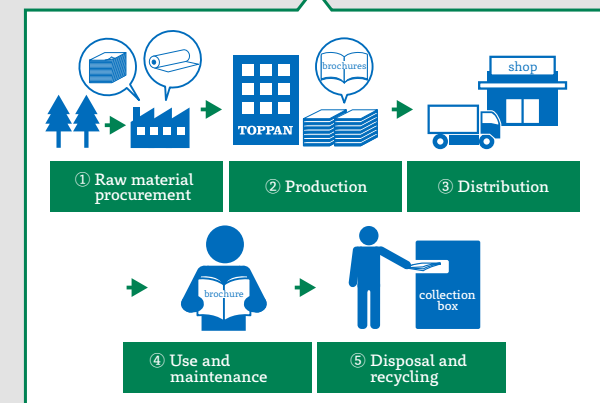
TOPPAN Inc. has been visualizing CO₂ emissions associated with printed materials and events through CFP* and carbon offsetting initiatives. Its one-stop service for client companies covers every step from CFP quantification to carbon-offset certification. This procedure has also been applied to the company's own products and events. In fiscal 2024, 33 calculations were conducted using the "carbon footprint comprehensive calculation system," which obtained certification in fiscal 2023. We will continue actively leveraging this system to further our efforts in visualizing CO₂ emissions.

*"Carbon footprint of products (CFP)," a project advocated by the Japanese Ministry of Economy, Trade and Industry

Framework for CFP and Carbon Offsetting

Carbon Footprint of Products (CFP)

Quantify CO₂-equivalent greenhouse gas (GHG) emissions throughout the entire life cycle (①–⑤) of a product and display the CFP data on printed materials.



Carbon Offsetting

Partially or completely "offsetting" difficult-to-reduce GHG emissions with equivalent credits (GHG-emission reduction values and/or GHG absorption values) earned elsewhere.