



<http://www.cfp-japan.jp/>

Carbon Footprint of Products Guidebook 2009-2011

Carbon Footprint of Products Guidebook

2009-2011

Ministry of Economy, Trade and Industry

123g

CO₂



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Foreword

Making a reality of the “low carbon society” is a vital issue for Japan, and indeed internationally. The Carbon Footprint of Products (CFP) system began as a system to convert all the greenhouse gas (GHG) emissions arising throughout the life cycle of products and services into the equivalent volume of CO₂ produced and to label the figures. This was conducted as a part of the efforts to achieve “visualization” under the Action Plan for Achieving a Low-carbon Society that was approved by the Cabinet on July 29, 2008.

From fiscal 2009 the Ministry of Economy, Trade and Industry promoted the CFP Pilot Project in collaboration with other related governmental ministries and agencies, as the groundwork for constructing the CFP system. By conducting the market entry trial and further refining systems for carbon footprint products and services, the Pilot Project aimed to achieve the visualization of all the inherent CO₂ emissions; it also aimed to achieve reforms towards a low carbon industrial structure through the promotion of measures taken by businesses against global warming, and to develop a mechanism with which consumers would be able to evaluate the measures that businesses take to combat global warming.

Furthermore, in response to the issues that have been brought to light through the Pilot Project, we have further improved and refined all the rules of the system, and enthusiastically encouraged participation in discussion about the ISO’s international standardization.

The CFP Pilot Project launched in fiscal 2009 will finally be concluded in March 2012, and this guidebook contains an outline of the ways in which the system has hitherto been refined, as well as compiling the achievements of the market entry trials in which many business operators kindly cooperated. As we look towards the future popularization and expansion of CFP, we hope that the guidebook will be of assistance to all those involved.

Ministry of Economy, Trade and Industry

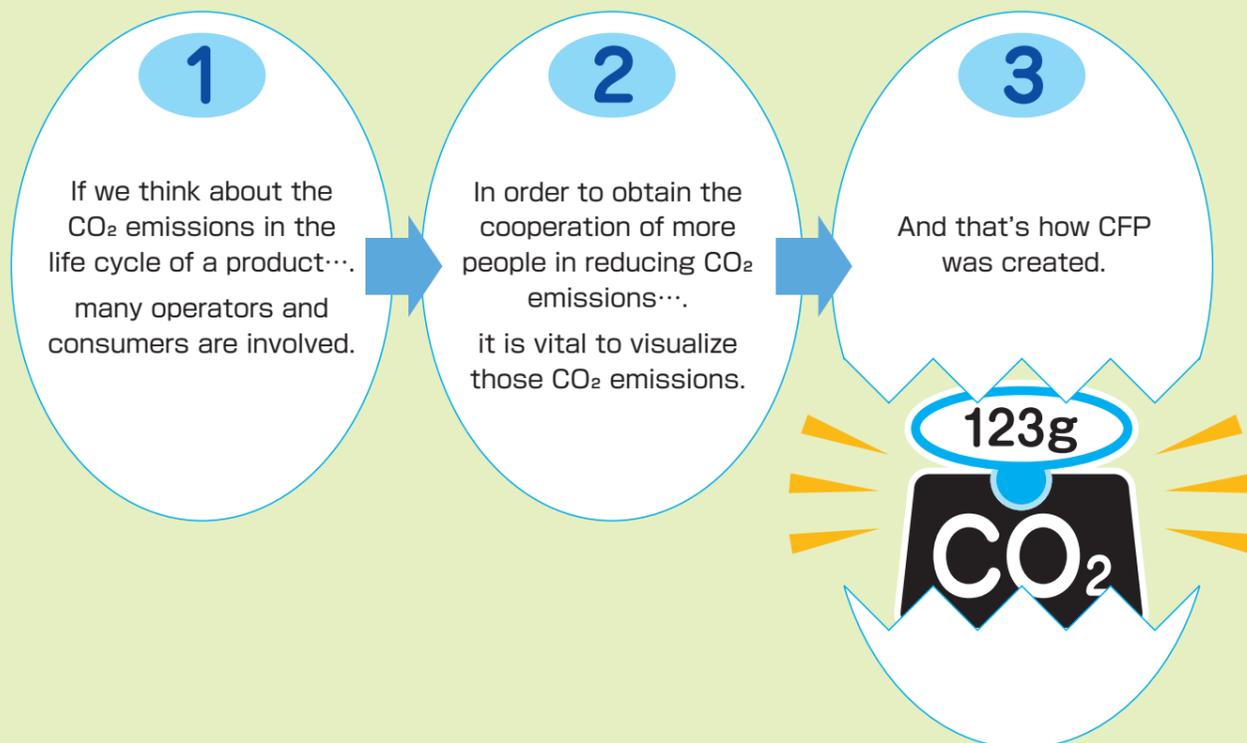
Background to the creation of CFP

To gain the cooperation of as many people as possible in CO₂ reductions, the carbon footprint of products (CFP) was created.

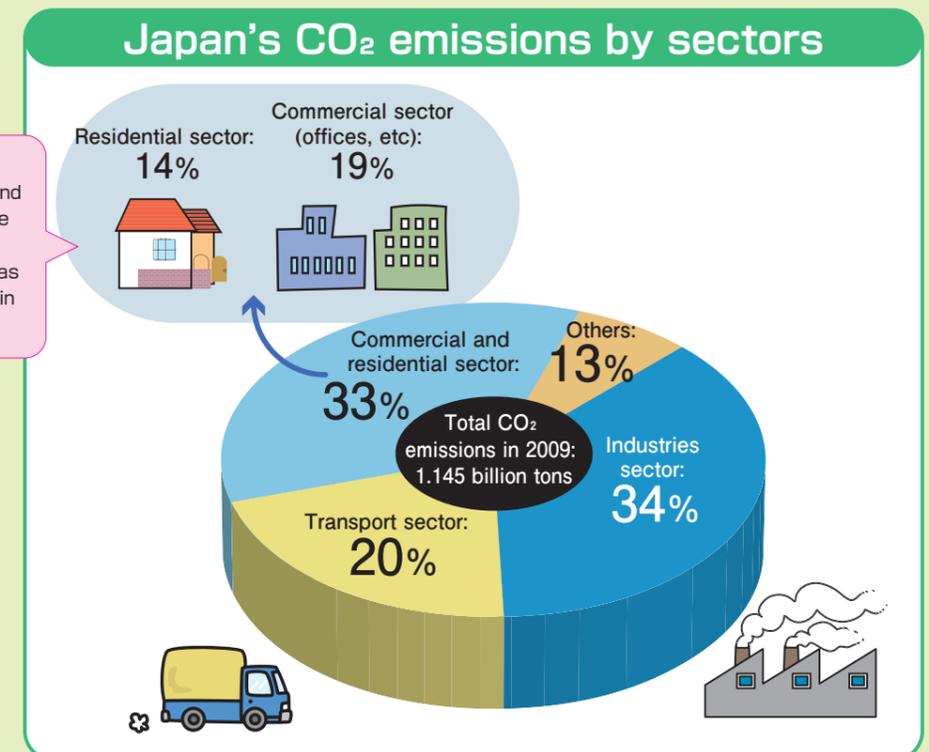
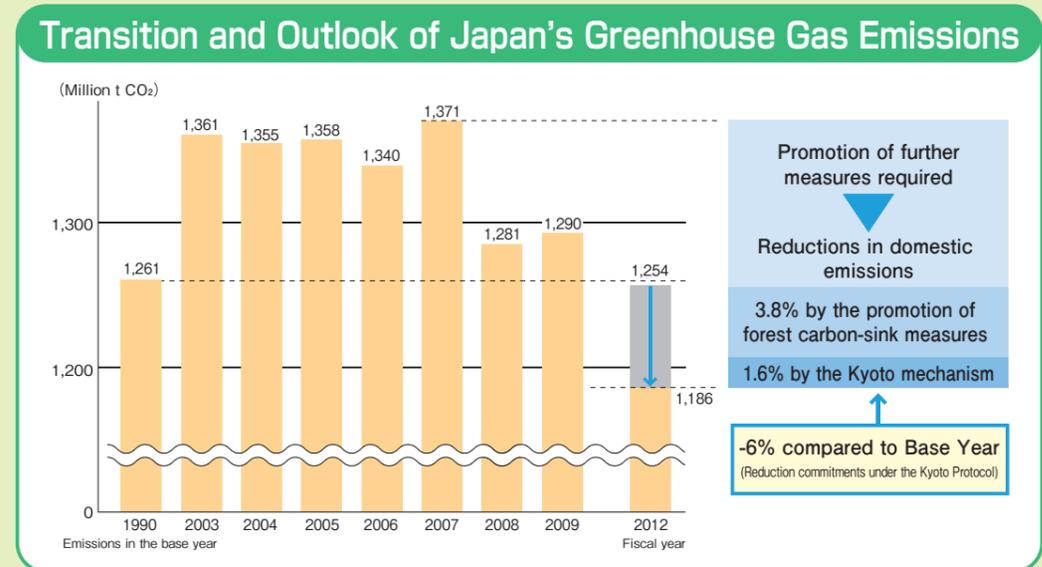
In the Kyoto Protocol, Japan committed to reducing its domestic greenhouse gas (GHG) emissions by 6% of the 1990 level by the year 2012. As a concrete measure for achieving this target, discussions started towards the development of a carbon footprint mechanism that would “visualize” the CO₂ emissions of products.

The life cycle of products depends not just on the manufacturers but also on the many other operators involved at the stages of raw material acquisition, production, transport, use and maintenance, disposal and recycling. Furthermore, consumers are also involved in the stages of the use as well as disposal and recycle of products. CFP is a tool with the theme of products for getting both operators and consumers to think about reducing GHG emissions, and involving them in these efforts.

CFP is a “common scale” for enabling the visualization of CO₂ that is unseeable.



Point CFP was created as a tool to involve everybody in CO₂ reductions.



As you can see, the CO₂ emissions from residential and commercial sectors are quite large. So not only operators, but consumers and society as a whole, need to play a part in reducing CO₂ emissions.

Source: Japan's National Greenhouse Gas Emissions for Fiscal Year 2009 (Final Figures) from the Ministry of the Environment

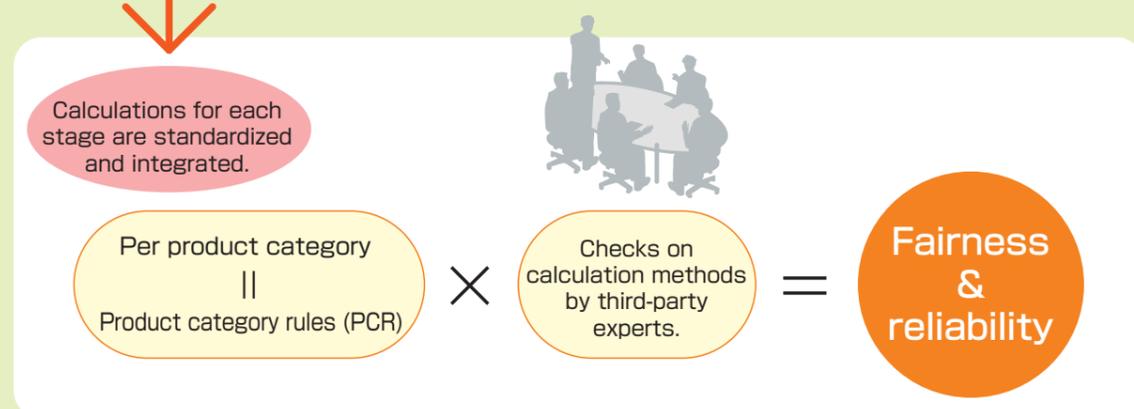
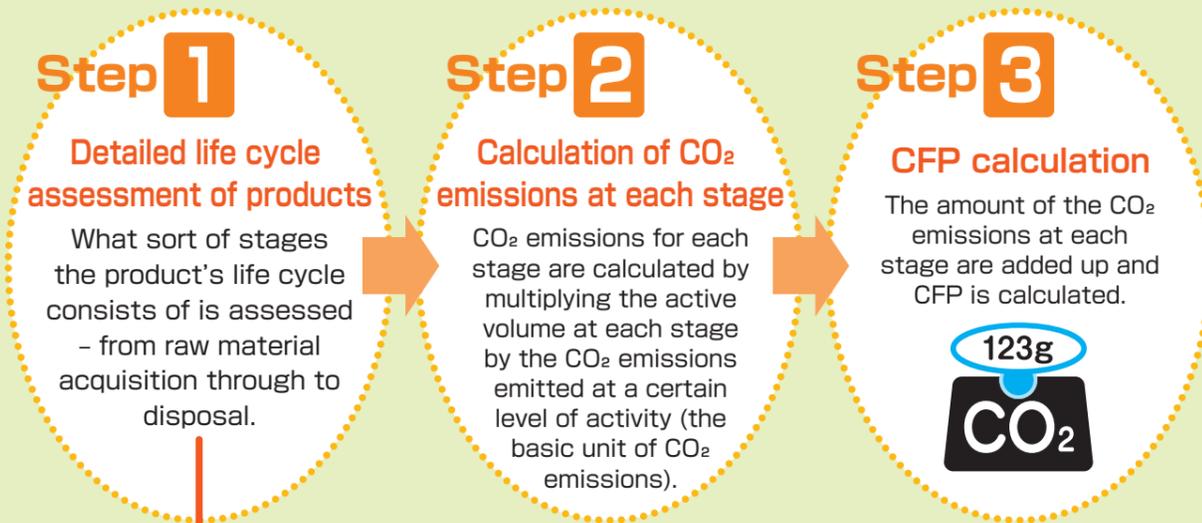
Background

How CFP is calculated

PART 1

To visualize CO₂ emissions, we integrate CFP calculation methods.

CFP is calculated according to product category rules (PCR) that set the rules for these calculations in each product category. Moreover, by running checks on the calculation method with a committee of third-party experts, a system that secures fairness and reliability has been constructed.



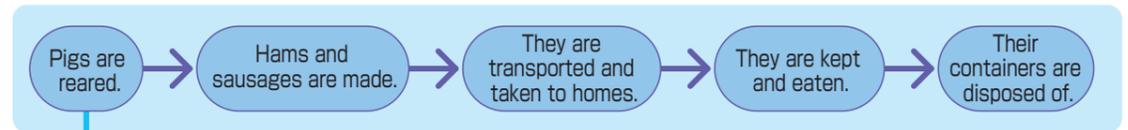
By creating common rules for calculations the carbon footprint of **each product** can be calculated under the same specific rules.



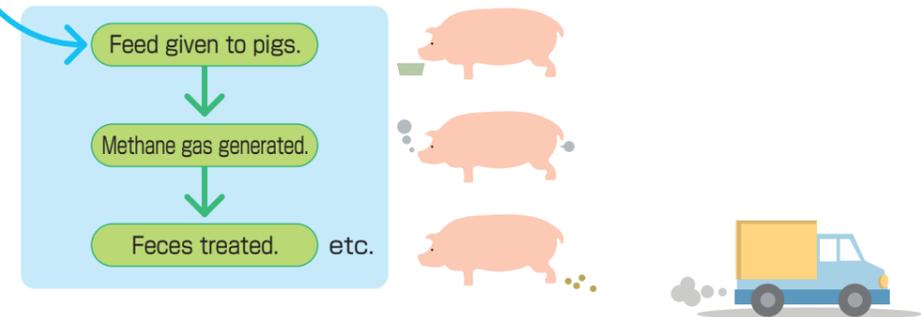
Let's look at the example of hams and sausages!

N.B. The following presents an example of the way of thinking behind the calculations. It has been abbreviated and does not exactly coincide with the actual meticulous calculations.

Step 1 ① The whole life cycle looks like this.

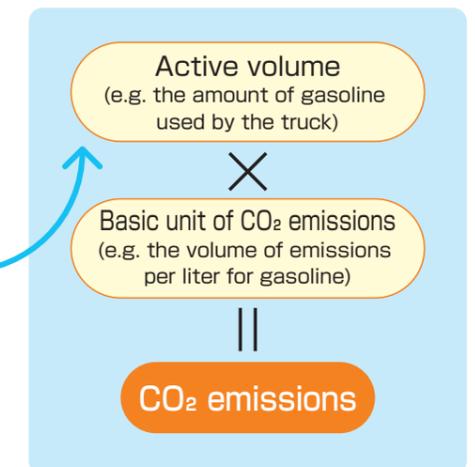


② Now we take a close look at each stage.



Step 2

CO₂ emissions are calculated by multiplying the active volume by the CO₂ emissions emitted at a certain level of activity (the basic unit of CO₂ emissions).
If trucks are used for transport...



Step 3

The amount of the CO₂ emissions at each stage are added up and CFP is calculated.

A life cycle flow chart is completed by precisely assessing each stage. (This is explained on the next page.)

PCR

Product category rule

How CFP is calculated

PART 2

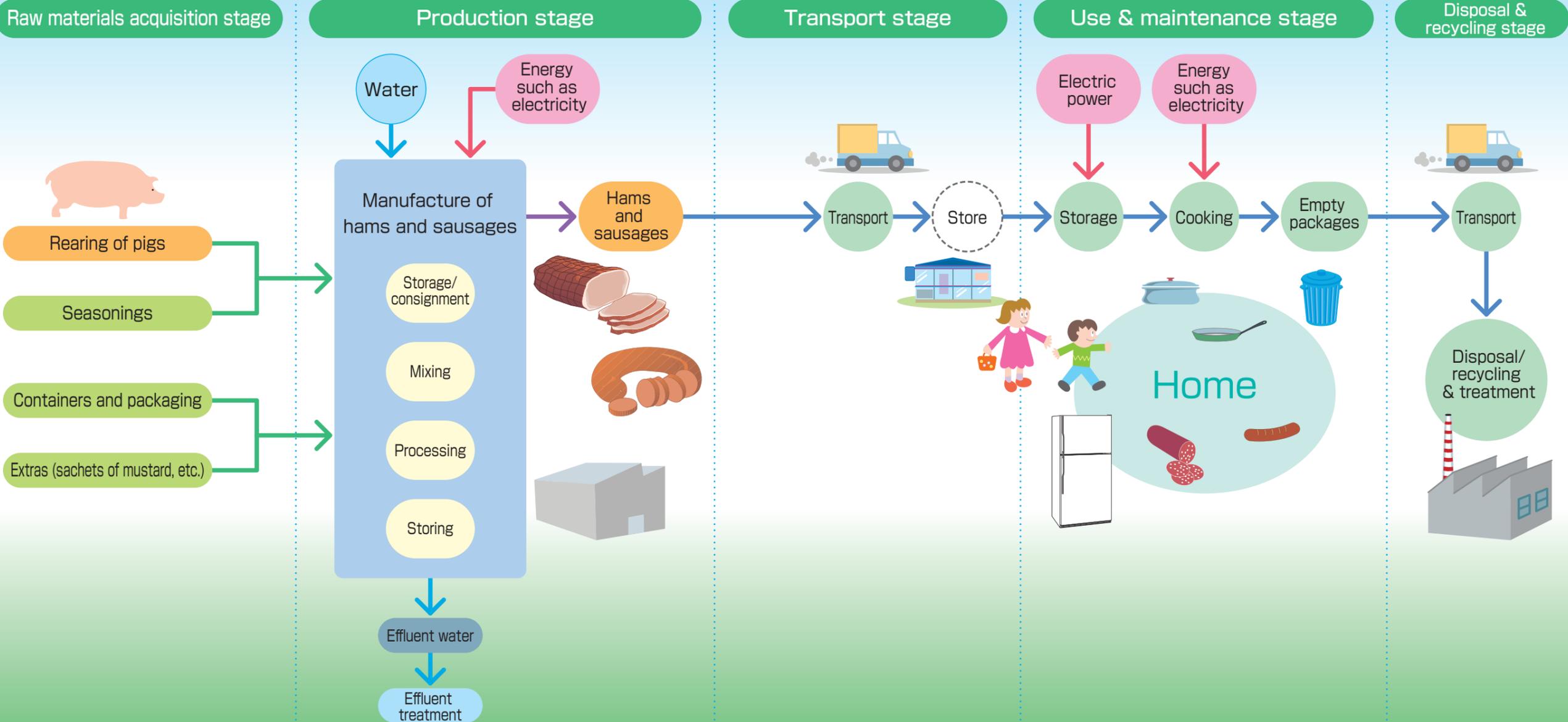


Point

Product category rules (PCR), including life cycle flow charts, are displayed on the CFP website, making it possible to assure transparency and enabling those involved in future CFP calculations to look at them.

Making hams and sausages (image)

Life cycle flow charts are...
As we explained on the previous pages, by minutely mapping out what sort of processes occur from the acquisition of the raw materials for a product right through to its disposal and recycling, a product life cycle flow chart is produced.



N.B. The shop sales process (the part in the dotted circle in the diagram) has been provisionally discounted from the calculations. Certain parts of the PCR life cycle flow chart have been shown in an abbreviated form.

Let's expand CFP to the future

Point Carbon footprint of products **Towards an eco-society with everybody's awareness**

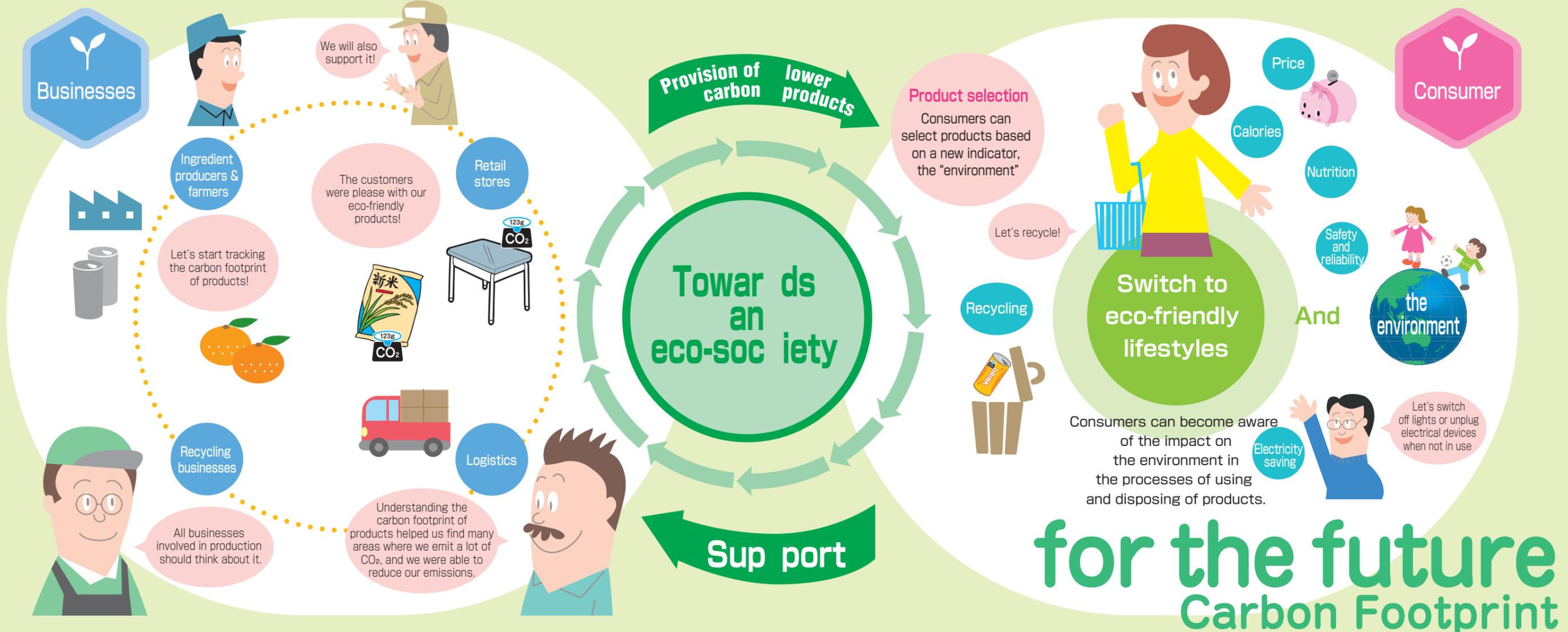
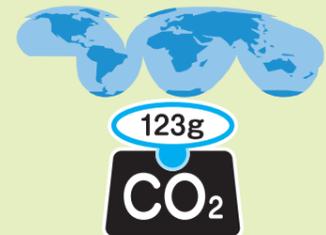


Why don't you join us in spreading the message, in using CFP to make an eco-society?

Carbon footprint labeling enables us to select products based on a new indicator, the "environment". Moreover, business operators too can use the label as an indicator of their environmental management and corporate social responsibility (CSR) efforts. By spreading and expanding the CFP concept even wider and deeper we can create a future in which everybody participates together in the creation of an eco-society. We sincerely hope that everyone will continue to support the CFP label.

CFP spreading across the world

Measures to promote CFP activities are underway all over the world - in European countries such as Britain, France, and Germany, in the U.S. and Canada, and in Asia and Oceania. In tandem with this movement, the international standardization of CFP is also being pursued as a part of the ISO 14000 series.



1.

Food-related Products

PCR Name	PCR ID
●Vegetables and Fruits	PA-BF
●Mushroom	PA-BW
●Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR
●Hams and Sausages	PA-AI
●Processed Sea Food	PA-CM
●Market poultry eggs	PA-CN
●Nonglutinous Rice (Japonica)	PA-AA
●Cooked and Sealed Rice	PA-AH
●Candy (soy sauce taste)	PA-AE
●Soft Drink	PA-BX
●Instant Coffee	PA-AM
●Rapeseed oil	PA-AB
●Feed-Use L-Amino Acids (Intermediate Goods)	PA-BU
●Organic Liquid Fertilizer	PA-AN

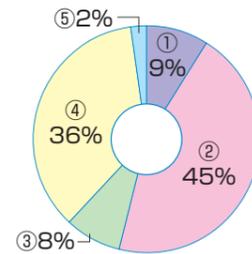
N.B. The PCR codes shown do not include the edition numbers.

Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

1. Food-related Products

Company name	AEON TOPVALU Co.,Ltd	
Product name	TOPVALU GreenEye Green Pepper from Miyazaki	Final Product
PCR Name & ID	Vegetables and Fruits	PA-BF-04
Product Outline (Verified in FY2011)	TOPVALU GreenEye green peppers from Miyazaki (packaged in a small plastic bag), cultivated with forcing culture by a restricted number of producers	



0.4kg CO₂

カーボンフットプリント
0.4kg

試行事業
http://www.cfp-japan.jp
検証番号: CV-BF04-001

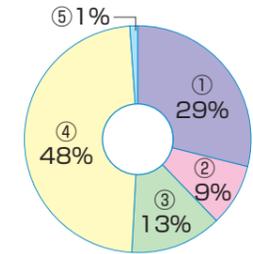
※栽培データ:
2010年2月~2010年11月
※CO₂排出量には「調理」及び「冷蔵保存」による排出量を含む

▶ Cooperation was obtained from the Miyazaki Brand Promotion Head Office of Miyazaki Prefecture and JA Miyazaki, and JA Ebinoshi in the collection and calculation of data.

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO ₂ /100g of product)
Percentage of CO ₂ emissions	9%	45%	8%	36%	2%	0.4kg



Company name	HOKUREN JA Kitaharuka	
Product name	Pumpkin produced in Hokkaido (JA Kitaharuka)	Final Product
PCR Name & ID	Vegetables and Fruits	PA-BF-04
Product Outline (Verified in FY2011)	Pumpkins produced in the district under JA Kitaharuka and mainly sold in pre-cut pieces (As one pumpkin weighs between 1.5-2 kgs, the weight of one product is between 400-500 g, if the cut piece is one-quarter-size, which is most common.)	



0.238kg CO₂

CO₂の「見える化」
カーボンフットプリント
0.238kg

試行事業
http://www.cfp-japan.jp
検証番号: CV-BF04-003

- ① Cultivation data: Jan. 2010 - Dec. 2010
- ② Emissions due to cooking and chilled storage are included in the amount of CO₂ emission.

▶ As the JA storehouse utilizes outside air in adjusting the inside temperature, electricity consumption is low and the amount of CO₂ emissions can be kept low.

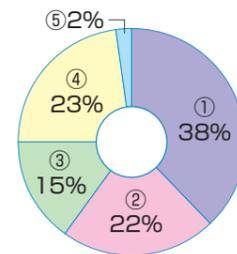
▶ Through making good use of the local dairy industry, organic fertilizers such as compost are used generously, thus being environmentally-friendly.

▶ Ingenuity is important in regard to cooking and chilled storage which have large amounts of emission.

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (g-CO ₂ /100g of product)
Percentage of CO ₂ emissions	29%	9%	13%	48%	1%	0.238kg



Company name	HOKUREN JA Kitaharuka	
Product name	Tomato produced in Hokkaido (JA Kitaharuka)	Final Product
PCR Name & ID	Vegetables and Fruits	PA-BF-04
Product Outline (Verified in FY2011)	Tomatoes produced with special cultivation standards in the district under JA Kitaharuka, are retailed with the name of "Fruit Tomato" due to a cultivation method in which the amount of irrigation is restricted to raise the sugar content. A package of 2-3 tomatoes, on a plastic tray wrapped with film, is the most common type of product and it is not sold according to weight.	



0.305kg CO₂

CO₂の「見える化」
カーボンフットプリント
0.305kg

試行事業
http://www.cfp-japan.jp
検証番号: CV-BF04-002

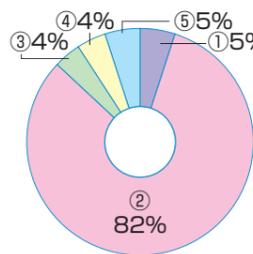
▶ Through special cultivation standards, consideration is given to consumption safety and security as well as the environment, while CO₂ emissions from the manufacture and transportation of fertilizers and agricultural chemicals are also reduced.

▶ Irregular tomatoes rejected in the sorting by JA are processed into juice at the neighbouring factory, so not much waste occurs.

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (g-CO ₂ /100g of product)
Percentage of CO ₂ emissions	38%	22%	15%	23%	2%	305g



Company name	Kubo Kogyo Co., Ltd. (Main office: Uchiko-cho, Kita-gun, Ehime Prefecture)	
Product name	Shiitake cultivated on mushroom beds (100g tray)	Final Product
PCR Name & ID	Mushroom	PA-BW-01
Product Outline (Verified in FY2010)	Raw shiitake cultivated on mushroom beds. The weight of the product is at time of shipment, excluding packaging materials.	



474g CO₂

カーボンフットプリント
474g

試行事業
http://www.cfp-japan.jp
検証番号: CV-BW01-001

- 474 g/100 g of shiitake
- Cultivation data: Jan. 2010 - Dec. 2010
- Emissions due to cooking and chilled storage are included in the amount of CO₂ emission.
- The amount of CO₂ emissions per retail unit (100g at time of shipment): 474 g
- To reduce the amount of CO₂ emissions at the place of cultivation, some of the fuel used by heating equipment comes from wooden pellets.

▶ A safe and secure product cultivated without any agricultural chemicals and additive free.

▶ Reduced CO₂ emissions through use of wooden biomass fuel for heating equipment

▶ Recycling of waste packaging material such as cardboard, etc.

▶ Waste mushroom bed material is composted and so together with its appeal as an environmentally-friendly and also highly trustworthy agricultural product, based on evaluations from third parties, market expansion is being targeted.

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (g-CO ₂ /100g of product)
Percentage of CO ₂ emissions	5%	82%	4%	4%	5%	474g

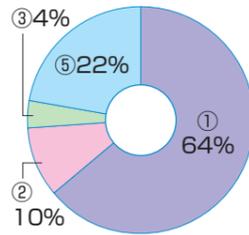
- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

1. Food-related Products



NIHON SHOKKEN

Company name	Nihon Shokken Holdings Co., Ltd.	
Product name	Steak sauce with grated daikon 210g	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2010)	Product weight: 210g (net weight only)	



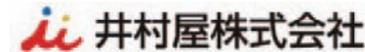
広範囲 PCR
424g
CO₂

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BR01-001

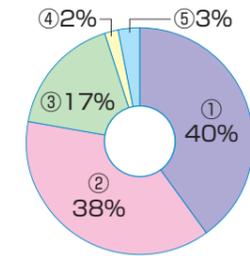
▶ The raw material acquisition stage and the disposal and recycling stage composed 85% of the total emissions. As a result of a detailed analysis, GHG emissions deriving from the packaging materials were found to be the greatest.

▶ In the future, attention will be placed on reducing the environmental load caused by the packaging materials.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	64%	10%	4%	0%	22%	424g



Company name	IMURAYA CO., LTD.	
Product name	FROZEN SWEET AZUKI BEAN BARS	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2010)	Net weight: 14.6oz (414g) 65mlx6Bars	



広範囲 PCR
630g
CO₂

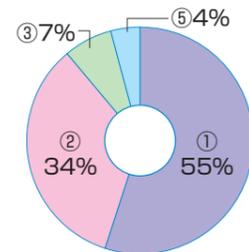
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BR01-003

From the management policy that "Ecology is economical," Imuraya is working towards making visible CO₂ emissions for raw materials acquisition, production, the transport of products, consumption and disposal. Enjoying the patronage of many customers, shipment volume reaches 200 million per year. This product has an extremely high degree of exposure with customers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	40%	38%	17%	2%	3%	630g



Company name	DENROKU CO.,LTD.	
Product name	POLIPPY SHIOAJI	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2010)	Net weight: 60g The calculated value includes the sealed bags and the internal and external boxes when being transported in the transportation stage.	



広範囲 PCR
183g
CO₂

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BR01-002

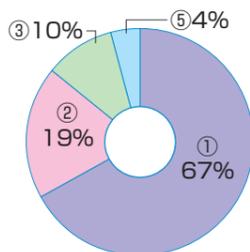
▶ Denroku is making efforts to contribute to the realization of a low-carbon society by sharing information through the visualization of CFP.

▶ From February 2011, products with the CFP mark are being sold throughout Japan.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	55%	34%	7%	0%	4%	183g



Company name	Bourbon Corporation	
Product name	Butter Cookies (butter content of 5%)	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2009)	Net weight: 112.5g for 15cookies ※N.B. One cookie@7.5g×15cookies = 112.5g (excluding packaging materials)	



広範囲 PCR
430g
CO₂

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BR01-005



▶ In this product, approximately 50% of CO₂ emissions occur in the raw material acquisition stage and approximately 20% occur in the packaging material acquisition stage.

▶ This is a shelf-stable food product and therefore, no emissions occur at the stage of use and maintenance stages.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	67%	19%	10%	0%	4%	430g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

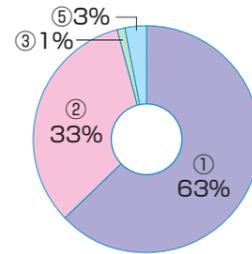
5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

1. Food-related Products

Company name	Kasho Sanzen.Co., Ltd.	
Product name	Madeleine	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2010)	Net weight: 75g Gross weight: 80.6g (including packaging, paper cups and oxygen absorber) Raw materials: eggs, flour, sugar, butter, raw cream, fat, almond powder, honey, dairy products, starch, salt, trehalose and baking powder (Some of the raw materials contain soybeans.)	



広範囲 PCR
492g
CO₂

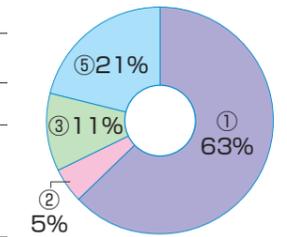
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BR01-009

▶ As the raw material acquisition stage accounts for a large percentage of CO₂ emissions, the source of acquisition needs to be re-examined in the future.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	63%	33%	1%	0%	3%	492g

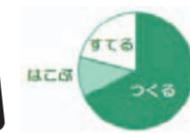
OHKI CO., LTD.

Company name	OHKI Co., Ltd.	
Product name	COFFEE PACHIT 100pcs	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2011)	Product weight: 168g (100 pieces, including packaging materials)	



広範囲 PCR
7.12g
CO₂

CO₂の「見える化」
カーボンフットプリント
パチット 1個あたり
<http://www.cfp-japan.jp>
検証番号: CV-BR01-010



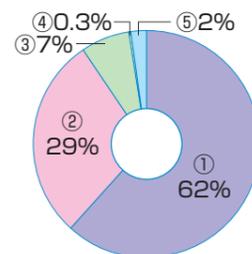
Coffee + Pachit = Delicious Coffee & Eco-friendly!

- ▶ Delicious, but no electricity (extracting)
- ▶ Eco-friendly nonwoven filter
- ▶ Simple packaging

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	63%	5%	11%	0%	21%	7.12g

A-FACTORY

Company name	JR East Aomori Business Development Company Co.Ltd A-FACTORY	
Product name	AOMORI CIDRE sparkling standard 750ml	Final Product
PCR Name & ID	Broadly-applicable PCR (Non-energy-using Consumer Goods)	PA-BR-01
Product Outline (Verified in FY2011)	Gross weight: 1620g (Net weight: 750ml, bottle: 900g, cap: 3.12g, foil cap: 2.04g, label: 4.2g)	



広範囲 PCR
4.37kg
CO₂

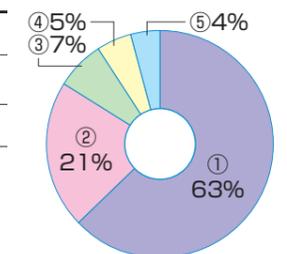
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-BR01-013

This is the first time that we carried out an analysis of CO₂ emissions through CFP, and we understood well at which stage CO₂ emissions occurred. In using this result for reference, we hope to make a product that is even more environmentally-friendly by reviewing raw material acquisition methods and reducing production costs.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	62%	29%	7%	0.3%	2%	4.37kg

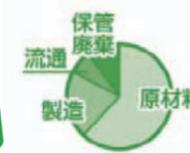
ニッポンハム

Company name	Nippon Meat Packers, Inc.	
Product name	Mori-no-Kaori Loin Ham	Final Product
PCR Name & ID	Hams and Sausages	PA-AI-03
Product Outline (Verified in FY2010)	Net weight: 60g (The carbon footprint value includes wrapping.)	



233g
CO₂

カーボンフットプリント
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検証番号: CV-AI03-004



▶ Efforts for the visualization of CO₂ from products began with the Mori-no-Kaori series.

▶ Efforts will be further advanced towards visualization and reduction of the environment load.

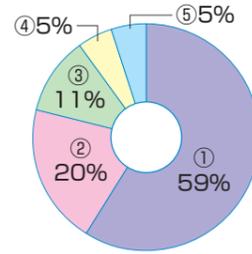
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	63%	21%	7%	5%	4%	233g

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

1. Food-related Products



Company name	Nippon Meat Packers, Inc.	
Product name	Mori-no-Kaori Ham	Final Product
PCR Name & ID	Hams and Sausages	PA-AI-03
Product Outline (Verified in FY2010)	Net weight: 53g (The carbon footprint value includes wrapping.)	

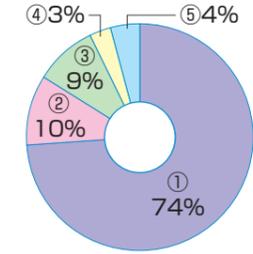


- ▶ Efforts for the visualization of CO₂ from products began with the Mori-no-Kaori series.
- ▶ Efforts will be further advanced towards visualization and reduction of the environment load.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	59%	20%	11%	5%	5%	217g



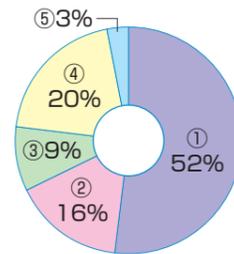
Company name	Aeon Co., Ltd.	
Product name	Topvalu Raw Ham 100g	Final Product
PCR Name & ID	Hams and Sausages	PA-AI-03
Product Outline (Verified in FY2010)	Unheated meat product Name: Lachs ham (sliced) Net weight: 100g	



Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	74%	10%	9%	3%	4%	831g



Company name	Nippon Meat Packers, Inc.	
Product name	Mori-no-Kaori Shin Arabiki Wiener sausages	Final Product
PCR Name & ID	Hams and Sausages	PA-AI-03
Product Outline (Verified in FY2010)	Net weight: 97g (The carbon footprint value includes wrapping.)	

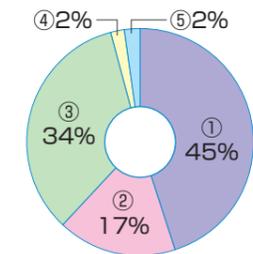


- ▶ Efforts for the visualization of CO₂ from products began with the Mori-no-Kaori series.
- ▶ Efforts will be further advanced towards visualization and reduction of the environment load.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	52%	16%	9%	20%	3%	434g



Company name	Japanese Consumers' Co-operative Union	
Product name	CO-OP Loin Ham 90g	Final Product
PCR Name & ID	Hams and Sausages	PA-AI-03
Product Outline (Verified in FY2011)	Name: Unsalted ham (sliced) Net weight: 90g Storage method: keep refrigerated at between 0°C and 10°C	



- ▶ Calculated for considering the possibility of the use as a communication tool for making customers aware of greenhouse gases and for reduction.
- ▶ CO₂ emissions are high at the stages of raw material acquisition, production and transport.

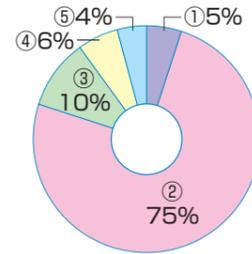
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	45%	17%	34%	2%	2%	457g

1. Food-related Products
2. Lifestyle Products
3. Clothing-related Products
4. Printing-related Products
5. Office-related Products
6. Engineering- and Construction-related Products
7. Other Industrial Products

1. Food-related Products

生活協同組合連合会 ユーコープ事業連合

Company name	U CO-OP	
Product name	CO-OP, Green Program, Grilled Eel produced in Shizuoka (Whole)	Final Product
PCR Name & ID	Processed Sea Food	PA-CM-01
Product Outline (Verified in FY2011)	Name: Grilled eel Net weight: One whole eel, sauce 30ml (15ml x 2), Japanese pepper 0.4g (0.2g x 2) Storage method: keep refrigerated at between 0°C and 10°C	



5.89kg
CO₂
CO₂の「見える化」
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検証番号: CV-CM01-002

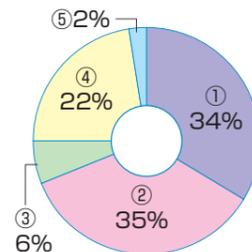
Calculated with the cooking method as being heated for one minute 10 seconds in a microwave oven at 600W.

- ▶ Farming of the eels is restricted to nine producers in Shizuoka prefecture and the local fishermen's cooperative processed the eels by grilling.
- ▶ The record can be traced from the farm to producing the grilled eel.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	5%	75%	10%	6%	4%	5.89kg

JA全農たまご株式会社

Company name	JA ZEN-NOH Tamago Co.,Ltd	
Product name	Iwate Farm's Egg	Final Product
PCR Name & ID	Market poultry eggs	PA-CN-01
Product Outline (Verified in FY2011)	Domestically-produced eggs, pack of 10 (egg weight: between 52g (MS) and 76g (LL))	

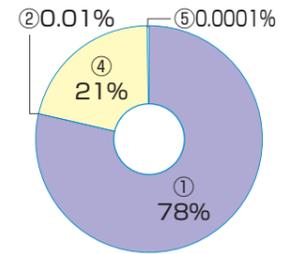


269g
CO₂
CO₂の「見える化」
カーボンフットプリント
内容量 100g あたり
<http://www.cfp-japan.jp>
検証番号: CV-CN01-010

- ▶ These eggs produced in Iwate Prefecture are a secure product and the producer is identifiable.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	34%	35%	6%	22%	2%	269g

Company name	JA Lake Otsu	
Product name	Hanafuji Rice	Final Product
PCR Name & ID	Nonglutinous Rice (Japonica)	PA-AA-02
Product Outline (Verified in FY2010)	At JA's direct sales store, Green Farm, rice is freshly milled and sold after receiving the order for the amount from customers (rice milling at the store method).	



1.31kg
CO₂
カーボンフットプリント試行事業
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検証番号: CV-AA02-001

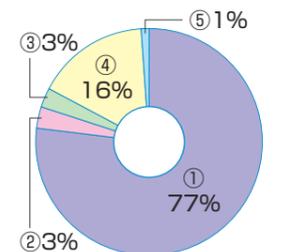
Compared to Kankyo Kodawari Rice (JA Lake Otsu) (CV-AA02-002), as Hanafuji Rice (JA Lake Otsu) does not use fertilizer in the rice paddies, its CO₂ emissions are reduced by 28%.

- ▶ By using green manure, cultivation is achieved by hardly using any fertilizers which emit large amounts of GHG in the manufacturing and transport stages.
- ▶ As production and retail is carried out locally for "local production for local consumption", the transport process is minimal.
- ▶ As agricultural chemicals are half or less than the usual practice, cultivation meets standards for Shiga Prefecture's certification of "Eco-friendly agricultural products" that give consideration to Lake Biwa and its surrounding environment.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	78%	0.01%	0%	21%	0.0001%	1.31kg

AEON

Company name	Ritsumeikan University, Aeon Co., Ltd., JA Kitabiwako, Shinmei Co., Ltd., Yamato Sangyo Co., Ltd.	
Product name	TOPVALU Green Eye specially-cultivated rice: Koshihikari	Final Product
PCR Name & ID	Nonglutinous Rice (Japonica)	PA-AA-02
Product Outline (Verified in FY2010)	General specifications of the product: 1. Shiga Prefecture JA Kitabiwako cultivation managed by cultivation standards 2. Nonglutinous rice (variety: Koshihikari) 3. After milling, rice is packed into bags in 4 kg amounts for retail.	



7.4kg
CO₂
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AA02-006

- ▶ CFP calculation was carried out with the cooperation of JA Kitabiwako who provided data and Ritsumeikan University who helped calculating the data.

Process	① Acquisition of raw materials	② Production	③ Sales/transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	77%	3%	3%	16%	1%	7.4kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

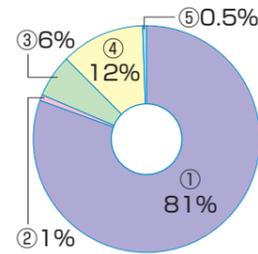
5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

1. Food-related Products

Company name	Miyagi Rice Co., Ltd.	
Product name	Miyagi No Hitomebore (Miyagi Rice) 5kg	Final Product
PCR Name & ID	Nonglutinous Rice (Japonica)	PA-AA-02
Product Outline (Verified in FY2011)	1. Singular variety of rice produced in Miyagi Prefecture 2. Nonglutinous rice (variety: Hitomebore) milled and bagged 3. Outside measurements: 470mm×300mm; weight: 0.021kg; material: polyethylene	



13.1kg
CO₂

CO₂の「見える化」
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<http://www.cfp-japan.jp>
検証番号：CV-AA02-007

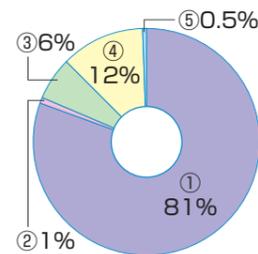
Data collection period: September 1, 2009 – August 31, 2010
2009 Statistics of Agriculture, Forestry and Fisheries of Miyagi Prefecture, production costs for 2009 produce rice, and some data about cultivation from JA Miyagi Tome, JA Furukawa, JA Kurikko, JA Kamiyotsuba was used, and CO₂ emissions for rice cooking are included too.

▶ This is the nation's first initiative for "Rice" as the staple food which can be easily bought at supermarkets and retail stores close to local consumers and produced by 70-80% of farmers (producers) in Miyagi prefecture.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	81%	12%	6%	1%	0.5%	13.1kg

タカラ米穀株式会社

Company name	Takara Rice Co., Ltd.	
Product name	Miyagi Kennsan Hitomebore (Takara Rice) 5kg	Final Product
PCR Name & ID	Nonglutinous Rice (Japonica)	PA-AA-02
Product Outline (Verified in FY2011)	1. Singular variety of rice produced in Miyagi Prefecture 2. Nonglutinous rice (variety: Hitomebore) 3. Outside measurements of the rice bag: 470mm×280mm; weight: 0.019kg; material: polyethylene	



13.1kg
CO₂

CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-AA02-009

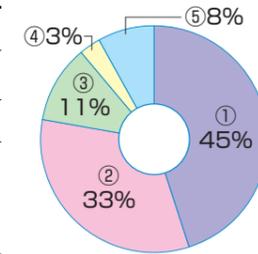
Data collection period: September 1, 2009 – August 31, 2010
2009 Statistics of Agriculture, Forestry and Fisheries of Miyagi Prefecture, production costs for 2009 produce rice, and some data about cultivation from JA Miyagi Tome, JA Furukawa, JA Kurikko, JA Kamiyotuba was used, and CO₂ emissions for rice cooking are included too.

▶ This is the nation's first initiative for "Rice" as the staple food which can be easily bought at supermarkets and retail stores close to local consumers and produced by 70-80% of farmers (producers) in Miyagi prefecture.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	81%	12%	6%	1%	0.5%	13.1kg

AEON

Company name	Aeon Co., Ltd.	
Product name	TOPVALU Rice: Koshihikari from Fukushima	Final Product
PCR Name & ID	Cooked and Sealed Rice	PA-AH-01
Product Outline (Verified in FY2009)	Uses Koshihikari rice from Fukushima prefecture Net weight: 200g	



0.5kg
CO₂

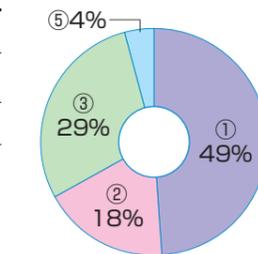
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▶ The transport from the manufacturing plant to Aeon's distribution warehouse is carried out as a package deal and a 10t truck is fully loaded, raising the transport effectiveness and thus keeping CO₂ emissions low.

Process	① Acquisition of raw materials	② Production	③ Sales/transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	45%	33%	11%	3%	8%	0.5kg

KANRO

Company name	Kanro Co., Ltd.	
Product name	Kanro-ame Candy	Final Product
PCR Name & ID	Candy (soy sauce taste)	PA-AE-01
Product Outline (Verified in FY2009)	Net weight: 155g (including individual wrapping) Approx. 21candies	



584g
CO₂

カーボンフットプリント試行事業
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▶ The raw material acquisition and production stages account for 70% of CO₂ emissions.
▶ Continually carrying out improvement of the productivity of this long-selling item leads to reducing the environmental load.

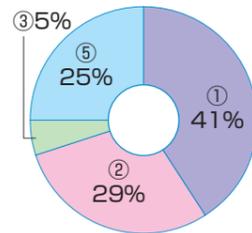
Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	49%	29%	18%	0%	4%	584g

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

1. Food-related Products



Company name	NIHON ASUPARAGUS Co., Ltd.	
Product name	500ml Natural water (Mt. Iwanaidake in Niseko mountain range)	Final Product
PCR Name & ID	Soft Drink	PA-BX-01
Product Outline (Verified in FY2011)	One bottle (500ml) at 533g Soft drink: Natural water (spring water), deep-sea water (mineral rich water)	

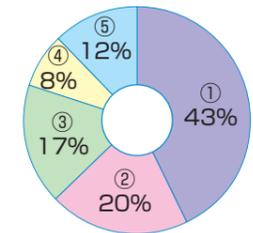


▶ To reduce the amount of energy used within the plant during the production stage, non-heat use, together with inverting of the heat pump and motor pumps is carried out.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	41%	29%	5%	0%	25%	347g



Company name	Aeon Co., Ltd.	
Product name	TOPVALU Canola Oil	Final Product
PCR Name & ID	Rapeseed oil	PA-AB-01
Product Outline (Verified in FY2009)	<ul style="list-style-type: none"> Name: Rapeseed cooking oil Net weight: 1000g Raw material: Rapeseed cooking oil 	



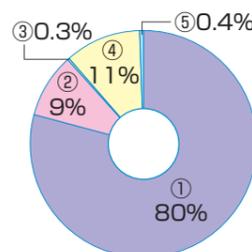
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▶ As the raw material (rape plants) is imported from overseas, the raw material acquisition stage accounts for the large percentage. CO₂ emissions make up 17% due to the 1000g net weight of the product being heavy.
▶ While not detracting from usability, efforts will be made to make the container lighter.

Process	① Acquisition of raw materials	② Production	③ Sales/transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	43%	20%	17%	8%	12%	1.4kg



Company name	Aeon Co., Ltd.	
Product name	TOPVALU Spray Dry Instant Coffee 200g	Final Product
PCR Name & ID	Instant Coffee	PA-AM-02
Product Outline (Verified in FY2010)	Spray dry coffee: 200g Wrapping material: 11.1g	



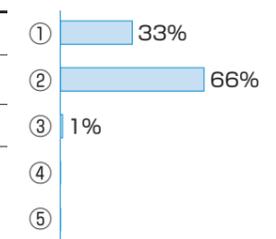
カーボンフットプリント試行事業
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Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	80%	9%	0.3%	11%	0.4%	7.6kg



Company name	AJINOMOTO CO., INC.	
Product name	L-Lysine Monohydrochloride (For Feed)	Intermediate Goods
PCR Name & ID	Feed-Use L-Amino Acids (Intermediate Goods)	PA-BU-01
Product Outline (Verified in FY2011)	Net weight: 25kg Product weight (including packaging materials): 25.16kg Active ingredient and content: Hydrochloride L-Lysine (C ₆ H ₁₄ N ₂ O ₂ HCl), containing 98.5% and over. Types of feed: Feed for poultry, pigs, cattle and fish.	



CO₂: 144kg
(From the raw material acquisition stage to the transport stage)

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http://www.cfp-japan.jp
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▶ Using amino acid for feed helps in reducing GHG emissions.
▶ "Low-protein feed with amino acid additive" has been recognized by the Ministry of the Environment and Ministry of Economy, Trade and Industry as eligible for the domestic CO₂ credit system.

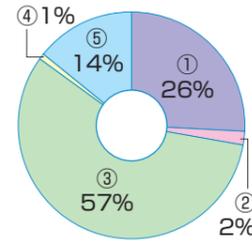
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	33%	66%	1%	—	—	144kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

1. Food-related Products

アースサポート株式会社

Company name	Earth Support Corporation	
Product name	Sodatsundesu!! Sukusuku (organic liquid fertilizer)	Final Product
PCR Name & ID	Organic Liquid Fertilizer	PA-AN-01
Product Outline (Verified in FY2009)	500ml PET bottle – one bottle	



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<http://www.cfp-japan.jp>
 検証番号：CV-AN-001

▶ This organic liquid fertilizer is manufactured from the raw garbage, etc., of commercial food waste which undergoes fermentation and decomposition by microbial action. The distinguishing feature is that, as the manufacturing facility does not discharge any gas, wastewater or by-products, the CO₂ emissions of the production process are low.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	26%	2%	57%	1%	14%	606g

2. Lifestyle Products

PCR Name	PCR ID
●Flowers	PA-AW
●Towel Products	PA-BL
●Lamps for General Lighting	PA-AT
●Curtain Rails	PA-BT
●Tableware (Ceramic and synthetic resin products)	PA-AQ
●Fire Extinguisher	PA-BA
●Plastic Containers and Packaging	PA-BC

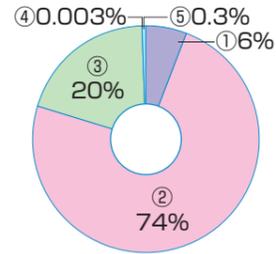
N.B. The PCR codes shown do not include the edition numbers.

Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

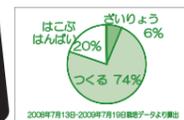
2. Lifestyle Products

Company name	Marchenrose co., Ltd	
Product name	Marchenrose Roses	Final Product
PCR Name & ID	Flowers	PA-AW-01
Product Outline (Verified in FY2009)	The amount of per one stem of rose shipped by Marchenrose Co., Ltd. Calculated according to cultivation data from July 13 2008 to July 19 2009	



961g
CO₂

カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AW-001

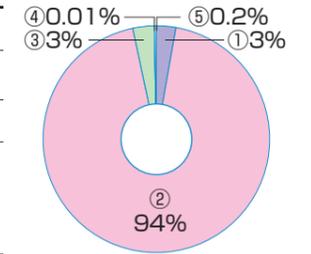


※表示の数字はバラ1本あたりのCO₂排出量です。

We have increased our heat pump utilization rate, switched the energy we use from heavy oil to electricity, and are trying to cut CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	6%	74%	20%	0.003%	0.3%	961g

Company name	Abiko Engei	
Product name	Abiko Engei Roses	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	The amount of per one stem of rose shipped by Abiko Engei Calculated according to cultivation data from May 2009 to April 2010 (per rose)	



1170g
CO₂

カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AW02-002

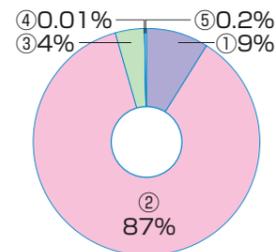


※表示の数字はバラ1本あたりのCO₂排出量です。

We have increased our heat pump utilization rate, switched the energy we use from heavy oil to electricity, and are trying to cut CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	3%	94%	3%	0.01%	0.2%	1.17kg

Company name	Syo Hana-en	
Product name	Syo Hana-en Roses	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	The amount of per one stem of rose shipped by Syo Hana-en Calculated according to cultivation data from May 2009 to April 2010 (per rose)	



825g
CO₂

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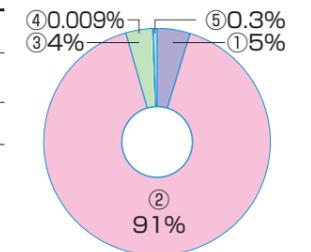


※表示の数字はバラ1本あたりのCO₂排出量です。

We have increased our heat pump utilization rate, switched the energy we use from heavy oil to electricity, and are trying to cut CO₂ emissions. The 825g per rose CO₂ emissions are the lowest of any rose under the current calculations.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	9%	87%	4%	0.01%	0.2%	825g

Company name	Kaji Noen	
Product name	Kaji Noen Roses	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	The amount of per one stem of rose shipped by Kaji Noen Calculated according to cultivation data from May 2009 to April 2010	



910g
CO₂

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検証番号: CV-AW02-003



※表示の数字はバラ1本あたりのCO₂排出量です。

We have increased our heat pump utilization rate, switched the energy we use from heavy oil to electricity, and are trying to cut CO₂ emissions. As a producer in the tsunami-devastated city of Natori in Miyagi Prefecture, we have re-launched shipments and are working hard towards recovery.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	5%	91%	4%	0.009%	0.3%	910g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

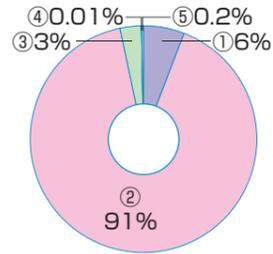
5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

2. Lifestyle Products

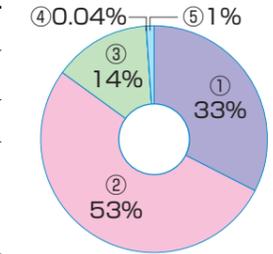
Company name	Plan	
Product name	Hana Plan Roses	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	The amount of per one stem of rose shipped by Hana Plan Calculated according to cultivation data from May 2009 to April 2010	



CO₂ emissions at the production stage are large, and while we need a great deal of heating as our farm is situated in the cold Hokuriku district we have used a heat pump and are trying to raise our electricity utilization rate.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	6%	91%	3%	0.01%	0.2%	1170g

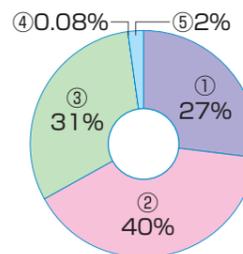
Company name	JA Minabeinami	
Product name	Gypsophila, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of gypsophila	



The CO₂ emissions are based on data from the 23 members of the JA Minabeinami MPS Growers' Association, each of who is trying their best to reduce CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	33%	53%	14%	0.04%	1%	200g

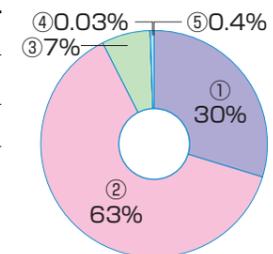
Company name	JA Minabeinami	
Product name	Statice, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of statice	



The CO₂ emissions are based on data from the 23 members of the JA Minabeinami MPS Growers' Association, each of who is trying their best to reduce CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	27%	40%	31%	0.08%	2%	103g

Company name	JA Minabeinami	
Product name	Carnations, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of carnation	



CO₂ emissions at the production stage are large, with emissions from heavy oil accounting for the greatest proportion. We are trying to cut CO₂ emissions by using electricity rather than just heavy oil.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	30%	63%	7%	0.03%	0.4%	273g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

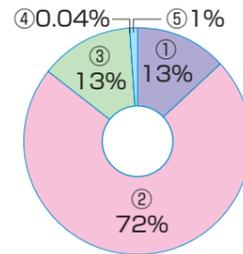
5. Office-related Products

6. Engineering- and Construction-related Products

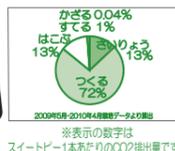
7. Other Industrial Products

2. Lifestyle Products

Company name	JA Minabeinami	
Product name	Sweet Peas, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of sweet pea	



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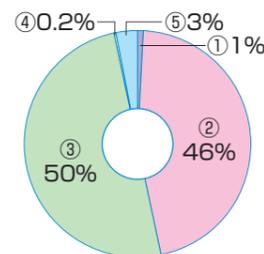


※表示の数字は
スイートピー1本あたりのCO₂排出量です。

CO₂ emissions at the production stage are large, and the amount accounted for by the combustion of fuels is considerable. We are trying to reduce CO₂ emissions by using electricity, too.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	13%	72%	13%	0.04%	1%	190g

Company name	JA Minabeinami	
Product name	Spray chrysanthemums, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of spray chrysanthemums	



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検証番号: CV-AW02-009

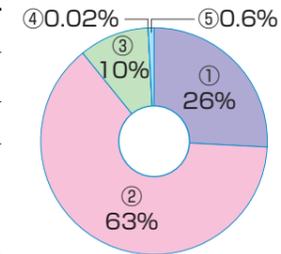


※表示の数字は
小菊1本あたりのCO₂排出量です。

The amount of CO₂ emissions (46g per chamomile) is the lowest of any cut flower under the current calculations.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	1%	46%	50%	0.2%	3%	46g

Company name	JA Minabeinami	
Product name	Snapdragons, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of snapdragons	



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検証番号: CV-AW02-010

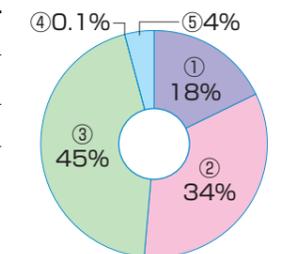


※表示の数字は
キンギョソウ1本あたりのCO₂排出量です。

We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	26%	63%	10%	0.02%	0.6%	336g

Company name	JA Minabeinami	
Product name	Stocks, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of stock	



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試行事業
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検証番号: CV-AW02-011



※表示の数字は
ストック1本あたりのCO₂排出量です。

The amount of CO₂ emissions is the second lowest after 46g for chamomiles shipped by the Minabeinami MPS Growers' Association under the current calculations.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	18%	34%	45%	0.1%	4%	57g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

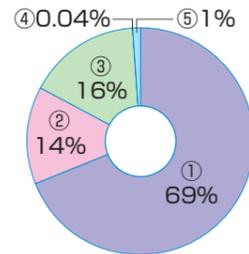
5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

2. Lifestyle Products

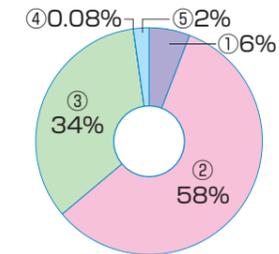
Company name	JA Minabeinami	
Product name	Scabious, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of scabious	



We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	69%	14%	16%	0.04%	1%	187g

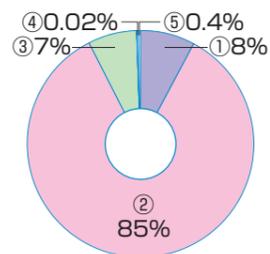
Company name	JA Minabeinami	
Product name	Chocolate Cosmos, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of chocolate cosmos	



We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	6%	58%	34%	0.08%	2%	100g

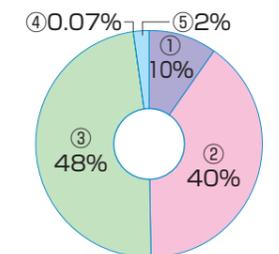
Company name	JA Minabeinami	
Product name	Sunflowers, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of sunflower	



We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	8%	85%	7%	0.02%	0.4%	471g

Company name	JA Minabeinami	
Product name	Dahlias, a flower from the JA Minabeinami MPS Growers' Association	Final Product
PCR Name & ID	Flowers	PA-AW-02
Product Outline (Verified in FY2010)	Flowers shipped by the JA Minabeinami MPS Growers' Association Calculated according to cultivation data from May 2009 to April 2010 The amount of per one stem of dahlia	



We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	10%	40%	48%	0.07%	2%	118g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

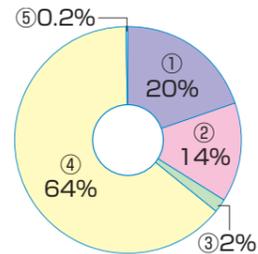
6. Engineering- and Construction-related Products

7. Other Industrial Products

2. Lifestyle Products

泉州タオル

Company name	Osaka Towel Industrial association / Yawaragi Co.,Ltd	
Product name	SenshuTowel:Green Club Manufacturers Face Towel	Final Product
PCR Name & ID	Towel Products	PA-BL-03
Product Outline (Verified in FY2011)	Raw materials: Cotton 100% size:34cmx85cm, weight: approx. 68.75g, Green Club processing (to remove natural and enzymatic starches) during post-bleaching treatment, sales unit (per single towel)	



1.59kg
CO₂

CO₂の「見える化」
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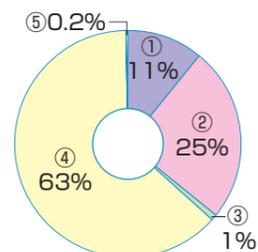
Washing at home:
number of times washed:
183 times
0.56kg-CO₂e per towel
produced during
acquisition of raw
materials, production
and transport stages

- ▶ As Japan's leading towel production region we aim to produce towels that are environmentally friendly, safe and secure.
- ▶ We are making stringent efforts to reduce the use of chemicals by, for example, switching from chemical to natural starches.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	20%	14%	2%	64%	0.2%	1.59kg

KS

Company name	KURASHIKI TEXTILE MANUFACTURING co., Ltd.	
Product name	Pro-touch KM179	Final Product
PCR Name & ID	Towel Products (Dish Towel)	PA-BL-03
Product Outline (Verified in FY2011)	Product size: approx. 34cmx90cm, weight: approx. 51.6g per Dish Towel (cotton 100%), commercial-use Dish Towel using dyed and bleached yarn (50-Dish Towel set weighs approx. 2.58kg), calculation unit is sales unit of 50 Dish Towel	



1.98kg
CO₂

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ふきん 1枚あたり
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検証番号: CV-BL03-003

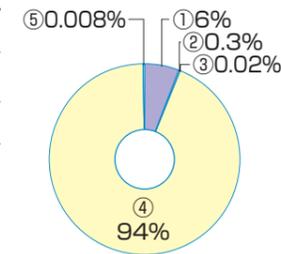
Supposed number of
times washed:
commercially
washed 50 times,
using a household
dryer

- Objective of involvement in CFP:
In order to research the life cycle of daily used Dish Towel through the CFP, and ascertain CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	11%	25%	1%	63%	0.2%	99.0kg

AEON

Company name	Aeon Co., Ltd.	
Product name	TOPVALU Kyokan Sengen: LED light bulbs (neutral white)	Final Product
PCR Name & ID	Lamps for General Lighting	PA-AT-02
Product Outline (Verified in FY2010)	Electricity consumption: 6.5W Rating life: 40,000 hours Product weight: 68g E26 screw base	



133g
CO₂

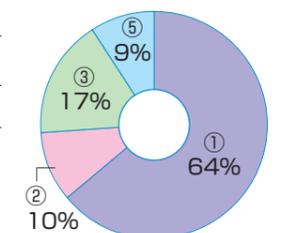
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Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	6%	0.3%	0.02%	94%	0.008%	133kg

TOSO

Company name	TOSO COMPANY, LIMITED	
Product name	Curtain Rail E202	Final Product
PCR Name & ID	Curtain Rails	PA-BT-01
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • A set of two rails (double) and components enabling a twin layer of curtains to be hung • Fits two meter (per window space) retractable curtains (per window space) • Each set weighs 831g 	



3.42kg
CO₂

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- ▶ E202 curtain rails use the C-shape surface shape that minimizes waste of raw materials, and balances performance with environmental consideration.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	64%	10%	17%	0%	9%	3.42kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

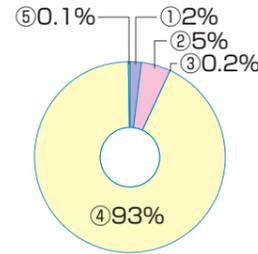
5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

Sanshin

Company name	SANSHIN KAKO CO.,LTD.	
Product name	Polypropylene tray	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-01
Product Outline (Verified in FY2009)	School meal tableware (polypropylene resin tray) Size: 352mm × 268mm × 18mm Weight: 240g Per tray, including wrapping	



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検証番号: CV-AQ-001

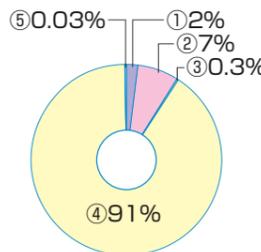
Type of use: Commercial tray
Material: Polypropylene
Supposed number of times used: 1,000 times
CO₂ emissions per use: 0.030kg (including washing)

- ▶ The CO₂ emissions appear large as they are used time and time again. (30.5kg per 1,000 times used)
- ▶ While these amounts appear large, the CO₂ emissions for a single use are only 0.03kg.
- ▶ Around 90% of the emissions are accounted for by washing and drying.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	5%	0.2%	93%	0.1%	30.5kg

Sanshin

Company name	SANSHIN KAKO CO.,LTD.	
Product name	Rice bowl; YBH-771 (Alumina ceramic tableware containing recycled material more than 15%)	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2011)	School meal tableware (high-strength porcelain rice bowl) Size: φ132mm×54mm, weight: 171g, capacity: 370ml Per bowl including wrapping	



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検証番号: CV-AQ02-044

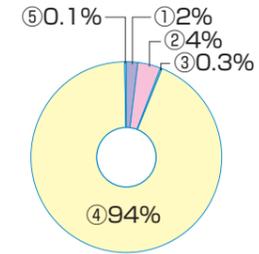
Type of use: Commercial tableware
Material: High-strength porcelain (using 15% or more recycled material)
Waste products are assumed to be recycled after collection
Supposed number of times used: 1,000 times
CO₂ emissions when the bowl is used 1,000 times: 13.5kg (including washing, etc.)
CO₂ emissions when the bowl is used once: 13.5g (including washing, etc.)
CO₂ reduction rate in comparison to our product in-glazing method (verification number: CV-AQ02-028) verified in 2011: 0.155%

- ▶ By recycling over 15% of our collected ceramics CO₂ emissions have been cut by 0.155% more than ordinary products.
- ▶ The CO₂ emissions appear large as they are used time and time again, but the CO₂ emissions for a single use are only 13.5g. Around 90% of the emissions are accounted for by washing and drying.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	7%	0.3%	91%	0.03%	13.5kg

Sanshin

Company name	SANSHIN KAKO CO.,LTD.	
Product name	Rice bowl; YBH-771 (Alumina ceramic tableware with underglaze decorating)	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2011)	School meal tableware (high-strength porcelain rice bowl) Size: φ132mm×54mm, weight: 171g, capacity: 370ml	



CO₂の「見える化」
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http://www.cfp-japan.jp
検証番号: CV-AQ02-045

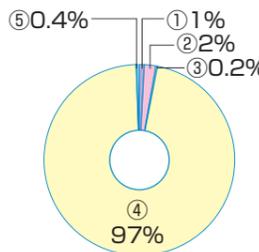
Type of use: Commercial tableware
Material: High-strength porcelain
Supposed number of times used: 1,000 times
CO₂ emissions when the bowl is used 1,000 times: 13.1kg (including washing, etc.)
CO₂ emissions when the bowl is used once: 13.1g (including washing, etc.)
CO₂ reduction rate in comparison to our product in-glazing method (verification number: CV-AQ02-028) verified in 2011: 2.74%
CO₂ reduction rate from the raw materials acquisition stage to the production stage: 31.8% (reduced by cutting the number of times the bowls are fired during production stage).

- ▶ By using a decorating method in which one less high-temperature firing is conducted, CO₂ emissions have decreased, and an overall reduction of 2.74% made.
- ▶ The CO₂ emissions appear large as the bowls are used time and time again, but the CO₂ emissions for a single use are only 13.1g. Around 90% of the emissions are accounted for by washing and drying.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	4%	0.3%	94%	0.1%	13.1kg

朝日化工株式会社

Company name	Asahi-Kako Co., Ltd.	
Product name	Kids' Mate® recycled PET tray RPTA-3527	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2010)	School meals tray (rectangular tray with grips) Size: 0.347m×0.267m×H0.0165m, weight: 0.289kg	



カーボンフットプリント
http://www.cfp-japan.jp
検証番号: CV-AQ02-010

Type of use: Commercial tableware
Material: PET resin (using 75% or more recycled material)
Supposed number of times used: 1,000 times (including washing related processes)
CO₂ emissions when the bowl is used 1,000 times: 26.5kg
It is supposed that waste products will be recycled after collection.

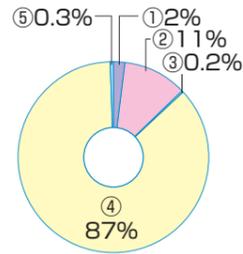
- ▶ Using 75% or more recycled PET resin we have succeeded in creating a durable tray that does not require any glass fibre reinforcing.
- ▶ Since the trays do not contain any glass fibers they can be safely pulverized after collection, and recycled for other uses.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	1%	2%	0.2%	97%	0.4%	26.5kg

2. Lifestyle Products

朝日化工株式会社

Company name	Asahi-Kako Co., Ltd.	
Product name	Kids' Mate® recycled high-strength porcelain tableware (13.2cm colander)	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2010)	School meal tableware (high-strength porcelain bowl) Size: 13.2cm x 5.4cm, weight: 0.155kg	



14.1g
CO₂

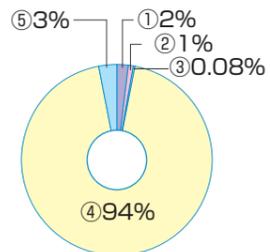
カーボンフットプリント
試行事業
1回使用あたり
<http://www.cfp-japan.jp>
検証番号: CV-AQ02-011

Type of use:
Commercial tableware
Supposed number of times used: 1,000 times (including washing related processes)
CO₂ emissions when the bowl is used 1,000 times: 14.1kg
Material:
High-strength porcelain (using 16% or more recycled material)
It is supposed that waste products will be recycled after collection.

- ▶ In using 16% or more of the collected ceramics that have been ground up, we have succeeded in creating tough high-strength porcelain tableware.
- ▶ After collecting the used products, they are ground up and mixed into clay. Therefore, the high-strength porcelain tableware can be recycled repeatedly.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	11%	0.2%	87%	0.3%	14.1kg

Company name	Kokusai-Kako Co., Ltd.	
Product name	NP55 34cm polypropylene plate	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2010)	Product weight: 255g (not including wrapping) Size: L 34.2cm x W 26cm x H 1.8cm School meal polypropylene tray	



28.4g
CO₂

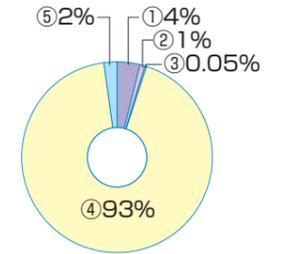
カーボンフットプリント
試行事業
1回使用あたり
<http://www.cfp-japan.jp>
検証番号: CV-AQ02-012

Type of use:
Commercial tableware (tray)
Material:
Polypropylene resin
Supposed number of times used: 1,000 times
CO₂ emissions when the bowl is used 1,000 times: 28.4kg (including washing and drying)

CO₂ emissions during the use stage are high because the trays are used time and time again, and energy-saving efforts during use are therefore vital.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	1%	0.08%	94%	3%	28.4kg

Company name	Kokusai-Kako Co., Ltd.	
Product name	J13 13cm bowl	Final Product
PCR Name & ID	Tableware (Ceramic and synthetic resin products)	PA-AQ-02
Product Outline (Verified in FY2010)	Product weight: 83g (not including wrapping) Size: φ13cm x H 5.5cm School meal melamine bowl (foil finish)	



13.2g
CO₂

カーボンフットプリント
試行事業
1回使用あたり
<http://www.cfp-japan.jp>
検証番号: CV-AQ02-013

Type of use:
Commercial tableware (Bowl: foil finish)
Material: Melamine resin
Supposed number of times used: 1,000 times
CO₂ emissions when the bowl is used 1,000 times: 13.2kg (including washing and drying)

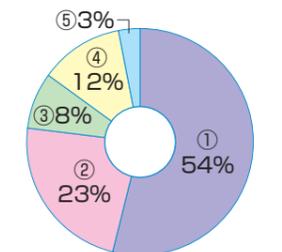
CO₂ emissions during the use stage are high because the trays are used time and time again, and energy-saving efforts during use are therefore vital.

マルケイ

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	4%	1%	0.05%	93%	2%	13.2kg

HATSUTA

Company name	HATSUTA SEISAKUSHO CO., LTD.	
Product name	Stored-Pressure Dry Chemical Fire Extinguisher	Final Product
PCR Name & ID	Fire Extinguisher	PA-BA-02
Product Outline (Verified in FY2010)	Stored-Pressure ABC Dry Chemical Fire Extinguisher PEP-10 Product weight per sales unit (per extinguisher): 5.25kg (including packaging materials)	



15.9kg
CO₂

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BA02-001

We use recycled materials in the raw materials for the fire-extinguishing agents.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	54%	23%	8%	12%	3%	15.9kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

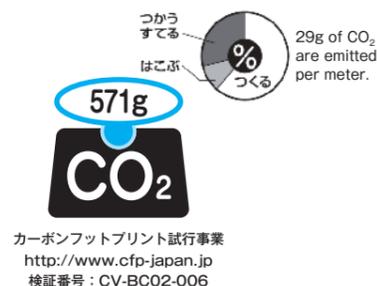
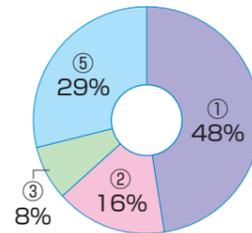
6. Engineering- and Construction-related Products

7. Other Industrial Products

2. Lifestyle Products

CO-OP Japanese Consumers' Co-operative Union

Company name	Japanese Consumers' Co-operative Union	
Product name	CO-OP microwavable wrap film	Final Product
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	Raw material: polymethylpentene W30cm x L20m, heatproof temperature: 180°C, cold resistant temperature: -30°C	

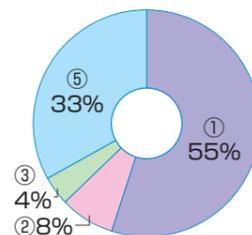


- ▶ Although the wrap film accounts for the bulk of emissions, a certain amount of them arise from the box and cardboard roll, and there is room for making further CO₂ emission cuts by improving the box and cardboard roll as well as the film.
- ▶ Per meter CO₂ emissions become lower the longer the wrap film is.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	48%	16%	8%	0%	29%	571g

Hitachi Chemical Filtec Inc.

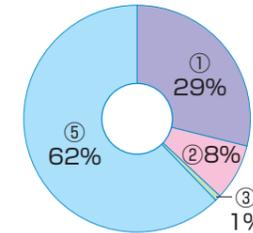
Company name	Hitachi Chemical Filtec Inc.	
Product name	Food Wrap for Consumer Use <Hitachi Wrap> 30cm×20m	Final Product
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2011)	Product name: Food wrap film Raw material: Polyvinyl chloride, weight: 64g (wrap film only)	



- ▶ Resin with low carbon content is used.
- ▶ CO₂ emissions have been cut with the use of materials that are thin but provide excellent performance.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	55%	8%	4%	0%	33%	345g

Company name	Nippon Film Co., Ltd.	
Product name	Higashi Murayama City, Tokyo Designated collection garbage bags for domestic use (combustible garbage)	Final Product
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	0.03mm×650mm×750mm (40L) 10 bag roll Weight: 272.15g (garbage bags weigh 269.4g and paper label wrapping weighs 2.75g)	

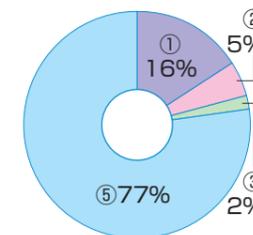


- ▶ Simply wrapped in a paper label, and recycled raw materials used.
- ▶ Automatic continuous production is employed to save energy from material input through to manufacturing.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	29%	8%	1%	0%	62%	1.40kg

株式会社 岩井化成

Company name	Iwaikasei Co., Ltd.	
Product name	Garbage bag: Agri-Poly recycled product "Nokyo Dust bag"	Final Product
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	45L size: 0.03mm×650mm×800mm 10 bag pack (10 bags weigh 287g and the wrapping 4.5g)	



- ▶ This is a garbage bag that utilizes used agricultural polyethylene as a recycle material.

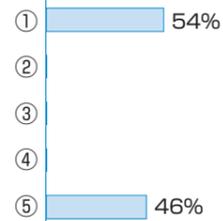
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	16%	5%	2%	0%	77%	1.12kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

2. Lifestyle Products



Company name	ITW Hi-Cone Japan, Ltd.	
Product name	Hi-Cone multi pack (intermediate goods)	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	Per sheet: 3.04g (Hi-Cone carrier weighs 2.95g and the label 0.09g), 273.6kg per pallet, 112mm x 224mm Polyethylene packaging material for multi packs of canned drinks (beers and soft drinks). Calculation unit: 1 pallet (90,000 sheets)	



CO₂: 19.6g
(Raw materials acquisition stage, and disposal and recycling stage)

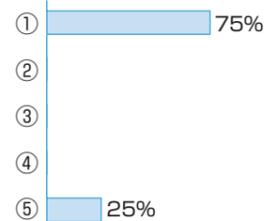
カーボンフットプリント試行事業
キャリア 1 枚あたり
<http://www.cfp-japan.jp>
検証番号: CV-BC02-028

As a packaging material that provides the maximum effectiveness with the minimum of materials used, Hi-Cone multi packs are in wide use throughout the world, and the small size of the environmental burden they generate has now been proved under Japan's carbon footprint system.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (t-CO ₂ /product)
Percentage of CO ₂ emissions	54%	—	—	—	46%	1.76t

大倉工業株式会社

Company name	Okura Industrial Co., Ltd.	
Product name	GPE Micron Roll	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	Thin high-density polyethylene bags in rolls with perforated tear-off lines, which uses plant-derived polyethylene as its main (60%) raw material.	



CO₂: 7.31kg
(Raw materials acquisition stage, and disposal and recycling stage)

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BC02-022

The product's main (60%) raw material is plant-derived polyethylene. It emits 22.3% (2.10kg) less CO₂ than our 100% petroleum-based resin products.

Carbon neutral

▶ By using a biomass material (plant-derived polyethylene) it reduces CO₂ emissions during the disposal stage.

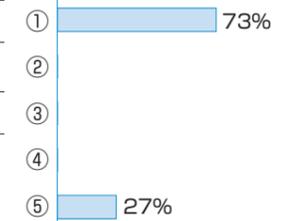
Sustainability

▶ Using a biomass material we save fossil fuels.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	75%	—	—	—	25%	7.31kg

DNP

Company name	Dai Nippon Printing Co., Ltd.	
Product name	Beabelcup Air	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> Plastic cup for drinks (not including lid or accessories) Weight per cup: 9.84g Calculated and shown using an 816-piece case of the cups 	



CO₂: 60.3kg (per single case)
(Raw materials acquisition stage, and disposal and recycling stage)

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カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-BC02-029

▶ We have achieved the lightest 71mm diameter, 250cc cups in the industry at a weight of 9.8g.

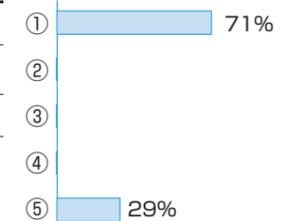
▶ We have reduced the use of plastics by 45% compared to conventional products.

▶ CFP (GHG emissions) is down by 33%.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	73%	—	—	—	27%	60.3kg

KODAMA

Company name	KODAMA PLASTICS Co., Ltd.	
Product name	Pure bottle 4L KX-532	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2010)	Specifications Size: φ168 x H312mm, weight: 317g, capacity 4L, rounded shape	



CO₂: 2.19kg
(Raw materials acquisition stage, and disposal and recycling stage)

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-BC02-030

▶ By making CO₂ emissions "visible" we have ascertained the high points of reduction efficiency.

▶ We enthusiastically participate in activities to reduce the environmental burden, and take part in CFP in order to gain the trust of all our customers.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	71%	—	—	—	29%	2.19kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

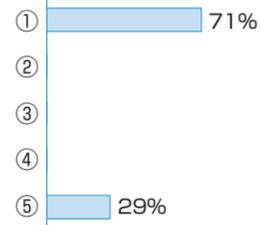
6. Engineering- and Construction-related Products

7. Other Industrial Products

2. Lifestyle Products

中央化学株式会社

Company name	Chuo Kagaku Co., Ltd.	
Product name	Miyama20-12 (Tray for food packaging)	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2011)	Main raw materials: PSP sheets (polystyrene paper)/color: white/product size: 124mm x 198/product weight (per tray): 4.43g/CFP calculation unit: one case containing 1,200 trays (24 bags with 50 trays in them)/ case size: L90cm x W50cm x H60cm/case weight: 7.15kg (including packaging materials)	



CO₂: 41.2kg
Raw materials acquisition stage (acquisition of raw materials for containers and packaging, production, transport) and disposal/recycling stage (disposal and recycling of containers and packaging)

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カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BC02-031

▶ We are trying to make a mechanism to make our CO₂ emissions visible and swiftly respond to customer needs through the businesses that use our products.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	71%	—	—	—	29%	41.2kg

3.

Clothing-related Products

PCR Name	PCR ID
●Uniform	PA-AO
●Powder Detergent	PA-AC

N.B. The PCR codes shown do not include the edition numbers.

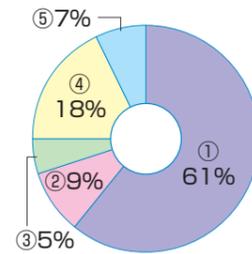
Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear jacket AR4817	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 80% (recycled polyester 45%), wool 20% • Product weight: 0.546kg (jacket weight: 0.341kg; wrapping and packaging material, transport material: 0.205kg) • Size assessed: Size 9 	



14.4kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-035

Number of times cleaned:
20 times
Method of cleaning:
dry cleaning

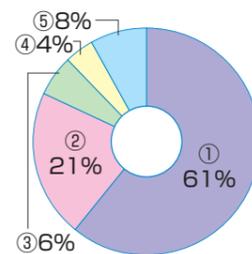
Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 0.678kg.
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.572kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.75kg of CO₂ emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	61%	9%	5%	18%	7%	14.4kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear vest AR2817	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 80% (recycled polyester 45%), wool 20% • Product weight: 0.355kg (vest weight: 0.198kg; wrapping and packaging material, transport material: 0.157kg) • Size assessed: Size 9 	



8.7kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-036

Number of times cleaned:
20 times
Method of washing:
washed at home and ironed

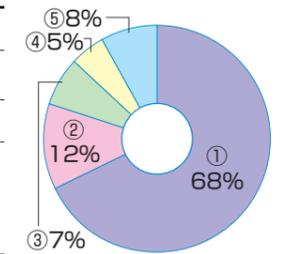
Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 0.416kg.
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.335kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.01kg of CO₂ emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	61%	21%	6%	4%	8%	8.66kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear tight skirt AR3434-1	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Recycled polyester 70%, wool 30% • Product weight: 0.416kg (skirt weight: 0.295kg; wrapping and packaging material, transport material: 0.121kg) • Size assessed: Size 9 	



9.1kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-044

Number of times cleaned:
20 times
Method of washing:
washed at home and ironed

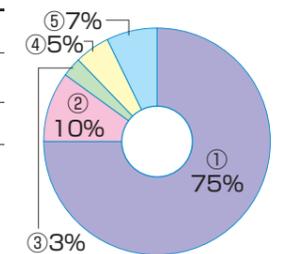
Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 0.871kg.
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.435kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.44kg of CO₂ emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	68%	5%	7%	12%	8%	9.08kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear pants AR5433-1	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Recycled polyester 70%, wool 30% • Product weight: 0.647kg (pants weight: 0.516kg; wrapping and packaging material, transport material: 0.131kg) • Size assessed: Size 9 	



15.2kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-045

Number of times cleaned:
20 times
Method of washing:
washed at home and ironed

Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 1.70kg.
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.746kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 2.53kg of CO₂ emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	75%	3%	7%	10%	8%	15.2kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

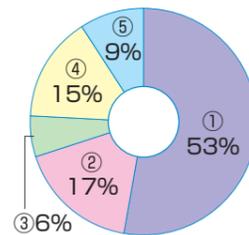
6. Engineering- and Construction-related Products

7. Other Industrial Products

3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear long-sleeved blouse AR1447	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 92% (of which 77% is recycled fibre), cotton 8% • Product weight: 0.297kg (blouse weight: 0.152kg; wrapping and packaging material, transport material: 0.145kg) • Size assessed: Size 9 	



6.8kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-007

Number of times cleaned:
50 times
Method of washing:
washed at home and ironed

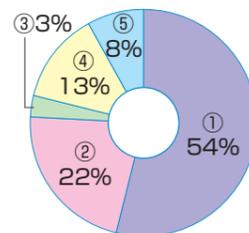
Effectiveness of recycling

▶ Of the material used in this product, 77% is recycled material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 0.57kg.
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.13kg emitted from disposal by incineration. If all of these products are recycled as chemical material for other products, compared to making that material anew, a saving of 2.53kg of CO₂ emissions can be accomplished. (If the size assessed is size 9.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	53%	17%	6%	15%	9%	6.77kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's jacket TE2013	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 100% • Product weight: 0.836kg (jacket weight: 0.628kg; wrapping and packaging material, transport material: 0.208kg) • Size assessed: Size A5 	



23.2kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-022

Number of times cleaned:
20 times
Method of cleaning:
dry cleaning

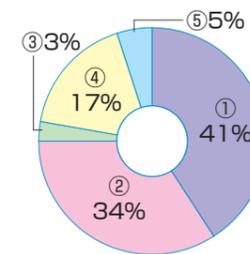
Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 1.27kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 3.53kg of CO₂ emissions can be accomplished. (If the size assessed is A5 size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	54%	22%	3%	13%	8%	23.2kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's vest TE9013	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 100% • Product weight: 0.387kg (vest weight: 0.262kg; wrapping and packaging material, transport material: 0.125kg) • Size assessed: L Size 	



14.7kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-023

Number of times cleaned:
20 times
Method of cleaning:
dry cleaning

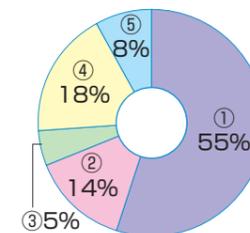
Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.53kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.47kg of CO₂ emissions can be accomplished. (If the size assessed is L size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	41%	34%	3%	17%	5%	14.7kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's slacks TE5813	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Polyester 100% • Product weight: 0.538kg (slacks weight: 0.440kg; wrapping and packaging material, transport material: 0.098kg) • Size assessed: Size W82 	



15.8kg
CO₂

カーボンフットプリント試行事業
http://www.cfp-japan.jp
検証番号: CV-AO03-024

Number of times cleaned:
20 times
Method of cleaning:
dry cleaning

Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.89kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 2.46kg of CO₂ emissions can be accomplished. (If the size assessed is W82 size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	55%	14%	5%	18%	8%	15.8kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

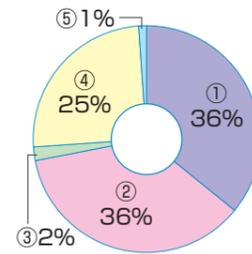
6. Engineering- and Construction-related Products

7. Other Industrial Products

3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	Apron for specific companies	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> • Polyester 100% (of which 70% is recycled polyester) • Product weight: 0.287kg (apron weight: 0.221kg; wrapping and packaging material, transport material: 0.066kg) • Collected after usage and material was recycled (turned into material for interior finishing material for automobiles) • Size assessed: L Size 	



8.8kg
CO₂

CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-AO03-055

Number of times cleaned:
100 times
Method of washing:
washed at home and ironed

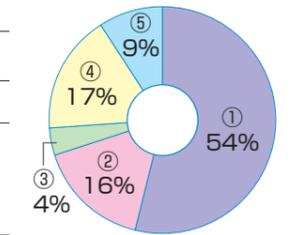
Effectiveness of recycling

- ▶ This product uses 70% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO₂ emissions are reduced by 0.710kg.
- ▶ Collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO₂ emissions can be reduced by 0.445kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.23kg of CO₂ emissions can be accomplished. (If the size assessed is L size.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	36%	36%	2%	25%	1%	8.76kg



Company name	ASICS Corporation	
Product name	school uniform "training pants AN-451	Final Product
PCR Name & ID	Uniform	PA-AO-02
Product Outline (Verified in FY2009)	Weight of one pair of sweatpants: 411g (L size)	



10.7kg
CO₂

カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号：CV-AO-006

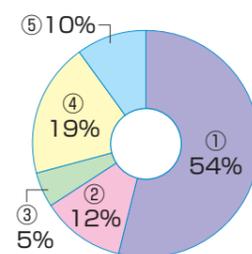
Additional notation
Supposed number of times washed:
100 times
Method of washing:
washed at home (not ironed)

- ▶ These sweatpants are worn during school PE classes and have the Eco Mark certification.
- ▶ These sweatpants are collected after usage and recycled.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	54%	16%	4%	17%	9%	10.7kg



Company name	ASICS Corporation	
Product name	school uniform "training shirts AN-351	Final Product
PCR Name & ID	Uniform	PA-AO-02
Product Outline (Verified in FY2009)	Weight of one sweatshirt: 541g (L size)	



12.6kg
CO₂

カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号：CV-AO-005

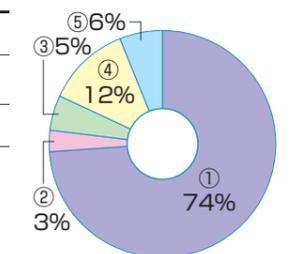
Additional notation
Supposed number of times washed:
100 times
Method of washing:
washed at home (not ironed)

- ▶ These sweatshirts are worn during school PE classes and have the Eco Mark certification.
- ▶ These sweatshirts are collected after usage and recycled.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	54%	12%	5%	19%	10%	12.6kg



Company name	Onward Trading Co., Ltd.	
Product name	Uniform (White uniform for nurses – dress)	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Opens with a front centre zipper and with pockets on the top left and lower left/right sides • For all-season use • Size assessed: L size (weight of product:0.524g) • Sizes available: S - EL 	



18.6kg
CO₂

カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号：CV-AO03-033

Method of washing:
washed at home (not ironed)
Supposed number of times washed:
100 times

N.B. The method of washing for this product is assumed to be either at facilities or done by the individual. (If commercially washed, CO₂ emissions would differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	74%	3%	5%	12%	6%	18.6kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

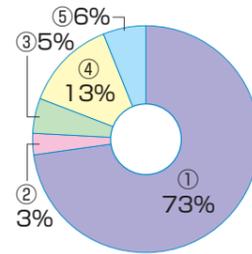
6. Engineering- and Construction-related Products

7. Other Industrial Products

3. Clothing-related Products

ONWARD

Company name	Onward Trading Co., Ltd.	
Product name	Uniform (White uniform for nurses – long pants)	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Opens with a front centre zipper and with pockets on the top left and lower left/right sides • For all-season use • Size assessed: L size (weight of product 0.363kg) • Sizes available: S - EL 	



カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AO03-034

Method of washing:
washed at home
(not ironed)
Supposed number of
times washed:
100 times

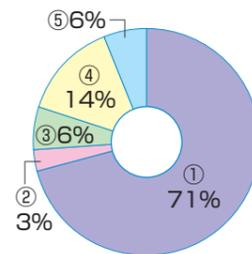
N.B. The method of
washing for this
product is assumed
to be either at
facilities or done by
the individual. (If
commercially
washed, CO₂
emissions would
differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	73%	3%	5%	13%	6%	13.0kg

ONWARD

Company name	Onward Trading Co., Ltd.	
Product name	Uniform (White uniform for nurses – jacket)	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Opens with a front centre zipper and with pockets on the top left and lower left/right sides • For all-season use • Size assessed: L size (weight of product 0.370g) • Sizes available: S - EL 	



カーボンフットプリント
試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AO03-032

Method of washing:
washed at home
(not ironed)
Supposed number of
times washed:
100 times

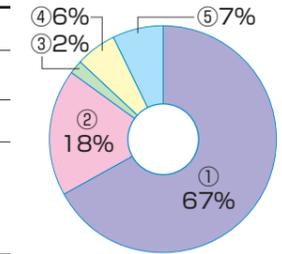
N.B. The method of
washing for this
product is assumed
to be either at
facilities or done by
the individual. (If
commercially
washed, CO₂
emissions would
differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	71%	3%	6%	14%	6%	12.6kg

SELEFY

Company name	Selery Co.,Ltd.	
Product name	Ladies' office wear Jacket S-24190	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> • Polyester 100%, Single-style with one button • Product able to be home-washed • Product weight: 538g (Size assessed: Size 9) • All-season product (To be worn all year-round) 	



CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-AO03-051

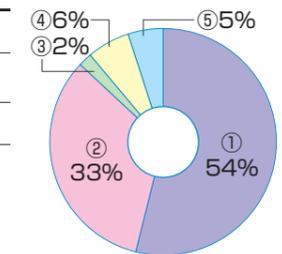
Number of times washed:
20 times
Method of washing:
washed at home and
ironed

- ▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO₂ emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO₂ emissions in each stage of a product's life cycle, leads to reducing the CO₂ of the product in total.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	67%	18%	2%	6%	7%	17.2kg

SELEFY

Company name	Selery Co.,Ltd.	
Product name	Ladies' office wear Skirt S-15380	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> • 100% polyester tight skirt • Product able to be home-washed • Product weight: 222g (Size assessed: Size 9) • All-season product (To be worn all year-round) 	



CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-AO03-052

Number of times washed:
20 times
Method of washing:
washed at home and
ironed

- ▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO₂ emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO₂ emissions in each stage of a product's life cycle, leads to reducing the CO₂ of the product in total.

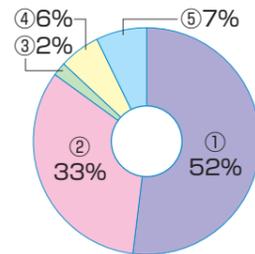
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	54%	33%	2%	6%	5%	9.65kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

3. Clothing-related Products



Company name	Selry Co.,Ltd.	
Product name	Ladies' office wear Vest S-03250	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> • Polyester 100%, Single-style with four buttons • Product able to be home-washed • Product weight: 237g (Size assessed: Size 9) • All-season product (To be worn all year-round) 	



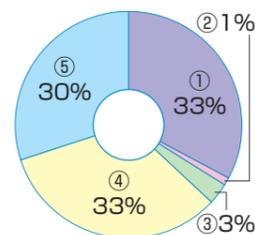
Number of times washed: 20 times
Method of washing: washed at home and ironed

▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO₂ emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO₂ emissions in each stage of a product's life cycle, leads to reducing the CO₂ of the product in total.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	52%	33%	2%	6%	7%	10.4kg



Company name	AEON Co., Ltd.	
Product name	TOPVALU Super Clean	Final Product
PCR Name & ID	Powder Detergent	PA-AC-01
Product Outline (Verified in FY2009)	<ul style="list-style-type: none"> • Product name: synthetic detergent (laundry detergent) • Application: cotton, linen, synthetic fabric • pH: alkaliescent • Net weight: 1.0kg 	



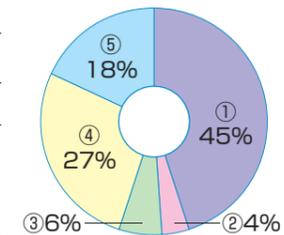
洗濯一回当たり 251g
つかう・すすめる
はこぶ

▶ Recycled paper is used in the product's package.
▶ When the product is being transported from overseas, it is delivered efficiently so as not to bring about any extra work.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	33%	1%	3%	33%	30%	6.3kg



Company name	Japanese Consumers' Co-operative Union	
Product name	Co-op Sefter with whitener, simple package, 1.0kg (in a bag)	Final Product
PCR Name & ID	Powder Detergent	PA-AC-02
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> • Synthetic detergent (laundry detergent) • Net weight: 1000g • Normal usage amount: 50g for 60 L of water (spoon not included) 	



カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号：CV-AC02-002

つかう・すすめる
はこぶ
CO₂ emissions are 364g per wash (using 60L of water).

▶ From the business operator's side, the amount of CO₂ emissions from the raw materials is large. From the consumer's side, the amount of CO₂ emissions from the water used and its disposal is large.
▶ If consumers are ingenious about the way they do their washing, it is possible to reduce the amount of CO₂ emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	45%	4%	6%	27%	18%	7.27kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

4.

Printing-related Products

PCR Name	PCR ID
●Publicity printings & Printing products for business use····	PA-BS
●Publishing & Commercial printing (work in process)····	PA-AD
●PS plate for Lithographic printing··········	PA-AF

N.B. The PCR codes shown do not include the edition numbers.

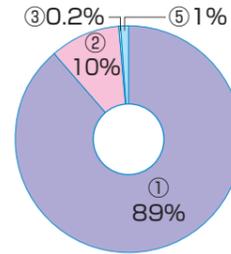
Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

4. Printing-related Products

DNP

Company name	Dai Nippon Printing Co., Ltd	
Product name	Dai Nippon Printing Co., Ltd (DNP) leaflets (for Eco-Products 2010 distribution)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	Size: 200mm x 200mm, 6 pages, 4-color waterless offset printing, tri-folded, 5,000 copies printed, weight per copy: 15.5g	



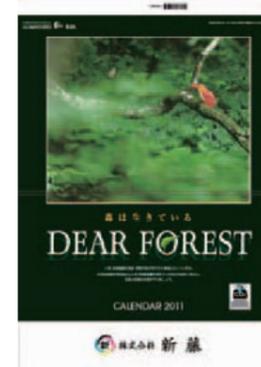
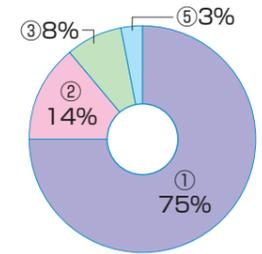
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-002

- ▶ A leaflet aiming to easily explain carbon footprints mainly to elementary and junior high school children.
- ▶ Used non-wood paper (Reed paper containing 30% reed pulp), and biomass ink, and printed with a waterless offset printing method.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	89%	10%	0.2%	0%	1%	152g

新 株式会社 新藤

Company name	Shindo & Co., Ltd.	
Product name	Corporate promotion calendar (A2 size, 7-pages)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	Paper: Recycled coated paper, Size: A2 Colors: 4 on one side, 7 pages Weight per calendar: 238g	



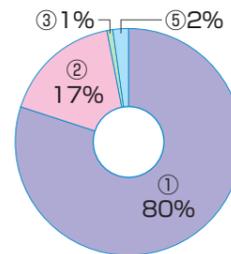
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-006

- ▶ We use 100% recycled paper.
- ▶ Printing method employed that is compliant to green procurement as much as possible.
- ▶ 75% of CO₂ is emitted during the raw material acquisition stage, so future thought needs to be given to materials.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	75%	14%	8%	0%	3%	773g

日本ビジネス出版

Company name	Japan Business Publishing Co., Ltd.	
Product name	Special issue of Kankyo Business (Environmental Business) featuring Eco-Products 2010	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	A4 size, 12 pages, 4-color center-stapled, paper: "Tomoe River" paper, one book weighs 26.43g (calculated from the data: weight of 20,000 copies=528.63kg)	



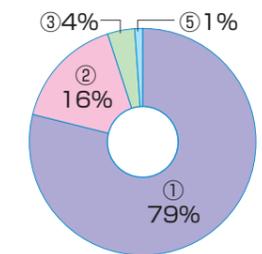
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-005

- ▶ CO₂ emissions are kept down by using low weight ultra-thin Tomoe River paper.
- ▶ Consideration has been paid to the environment by using non-alcohol etching solution (with no IPA) in the dampening water used in offset printing.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	80%	17%	1%	0%	2%	72.2g

CFJF

Company name	Carbon Footprint Japan Forum	
Product name	Carbon Footprint Japan Forum pamphlet	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	A4 tri-fold (6 pages) printed in 4 colors Paper: FSC approved paper (matt coated) Calculated per copy on the basis of a 10,000 copy print run Weight for 10,000 copies: 51.6kg (paper and ink) Weight per copy: 5.16g	



カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-007

- ▶ With the objective of spreading, gaining acceptance for and utilizing carbon footprints that visualize CO₂ as an effective way to realize a low-carbon society, we support private businesses, municipalities and consumers groups etc. that enthusiastically involve themselves in carbon footprint activities.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	79%	16%	4%	0%	1%	26.7g

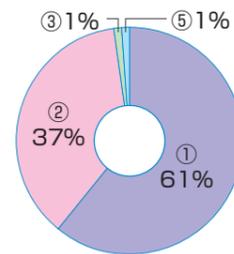
1. Food-related Products
 2. Lifestyle Products
 3. Clothing-related Products
 4. Printing-related Products
 5. Office-related Products
 6. Engineering- and Construction-related Products
 7. Other Industrial Products

4. Printing-related Products

KINYOSHA PRINTING CO., LTD.

<http://www.kinyosha.co.jp>

Company name	KINYOSHA PRINTING CO., LTD	
Product name	a leaflet for the music jacket gallery permanent exhibition	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	Size: A4 (210mm x 297mm), 6.64g per leaflet, 2 pages including front and reverse side, colors: front: YMCK 4 colors, reverse: 2 colors, paper: cut-off 939mm x 636mm(kiku-zen size) coated paper, printed on 469mm x 636mm(kiku-han size) (Aurora Coat kiku-size) (weight per 1,000 sheets: 62.5kg), imposition: 4-up, copies printed: 4,800	



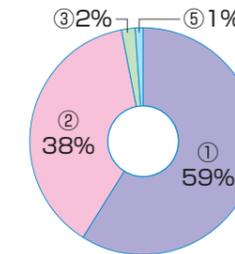
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-008

- ▶ The leaflet is published regularly (every 3 months), and as the specifications are always the same it is possible to print the mark on all of the leaflets after they have been verified once.
- ▶ The calculations use the actual levels measured by an electricity-measuring device at our production facilities.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	61%	37%	1%	0%	1%	31.7g

SNP 新日本印刷株式会社

Company name	Shinnihon Printing Inc.	
Product name	Eco-printing guide pamphlet	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	A3 size, two-folded Paper: New V Matt (FSC certified) 157.0g/m ² Color: Color duplex printing Product quantity: 2,850 copies Figures shown are per copy	

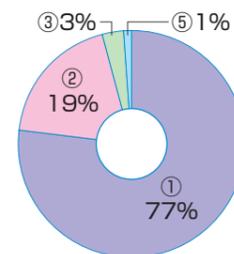


カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-010

- This publication was produced with consideration to the environment using waterless printing, Non-VOC ink, FSC certified paper and Green Printing (GP★★) certified.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	59%	38%	2%	0%	1%	158g

Company name	Japan Waterless Printing Corporate Association	
Product name	Waterless printing suggestions pamphlet	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	Size: 210mm x 297mm Production format: tri-folded (opens out to 297mm x 620mm) (Wrapped in Kraft paper in bundles of 100 copies)	

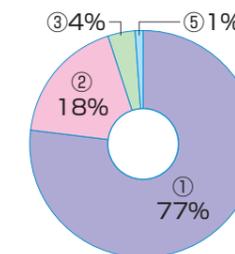


カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-009

- ▶ A publication printed with environmentally friendly waterless printing methods, in which dampening water that does not contain volatile organic compounds is used.
- ▶ We are involved in CFP as a part of our environmentally considerate activities.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	77%	19%	3%	0%	1%	215g

Company name	JAPAN FEDERATION OF PRINTING INDUSTRIES	
Product name	"Paper Containers, Packaging and Wrapping(intermediate goods)" Product Category Rules (PCR) (Approved PCR ID:PA-BB-02) "Plastic Container and Packaging" Product Category Rules (PCR) (Approved PCR ID:PA-BC-02) Guideline in GHG emission calculation for printing business	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2010)	A4, 160 pages, adhesive binding, 424g, 600 copies printed	



カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BS01-011

- The CO₂ emissions at the raw material acquisition and production stages were calculated using "Publishing and Commercial Printing (intermediate goods)" PCR (Approved PCR ID: PV-AD-02) Guideline in GHG emission calculation for printing business, which was published by the Japan Federation of Printing Industries.

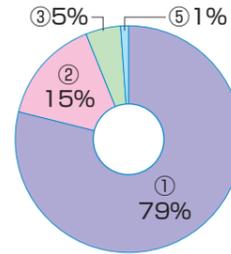
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	77%	18%	4%	0%	1%	2.96kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

4. Printing-related Products

SCREEN

Company name	Dainippon SCREEN MFG. Co., Ltd.	
Product name	Dainippon Screen Mfg. Product Catalog (A4 size, 4pages)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	Size: A4 (210mm × 297mm), 4 pages Color: 4-color duplex printing, paper: A2 coated 127.9g/m ² Product quantity: 4,030 copies (16.1g per copy)	



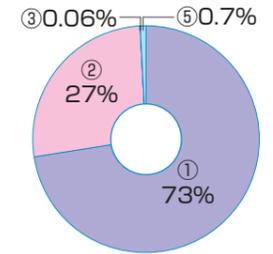
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-014

▶ Implemented in order to visualize the CO₂ emissions generated in the production of our company's catalog.
▶ We sought to achieve a versatile means of operation in which certification is obtained for specifications (size, page numbers, print run etc.) rather than on an individual catalog basis.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	79%	15%	5%	0%	1%	83.2g

S サンコー印刷 株式会社

Company name	Sanko Printing Co.,Ltd.	
Product name	Sanko Printing Co.,Ltd. Company Profile.	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	A4, 6 pages, tri-folded, offset printing Quantity: 1,000 copies printed Weight per copy: 29.6g	



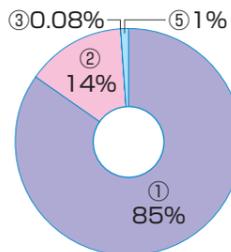
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-027

▶ As emissions at the raw materials acquisition stage are comparatively large, acquisition methods are very important.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	73%	27%	0.06%	0%	0.7%	256g

TOPPAN

Company name	Toppan Printing Co., Ltd.	
Product name	TOPPAN SOLUTION BOOK (For Eco-Friendly Business)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	Size: A4 (210mm × 294mm), 20 pages, weight per copy: 66.8g Specifications: Center-stapled, 3,000 copies produced	



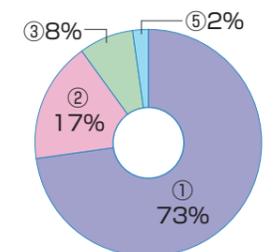
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-016

As the CO₂ emissions deriving from paper are fairly high in printed matter, we promote reductions in the amount of wasted print paper by improving production efficiency, and reductions in the amount of energy used by energy saving activities.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	85%	14%	0.08%	0%	1%	333g

FUJIFILM

Company name	FUJIFILM Graphic Systems Co., Ltd	
Product name	FFGS ECONEX XP Brochure (A4 three-fold)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	Size: A4 (210mm × 297mm), product weight: 29.34g, three-folded format Paper: Shiroku-size matt coated 135kg, colors: duplex four-color process printing, thick film printing and clear coating Quantity: 5000 copies printed	



CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-028

By displaying the CFP mark on our digital thermal plate pamphlets Fujifilm, currently the only company conducting CFP labeling in printing materials, became involved in this pilot project in order to positively advertise its environmental responses, and contribute to improving awareness about the CFP system.

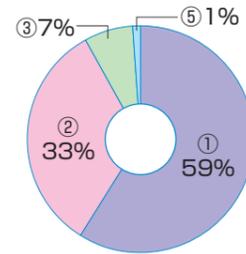
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	73%	17%	8%	0%	2%	128g

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

4. Printing-related Products

KOMORI

Company name	KOMORI CORPORATION	
Product name	Komori Group Environmental and Social Responsibility Report 2011	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	A4 size (210 × 297mm), weight: 58.5g per copy, center-stapled (in two places), 16 pages, 4-color, 3,000 copies produced	



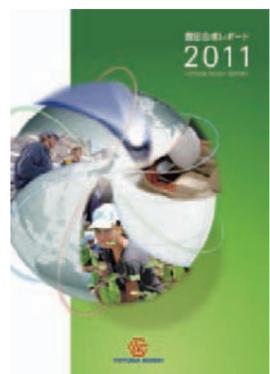
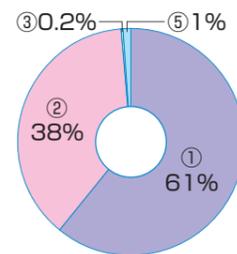
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-029

- ▶ Emissions at the raw materials acquisition stage are large.
- ▶ Environmentally friendly vegetable oil inks are used.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	59%	33%	7%	0%	1%	399g

TOYODA GOSEI

Company name	TOYOTA GOSEI CO.,LTD	
Product name	TOYOTA GOSEI REPORT 2011	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	Size: A4, 56 pages + 2-page questionnaire (210mm × 297mm), notch bound Paper: New V Matt Kiku size (939mm × 636mm), 93.5kg (157.0g/m ²), 48.5kg (81.4g/m ²) Color: 4-color cover, 4-color reverse Quantity: 3,700 copies produced at a weight of 162g per copy	



ライフサイクル全体のCO₂排出量
895g
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-031

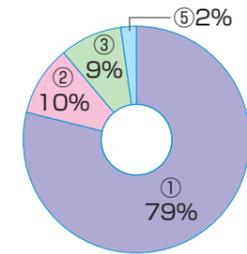
We convert the GHG emissions generated throughout the life cycle "from raw materials acquisition to disposal and recycling" under the carbon footprint system pilot project to the amount of CO₂, and calculate and display those emissions.

- ▶ The publication as produced using FSC certified paper, Non-VOC ink and waterless printing. We also made very possible attempt to reduce unnecessary packaging materials at the transport stage.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	61%	38%	0.2%	0%	1%	895g

TOYO INK GROUP

Company name	Toyo Ink SC Holdings Co.,Ltd.	
Product name	Toyo Ink Group Social & Environmental Report 2011	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	Weight per copy: 177g (main text A4 size, 52 pages + one-page questionnaire) Offset 4-color printing, center-stapled 8,000 copies printed	



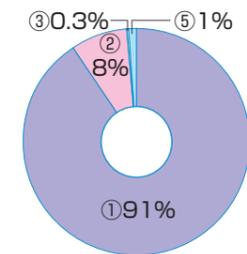
CO₂の「見える化」
カーボンフットプリント
1部あたり
<http://www.cfp-japan.jp>
検証番号：CV-BS01-032

- ▶ Toyo Ink Group seeks to provide environmentally friendly products.
- ▶ The report uses rice inks that lead to less waste through local production for local consumption, and FSC certified paper in order to conserve forestry resources.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	79%	10%	9%	0%	2%	518g

SUN-A

Company name	SUN-A Printing Co.,Ltd.	
Product name	SUN-A LOHAS Printing Leaflet	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	A4, 16 pages, 4-color offset printing, center-stapled 1,000 copies produced Weight: 53g per copy	



CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-033

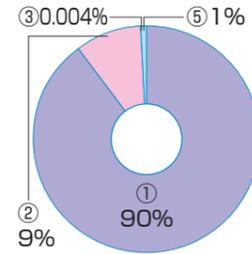
- Visualization of CO₂ from printed matter
- Environmentally considerate raw materials and printing methods are used.
- ▶ Paper is FSC certified.
 - ▶ Ink is rice ink.
 - ▶ Waterless printing is employed.
- The percentage of paper-related emissions is large so care is needed in selecting the thickness of the paper.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	91%	8%	0.3%	0%	1%	287g

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

4. Printing-related Products

Company name	Shinnihon Kogyo Co.,Ltd	
Product name	Shin Nihon Kogyo co.,Ltd Comapany Profile (for recruiting)	Final Product
PCR Name & ID	Publicity printings & Printing products for business use	PA-BS-01
Product Outline (Verified in FY2011)	A4 tri-folded, 4-color duplex printing Paper: matt coated, product weight: 28g, 800 copies printed	



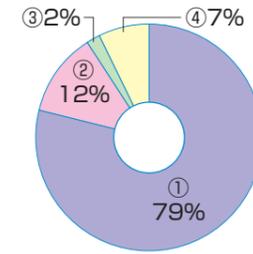
291g
CO₂
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-BS01-034

- ▶ We kept the wrapping simple as 90% of emissions derive from raw material acquisition.
- ▶ The print run was relatively small so we eliminated emissions through storage innovations.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	90%	9%	0.004%	0%	1%	291g

FUJIFILM

Company name	FUJIFILM Corporation	
Product name	Digital Thermal Plate (with development process)	Final Product
PCR Name & ID	PS plate for Lithographic printing	PA-AF-02
Product Outline (Verified in FY2009)	Thickness: 0.24mm GHG emissions per square meter of individually wrapped product (including wrapping materials and inserts) There is a development process at the usage stage	



0.24mm 厚
8.85kg/m²
CO₂

Thickness (mm)	CO ₂ (Kg/m ²)
0.15	6.42
0.20	7.77
0.24	8.85
0.30	10.5
0.40	13.2

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号：CV-AF-003

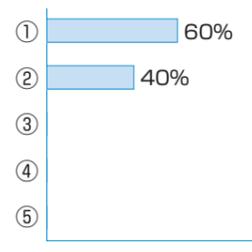
N.B. The carbon footprint labeling is the thickness of 0.24mm. Please refer to the list for carbon emission for each thickness.

- ▶ This PS plate recycles the chips generated in the production process into the same PS plate.
- ▶ This recycling effort has led to a 6% reduction in GHG emissions compared to when virgin metals are used. (FY2008 figures.)

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	79%	12%	2%	7%	0%	8.85kg / m ²



Company name	Sun Messe Co.,Ltd	
Product name	Brochure (two-fold) A4, 6C/4C, 5000copies	Intermediate Goods
PCR Name & ID	Publishing & Commercial printing (work in process)	PA-AD-02
Product Outline (Verified in FY2011)	Ordinary two-fold brochure	



CO₂ : 425kg
(原材料調達段階から
生産段階まで)

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- ▶ In conjunction with customer needs to conduct carbon footprint initiatives by printed materials, as a very typical sample we applied for versatile printed matter as intermediate goods. By doing so, we will make a formula for our carbon footprint products and deliver them to customers.
- ▶ We used an environmentally considerate press plate in the raw materials acquisition process and kept CO₂ emissions down to 10% less than usual.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	60%	40%	—	—	—	425kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

5.

Office-related Products

PCR Name	PCR ID
●Writing Instruments	PA-AS
●Paper Products for stationery	PA-AZ
●File/Binder	PA-AR
●Office Furniture	PA-AK
●Broadly-applicable PCR(Energy-using Consumer Goods) ...	PA-BQ
●IT Equipments	PA-CI
●Teleconference Systems using Interactive White Board...	PA-BI
●ICT Hosting Service of Cloud Service Provider ...	PA-AX
●Application Service	PA-CT

N.B. The PCR codes shown do not include the edition numbers.

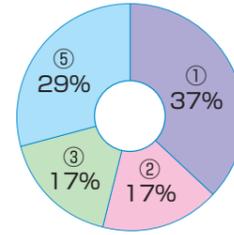
Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

5. Office-related Products



Company name	Shachihata Inc	
Product name	Permanent Marker "Kawakimapen"	Final Product
PCR Name & ID	Writing Instruments	PA-AS-02
Product Outline (Verified in FY2010)	Ink (oil based dyestuff ink), body (recycled PP), cap (recycled PP), end plug (recycled PP), holder (PP), packing (polyethylene resin), pen nib (polyester fiber), filter (polyester fiber) Product weight: 20g	



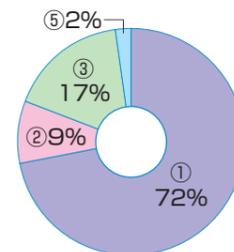
カーボンフットプリント試行事業
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 検証番号：CV-AS02-001

- ▶ Recycled materials are used.
- ▶ The pens can be reused with ink refills and by changing the pen nib.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	37%	17%	17%	0%	29%	153g



Company name	Maruman Corporation	
Product name	ecospiral notebook (B5size)	Final Product
PCR Name & ID	Paper Products for stationery	PA-AZ-03
Product Outline (Verified in FY2011)	L257mm x W182mm Weight: 130g (calculated with one notebook) Number of sheets: 30sheets	



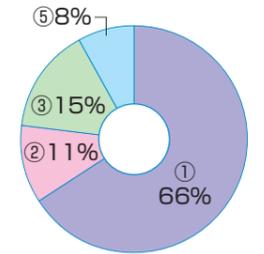
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- ▶ These notebooks are made at our Miyazaki plant which utilizes photovoltaic power generation.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	72%	9%	17%	0%	2%	287g



Company name	IMURA ENVELOPE CO., INC.	
Product name	Pocket Envelopes with Window Envelopes, 120x235 mm, 5000 Count	Final Product
PCR Name & ID	Paper Products for stationery	PA-AZ-03
Product Outline (Verified in FY2011)	Size: 120mmx235mm Thickness of paper: 81.4g/m ² Product weight: 5.33g Window size: 45mmx90mm Window material: OPS film 25 microns Print: outside surface, front and back one colour Flap glue: Adhere glue Number in lot: 5,000 envelopes Work methods: manufacture of envelopes from flat paper, printing front and back	



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The carbon footprint value of these envelopes is that of one envelope when manufactured in lots of 5000.

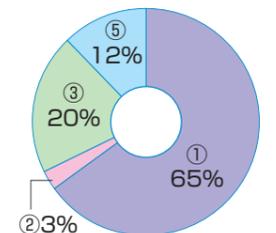
These envelopes have the following special features:

- ▶ Easy-to-use pastel colours
- ▶ As the material used makes it difficult to see what is inside the envelope, printing on the inside of the envelope is not necessary. (Lowers the load on the environment at the printing stage.)
- ▶ The material used for the windows is 50% recycled

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	66%	11%	15%	0%	8%	25.0g



Company name	IMURA ENVELOPE CO., INC.	
Product name	Green Tea Leaf Envelopes, 240x332mm, 3000 Count	Final Product
PCR Name & ID	Paper Products for stationery	PA-AZ-03
Product Outline (Verified in FY2011)	Size: 240mmx332mm Thickness of paper: 68g/m ² Window: none Print: outside surface, front and back one colour Flap glue: no glue Number in lot: 3,000 envelopes Product weight: 12.1g Work methods: manufacture of envelopes from roll paper, printing front and back	



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 検証番号：CV-AZ03-020

The carbon footprint value of these envelopes is that of one envelope when manufactured in lots of 3000.

These envelopes have the following special features:

- ▶ One hundred envelopes contain used tea leaves equivalent to approximately 50 PET bottles of 500ml size.
- ▶ Due to the effect of the specks of used tea leaves, the inside of the envelopes cannot be easily seen, and printing on the inside of the envelope is not necessary. (Lowers the load on the environment at the printing stage.)
- ▶ Paper used in these envelopes is 20% thinner than that used in ordinary envelopes of the same size.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	65%	3%	20%	0%	12%	43.7g

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

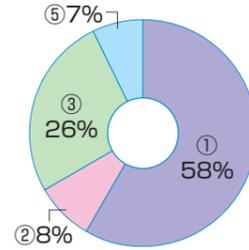
6. Engineering- and Construction-related Products

7. Other Industrial Products

5. Office-related Products

KOKUYO

Company name	Kokuyo S&T Co., Ltd.	
Product name	Tube File [ECOTWIN-R] (using wood from forest-thinning)	Final Product
PCR Name & ID	File/Binder	PA-AR-01
Product Outline (Verified in FY2009)	A4 vertical, file thickness 50mm, 2 holes, color - blue	



2,030g
CO₂

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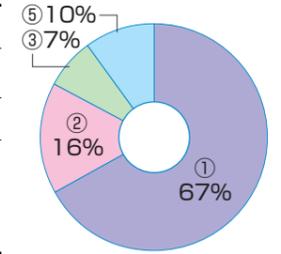
N.B. The actual products on sale do not show the CFP mark.

- ▶ The cover uses wood from forest-thinning in its core.
- ▶ The file clip can easily be separated from the cover.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	58%	8%	26%	0%	7%	2,030g

KOKUYO

Company name	KOKUYO FURNITURE Co.,Ltd.	
Product name	FLEXCEL	Final Product
PCR Name & ID	Office Furniture	PA-AK-01
Product Outline (Verified in FY2009)	Size: W900mm×H1135mm Product weight: 18 kg	



46kg
CO₂

カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
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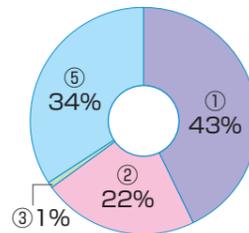
- ▶ Emissions from packaging materials are extremely low as a cutting back of packaging material is being enforced.
- ▶ There are no GHG emissions at the stages of usage and maintenance.

N.B. The panel shown in the photo is the said product.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	67%	16%	7%	0%	10%	46kg

清水印刷紙工株式会社

Company name	SHIMIZU PRINTING INC.	
Product name	Eco products for 2010, clear file holder manufactured from polypropylene (PP)	Final Product
PCR Name & ID	File/Binder	PA-AR-02
Product Outline (Verified in FY2010)	Clear file holder for documents printed on PP using 4 colors (210mm×310mm, 27.1g/holder)	



223g
CO₂

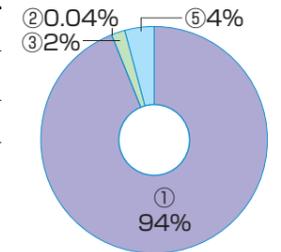
カーボンフットプリント試行事業
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検証番号: CV-AR02-001

- ▶ Rather than calculating the CO₂ emissions alone, being able to use the results of sensitivity analyses of different materials and production methods served as a useful reference for the company.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (g-CO ₂ /product)
Percentage of CO ₂ emissions	43%	22%	1%	0%	34%	223g

KOKUYO

Company name	KOKUYO FURNITURE Co.,Ltd.	
Product name	FLEXCEL	Final Product
PCR Name & ID	Office Furniture	PA-AK-01
Product Outline (Verified in FY2009)	Size: H1135mm Product weight: 2kg	



23kg
CO₂

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検証番号: CV-AK-002

- ▶ Emissions from packaging materials are extremely low as a cutting back of packaging material is being enforced.
- ▶ There are no GHG emissions at the stages of usage and maintenance.

N.B. Only the corner post shown in the photo is the said product.

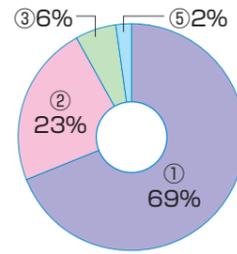
Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	94%	0.04%	2%	0%	4%	23kg

1. Food-related Products
2. Lifestyle Products
3. Clothing-related Products
4. Printing-related Products
5. Office-related Products
6. Engineering- and Construction-related Products
7. Other Industrial Products

5. Office-related Products

KOKUYO

Company name	KOKUYO FURNITURE Co.,Ltd.	
Product name	Storage system EDIA BWU-K69SAW / BWU-K69F1	Final Product
PCR Name & ID	Office Furniture	PA-AK-03
Product Outline (Verified in FY2011)	Size: W900mmxD450mmxH1185mm (excluding the base) Product weight: 36kg (excluding the base/including packaging materials)	



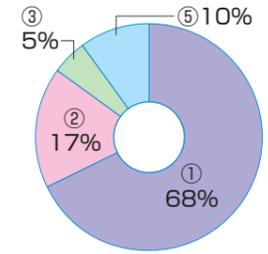
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- ▶ More than 95% of the product is made from steel.
- ▶ There are no GHG emissions at the stages of usage and maintenance.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	69%	23%	6%	0%	2%	122kg

大カムラ
株式会社 岡村製作所

Company name	Okamura Corporation	
Product name	Scholar light chair (Size No. 5)	Final Product
PCR Name & ID	Office Furniture	PA-AK-01
Product Outline (Verified in FY2009)	By reducing the weight of the No. 5 chair by 30% (in-house comparison) of conventional chairs, down to 3.2kg, the lightest class in the industry has been actualized. The hole in the chair's back is very handy when carrying the chair around. Having the back legs slanting backwards to a large degree makes it difficult for the chair to fall backwards, thus making it safer to use.	



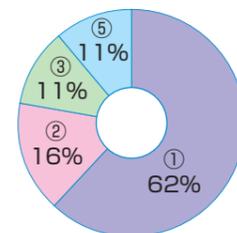
カーボンフットプリント試行事業
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検証番号：CV-AK-005

- ▶ As transport etc., at the raw material acquisition stage accounts for most of the CO₂ emissions, a review was carried out of the structure and materials used, to reduce the weight.
- ▶ Improvements were made for storage efficiency in the production process by making the frames stackable.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	68%	17%	5%	0%	10%	13.2kg

大カムラ
株式会社 岡村製作所

Company name	Okamura Corporation	
Product name	Scholar light desk (Size No. 5)	Final Product
PCR Name & ID	Office Furniture	PA-AK-01
Product Outline (Verified in FY2009)	By reducing the weight of the No. 5 desk by 20% (in-house comparison) of conventional desks down to 8.2kg, the lightest class in the industry has been actualized. Handles have been attached just under the top of the desk, making it easy for children to move the desks around. By opening a hole in the bottom of the underneath section and putting grooves on both sides of the mouth of the desk, it has become easier to clean.	



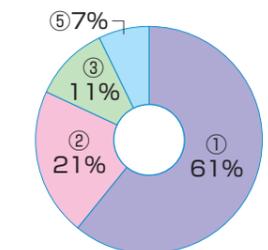
カーボンフットプリント試行事業
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検証番号：CV-AK-004

- ▶ As transport etc., at the raw material acquisition stage accounts for most of the CO₂ emissions, a review was carried out of the structure and materials used, to reduce the weight.
- ▶ Improvements were made for storage efficiency in the production process by making the shelves stackable.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	62%	16%	11%	0%	11%	23.6kg

ITOKI

Company name	ITOKI CORPORATION	
Product name	CZ desk CZN-127HA-W7W7	Final Product
PCR Name & ID	Office Furniture	PA-AK-02
Product Outline (Verified in FY2010)	Plain desk W1200mm Weight: 28.1 kg (Includes complete set of attachments and packaging)	



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- ▶ Recycled materials are used in the raw materials.
- ▶ Easy-to-disassemble design
- ▶ Iron, the major material of the desk, is recycled. Therefore, the amount of CO₂ emission on disposal/recycle process is comparatively low.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	61%	21%	11%	0%	7%	95.8kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

6. Engineering- and Construction-related Products

7. Other Industrial Products

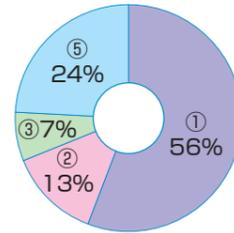
5. Office-related Products



Company name	ITOKI CORPORATION	
Product name	Epios chair	Final Product
PCR Name & ID	Office Furniture	PA-AK-02
Product Outline (Verified in FY2010)	High back chair with adjustable arm Weight: 18.9 kg (Includes complete set of attachments and packaging)	



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- ▶ 60% of total resin materials are recycled.
- ▶ The number of parts has been reduced and only three screws are used in assemblage. Therefore, it is easy to recycle.

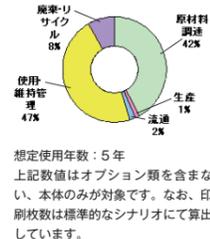
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	56%	13%	7%	0%	24%	98.5kg



Company name	RICOH COMPANY, LTD.	
Product name	Multifunction Color copier system imagio	Final Product
PCR Name & ID	Broadly-applicable PCR (Energy-using Consumer Goods)	PA-BQ-01
Product Outline (Verified in FY2011)	Equipped with copy, printer, facsimile, scanner, W-NET FAX and IP-FAX functions. Continuous printing speed (A4 horizontal): colour – 50 pages/minute; black-and-white – 50 pages/minute	



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検証番号: CV-BQ01-001



理想使用年数: 5年
上記数値はオプション類を含まない、本体のみが対象です。なお、印刷枚数は標準的なシナリオにて算出しています。

- ▶ By using Ricoh's unique IH roller fusing system and low melting point toners, compared to its predecessor (imagio MP C4500 SPF), the amount of electricity used has been reduced by approximately 40% (TEC).

N.B. This number is calculated using methods of measurements as prescribed by the International Energy Star Program.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	42%	1%	2%	47%	8%	1620kg

The photo shows the imagio MP C5001 SPF with the imagio paper feed unit PB 3100 attached.



Company name	Hitachi, Ltd.	
Product name	AX2530S-24T (Compact Gigabit Layer 2 Switches)	Final Product
PCR Name & ID	IT Equipments	PA-CI-01
Product Outline (Verified in FY2011)	A gigabit L2 ethernet switch in a compact body, aiming for even higher performance and reliability. • Maximum throughput: 28Gbit/s • Supposed number of years used: 10 • PoE functions: none • Line speed and number of ports: 1Gbit/sx28 • Management functions: SNMP function • IP filtering function: yes	

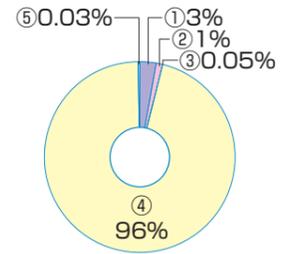


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1Gbit/s・1年あたり
[Gbit/s年]
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検証番号: CV-CI01-002

AX2530S-24Tを、従来機種AX2430S-24Tと比較すると以下の表になります。

項目	対象製品	従来機種
製品名	AX2530S-24T	AX2430S-24T
型式	AX-2530-24T-B	AX-2430-24T-B
CO ₂ 排出量	製品あたり 1.49 t-CO ₂ 1Gbit/s・1年あたり ¹⁾	製品あたり 2.49 t-CO ₂ 10.4kg-CO ₂ /Gbit/s年
主な製品仕様	最大スループット	28Gbit/s
	最大ポート数	28
	管理機能の有無 ²⁾	28個搭載
	IPフィルタリング機能の有無 ³⁾	IPフィルタリング機能あり
測定条件	使用消費電力、最大スループットは、省エネモード(2011年度規定)に基づき測定	

1) 消費電力は、2009年11月発表の標準消費電力(検証番号: CV-CI01-001)に基づき算出。
2) 管理機能の有無は、製品仕様書(AX2530S-24T)に基づき算出。
3) 省エネモード(2011年度規定)は、製品仕様書(AX2530S-24T)に基づき算出。
4) 省エネモード(2011年度規定)は、製品仕様書(AX2530S-24T)に基づき算出。
5) 省エネモード(2011年度規定)は、製品仕様書(AX2530S-24T)に基づき算出。



- Due to the development of the high performance ASIC (Application Specific Integrated Circuit), the amount of electricity used for processing capacities is reduced.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	3%	1%	0.05%	96%	0.03%	1490kg



Company name	Hitachi, Ltd.	
Product name	HITACHI Advanced Server HA8000/RS110xL	Final Product
PCR Name & ID	IT Equipments	PA-CI-01
Product Outline (Verified in FY2011)	• Composite theoretical performance: 140GTOPS • Supposed number of years used: 5 • Number of I/O slots: 2 • Number of CPU sockets: 1 • Name of CPU: Intel® Xeon® Processor E3-1280	

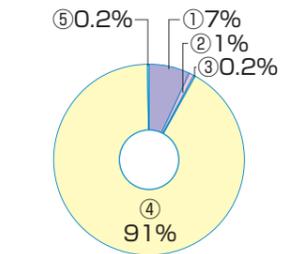


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カーボンフットプリント
1GTOPS・1年あたり
[GTOPS年]
http://www.cfp-japan.jp
検証番号: CV-CI01-004

日立7100シリーズのHA8000/RS110xLを、従来機種HA8000/RS110xLと比較すると以下の表になります。

項目	対象製品	従来機種
製品名	日立7100シリーズのHA8000/RS110xL	日立7100シリーズのHA8000/RS110xL
CO ₂ 排出量	製品あたり 1.44 t-CO ₂ 1GTOPS・1年あたり ¹⁾	製品あたり 2.52 t-CO ₂ 10.5kg-CO ₂ /GTOPS年
主な製品仕様	理論性能 ²⁾	140GTOPS
	最大スループット	2.52Gbit/s
	最大ポート数	2
	CPU	Intel® Xeon® Processor E3-1280
測定条件	使用消費電力は、省エネモード(2011年度規定)で測定	

1) 消費電力は、2009年11月発表の標準消費電力(検証番号: CV-CI01-001)に基づき算出。
2) 理論性能は、製品仕様書(日立7100シリーズのHA8000/RS110xL)に基づき算出。
3) 省エネモード(2011年度規定)は、製品仕様書(日立7100シリーズのHA8000/RS110xL)に基づき算出。
4) 省エネモード(2011年度規定)は、製品仕様書(日立7100シリーズのHA8000/RS110xL)に基づき算出。



- Use of highly-efficient power supply. By improving the conversion efficiency, the amount of power loss is reduced and by using electricity efficiently, energy consumption can be kept low.

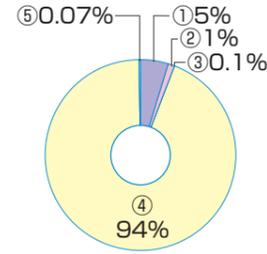
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	7%	1%	0.2%	91%	0.2%	2.06kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

5. Office-related Products

HITACHI Inspire the Next

Company name	Hitachi, Ltd.	
Product name	Hitachi Adaptable Modular Storage 2500	Final Product
PCR Name & ID	IT Equipments	PA-CI-01
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> Storage capacity: 442.6TB Supposed number of years used: 5 Applications: For others Disc speed: 7.2krpm Disc size; units: 3.5 inch, 480 units 	



自社比*
-51.8%
CO₂

従来機種 (発売時期 2006年4月) と比較
CO₂の「見える化」
カーボンフットプリント
http://www.cfp-japan.jp
検証番号: CV-CI01-008

従来機種<Hitachi Adaptable Modular Storage 1000> 検証番号CV-CI01-007 >と比較した際の、1TB・1年あたりのCO₂排出量の削減率をグラフにて記載

項目	従来機種	Hitachi Adaptable Modular Storage 2500	削減率
製品名	Hitachi Adaptable Modular Storage 1000	Hitachi Adaptable Modular Storage 2500	
型式	HT-4000-PR02CNVHT-F4000-PR02	HT-4004-PR04VHT-4004-PR04	
CO ₂ 排出量	製品あたり 1TB・1年あたり 381t-CO ₂ 150kg-CO ₂ /T・年	製品あたり 1TB・1年あたり 182t-CO ₂ 75kg-CO ₂ /T・年	51.8%
記憶容量	442.6TB	201.3TB	
想定使用年数	5年	5年	
用途	各種サーバ	各種サーバ	
ディスク回転数	7.2krpm	7.2krpm	
ディスクサイズ	3.5inch SATA-480GB	3.5inch-480GB	
認定条件	従来機種は、従来品2011年度認定である特定の測定方法(後中、機内)により測定されています。		

対象製品の特長 (従来機種とは)
1. 7.2krpmの高速回転による、定速時の消費電力の削減
2. 電力効率の高い磁気記録媒体の使用
3. 冷却効率の向上による、冷却装置の稼働率の向上

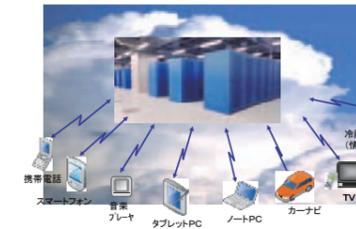
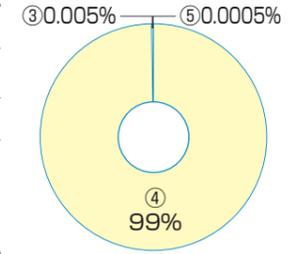
※1 1TB・1年あたりのCO₂排出量は、製品あたりCO₂排出量を想定使用年数(5年)により算出された値となります。
※2 想定使用年数は、当該製品の平均寿命を参考に算出されています。
※3 従来機種では、従来品2011年度認定である特定の測定方法(後中、機内)により測定されています。

aA highly-efficient storage medium is used.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (t-CO ₂ /product)
Percentage of CO ₂ emissions	5%	1%	0.1%	94%	0.07%	351t

UNISYS

Company name	Nihon Unisys, Ltd	
Product name	U-Cloud® IaaS	Final Product
PCR Name & ID	ICT Hosting Service of Cloud Service Provider	PA-AX-02
Product Outline (Verified in FY2010)	Server: corresponding to Intel Xeon 2GHz SingleCore + Memory 1GB (1024MB) Storage: 50GB Internal network, internet connection speed: 100Mbps best effort type shared lines + one global IP address	



3.42t
CO₂

カーボンフットプリント
発行事業
http://www.cfp-japan.jp
検証番号: CV-AX02-001

Period subject to calculation
November 1, 2010 - December 31, 2010

Server SPEC: 12.9SPECint2006Rate
Storage capacity: 50GB
Network bandwidth: 100Mbps
One year's amount of CO₂ emissions are calculated based on actual measurements taken for two months of IDC electricity consumption.

Amount of GHG emissions per server
SPEC: 18.8kg/SPEC
Amount of GHG emissions per storage
0.848kg/GB
Amount of GHG emissions per Network bandwidth: 30.8kg/Mbps

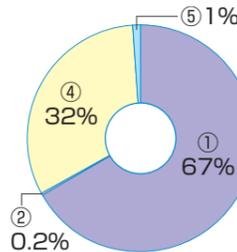
Initiative to improve energy efficiency in provision of services and maintenance

- ▶ Use of energy-saving ICT equipment
- ▶ Dynamic layout of supposed server
- ▶ High temperature setting of the facilities

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (t-CO ₂ /product)
Percentage of CO ₂ emissions	0%	0%	0.0005%	99%	0.0005%	3.42t

日立ソリューションズ

Company name	Hitachi Solutions, Ltd.	
Product name	The Interactive Whiteboard Teleconferencing System	Final Product
PCR Name & ID	Teleconference Systems using Interactive White Board	PA-BI-02
Product Outline (Verified in FY2010)	StarBoard is an electronic whiteboard that displays computer screens upon which it is possible to manipulate PCs and, and it is also possible to write in both directions on multiple boards. When combined with TV videoconferencing systems, remote meetings can be held online sharing voices, images and meeting material.	



4,750kg
CO₂

想定使用年数: 10年
カーボンフットプリント発行事業
http://www.cfp-japan.jp
検証番号: CV-BI02-001

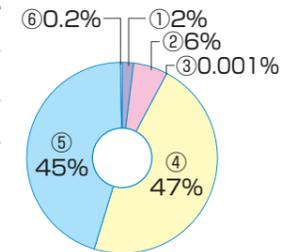
Note
The figure on the left, 4,750kg is the amount of GHG emitted during the entire life cycle of this product when meetings are carried out according to the following scenario.
Scenario for this product
Meetings are held between two locations of Hitachi Solutions, Ltd. in Tokyo and Osaka, with each meeting 1.15 hours long and held with six people 0.99 times per week (46.3 times, 53.2 hours/year). Detailed information for that system configuration is shown on the CFP system official website (http://www.cfp-japan.jp/). 0.99kg of GHG will be emitted for one hour of meeting time. This figure (0.99kg) is the amount of GHG emitted using this product and carrying out meetings for one hour with this scenario, throughout the entire life cycle.

▶ In addition to lowering the burden of the raw materials, in order to lower the usage time burden, the usability of the software was improved and thus lowered the burden overall.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	67%	0.2%	0%	32%	1%	4,750kg

UNISYS

Company name	Nihon Unisys, Ltd	
Product name	LearningCast®	Final Product
PCR Name & ID	Application Service	PA-CT-01
Product Outline (Verified in FY2011)	Provision of services for SaaS type educational platforms for corporations Basic Plan 10 user ID	



80.5kg
CO₂

CO₂の「見える化」
カーボンフットプリント
http://www.cfp-japan.jp
検証番号: CV-CT01-001

Period of data collection
November 1, 2010 - August 31, 2011
The amount of CO₂ emissions for one year was calculated based on data for a period of ten months.

Usage scenario: Using Learning Cast for 4.5 hours per day, for 49 days in one year.

Calculation unit: 10 user IDs of Learning Cast for one year.

Subject of calculation: Includes CO₂ emissions related to the manufacture, usage and disposal of computers using the application.

▶ Use of ICT hosting services as a service provision base for operators

▶ As the value is high for consumers at the usage stage, the impact of consumer efforts is major.

Process	① Acquisition (operators)	② Provision and maintenance (operators)	③ Disposal/recycle (operators)	④ Acquisition (consumers)	⑤ Use (consumers)	⑥ Disposal/recycle (consumers)	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	2%	6%	0.001%	47%	45%	0.2%	80.5kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

6.

Engineering- and Construction-related Products

PCR Name	PCR ID
● Roadbed material made from inorganic sludge	PA-AY
● Rubber Chip Products	PA-BZ
● Wood-plastic Composite	PA-CB
● Wood, Wood Materials	PA-CC
● Wood Products	PA-CD
● Insulation material for construction	PA-CK

N.B. The PCR codes shown do not include the edition numbers.

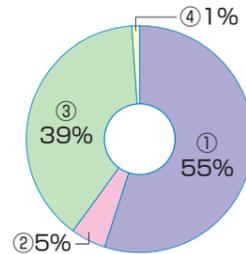
Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

6. Engineering- and Construction-related Products



Company name	Soil Management Japan, Co., Ltd.	
Product name	Ecokite	Final Product
PCR Name & ID	Roadbed material made from inorganic sludge	PA-AY-01
Product Outline (Verified in FY2009)	Calculation covers products only, and is based on a sales unit of volume = 1m ³ . Does not include roadbed material made from raw materials other than inorganic sludge (e.g. debris, slag, glass or ceramic chips).	



177kg
CO₂

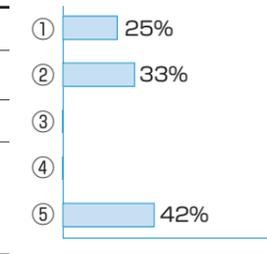
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号: CV-AY-001

- ▶ This is a recycled product using industrial waste (inorganic sludge) as raw material.
- ▶ We seek to make effective use of resources by conducting the recycling of materials that are difficult to process.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	55%	5%	39%	1%	0%	177kg



Company name	ECOWOOD Co.Ltd	
Product name	ECO-M Wood E05	Intermediate Goods
PCR Name & ID	Wood-plastic Composite	PA-CB-01
Product Outline (Verified in FY2011)	Specifications: Interior slits, ribbed on one side Size: 3mm×14.5mm Materials: Wood, recycled plastic composites	



CO₂ per kg: 3.86kg
(At the raw material acquisition, production, disposal and recycling stages)

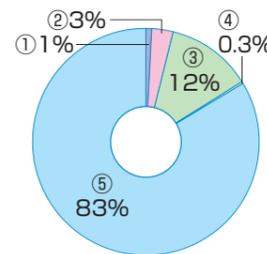
CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-CB01-001

- ▶ Recycled materials (waste wood and waste plastic chips) are used as raw materials.
- NB: Recycled materials content is 90% or more.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /1kg of product)
Percentage of CO ₂ emissions	25%	33%	—	—	42%	3.86kg



Company name	KUROGANE INDUSTRY Co., Ltd.	
Product name	Rubber Chip Products KSR (with kraft paper sack) (20kg)	Final Product
PCR Name & ID	Rubber Chip Products	PA-BZ-01
Product Outline (Verified in FY2011)	Size: φ1mm to 2mm Total weight: 20.2kg (net weight is 20kg, weight of container is 0.21kg) Packaging type: In paper bags	



4.47g
CO₂

CO₂の「見える化」
カーボンフットプリント
内容量 1kg あたり
<http://www.cfp-japan.jp>
検証番号: CV-BZ01-002

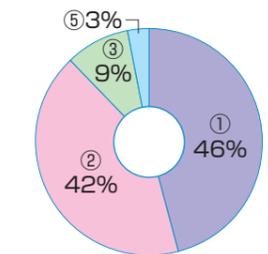
Net weight of this product is 20kg.

- ▶ Recycled materials are used in its raw materials.
- ▶ This product emits very little CO₂ during the use and maintenance stages.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	1%	3%	12%	0.3%	83%	89.3kg



Company name	Hokushin Co.,Ltd	
Product name	Starwood TFB	Final Product
PCR Name & ID	Wood, Wood Materials	PA-CC-01
Product Outline (Verified in FY2011)	A medium density fiberboard (MDF) that meets JIS A 5905 (fiberboard) density standards of 0.35g/cm ³ or more with a thickness of 2.5 - 15mm, piled and wrapped in units of around 2m ² .	



1110kg
CO₂

CO₂の「見える化」
カーボンフットプリント
1m² あたり
<http://www.cfp-japan.jp>
検証番号: CV-CC01-008

- ▶ The raw materials for MDF are the leftover materials generated by chipboard and lumber factories, wood from demolished buildings, used packaging materials, unused low quality paper chips, small-diameter trees from forest thinning etc.
- ▶ MDF is produced by turning these materials into chips, processing them into a fine fibrous state and then molding and applying thermocompression.
- ▶ The material makes effective use of wood materials and is designated as a specific procurement item under the Green Purchasing Law.

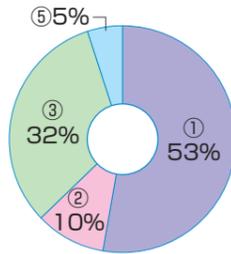
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /m ² of product)
Percentage of CO ₂ emissions	46%	42%	9%	0%	3%	1110kg

1. Food-related Products
2. Lifestyle Products
3. Clothing-related Products
4. Printing-related Products
5. Office-related Products
6. Engineering- and Construction-related Products
7. Other Industrial Products

6. Engineering- and Construction-related Products



Company name	Marutama Industries, CO., LTD	
Product name	marutama needle-leaved tree structural plywood (thickness 12mm 4PLY)	Final Product
PCR Name & ID	Wood, Wood Materials	PA-CC-02
Product Outline (Verified in FY2011)	Chipboard for manufacturing using mainly Japanese Larch and Sakhalin Fir trees grown in Hokkaido Size: Thickness 12mm, 4-layer width approx. 90cm - 120cm, length approx. 180cm - 300cm	



209kg
CO₂

CO₂の「見える化」
カーボンフットプリント
製品 1m² あたり
<http://www.cfp-japan.jp>
検証番号: CV-CC02-003

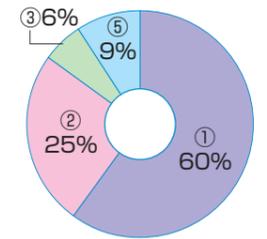
Amount of CO₂ stored in the wood materials used in this product:

Japanese Larch 847kg-CO₂/m³
Sakhalin Fir 671kg-CO₂/m³

▶ The factory runs on natural energy provided by wood biomass.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	53%	10%	32%	0%	5%	209kg

Company name	HAYASHI PLYWOOD INDUSTRIAL CO., LTD.	
Product name	Plywood made of Kyoto Cedar 12x910x1820mm	Final Product
PCR Name & ID	Wood, Wood Materials	PA-CC-01
Product Outline (Verified in FY2011)	100% grown in Kyoto cedars are used 12x910x1820mm (0.0199m ³)	



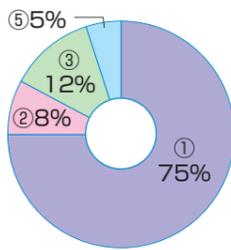
5.78kg
CO₂

CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-CC01-005

▶ The product appeals to consumers with a sophisticated interest in environmental issues.
▶ We reduce CO₂ emissions from transport by using locally sourced materials.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	60%	25%	6%	0%	9%	5.78kg

Company name	Tsuji Lumber co.,LTD.	
Product name	Laminated lumber (HINATA) 105x105 3M	Final Product
PCR Name & ID	Wood, Wood Materials	PA-CC-01
Product Outline (Verified in FY2011)	Laminated lumber (stand columns) made from 100% Kyoto cedar trees Size: L105mmxW105mmxH3m JAS certified product	



12.1kg
CO₂

CO₂の「見える化」
カーボンフットプリント
該当製品 1本あたり
<http://www.cfp-japan.jp>
検証番号: CV-CC01-001

The wood stores atmospheric CO₂ as carbon.

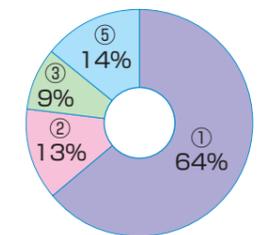
Amount of carbon stored per product: 5.46kg
This converts to 20.0kg-CO₂.

▶ Cedars grown in Kyoto Prefecture are used as the raw materials.
▶ Since wood products store atmospheric CO₂ until they are disposed of, using them for a long time contributes to preventing global warming.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	75%	8%	12%	0%	5%	12.1kg



Company name	Yamato Craft Co.,Ltd	
Product name	W CUBE dust box YK06-012	Final Product
PCR Name & ID	Wood Products	PA-CD-01
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> Product name: Garbage Box Size: W200mmxD200mmxH33cm Coating: Urethane resin paint Product weight: 1.29kg Materials: MDF (box), plywood (lid) 	



4.14kg
CO₂

CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号: CV-CD01-001

▶ As the product is wooden, the wood chips at the manufacturing stage and the incineration of the product during disposal stage are carbon neutral.
▶ The product is handmade by craftsmen, reducing the environmental burden at the production stage.
▶ The materials all use four-star standard formaldehyde.
The coating does not contain toluene or xylene.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	64%	13%	9%	0%	14%	4.14kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

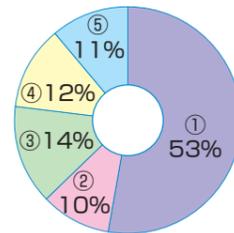
6. Engineering- and Construction-related Products

7. Other Industrial Products

6. Engineering- and Construction-related Products



Company name	Decos Co., Ltd.	
Product name	Decos Fiber (Insulation material for construction)	Final Product
PCR Name & ID	Insulation material for construction	PA-CK-01
Product Outline (Verified in FY2011)	15 kg of product weight, tare weight 0.114 kg	



CO₂の「見える化」
カーボンフットプリント
<http://www.cfp-japan.jp>
検証番号：CV-CK01-001

- ▶ The recycled newspaper is used for the main materials.
- ▶ We collaborate to a local NPO organization by recovery of a newspaper as part of a local contribution, and are utilizing resources.
- ▶ Only electricity is used in a stage of production. Heat and water are not used at all.
- ▶ All the wastes that come out from a factory are recycled.
- ▶ Transportation uses a modal shift.
- ▶ In order to perform construction by blowing, there is no heat insulation deficit.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	53%	10%	14%	12%	11%	11.9kg

Other Industrial Products

- | PCR Name | PCR ID |
|--|--------------|
| ●Reuse battery (industrial lead battery) | PA-BK |
| ●Pallet for Cargo and Transportation | PA-BG |

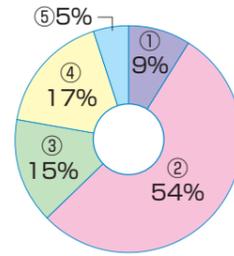
N.B. The PCR codes shown do not include the edition numbers.

Note

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- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO₂ emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO₂ is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

7. Other Industrial Products

Company name	Shinwa Engineering Co., Ltd.	
Product name	Reuse battery: eco battery MSE-100-6	Final Product
PCR Name & ID	Reuse battery (industrial lead battery)	PA-BK-02
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> Per battery Includes CO₂ emissions from implementing maintenance twice during the one year maintenance application period. The maintenance application period is not a guarantee of product longevity. 	



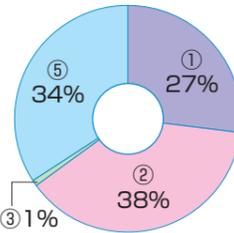
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BK02-001

▶ We reduce the environmental burden and cut costs by reusing or restoring the capacity of batteries.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	9%	54%	15%	17%	5%	24.6kg

エム・エム・プラスチック 株式会社

Company name	MM Plastic Co., Ltd.	
Product name	MMP Pallet D4-1111 (automated warehouse)	Final Product
PCR Name & ID	Pallet for Cargo and Transportation	PA-BG-01
Product Outline (Verified in FY2009)	Materials Surface layer: Recycled polypropylene, core layer Recycled plastic packaging material Product weight: 26.2kg Size: 110cm×110cm×14.4cm Two-way stringer pallet	



カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
 検証番号: CV-BG-001

We have achieved a 29.4kg CO₂ reduction compared to our company's conventional virgin resin pallet (verification number CV-BG-005). (Based on in-house comparison.)

▶ The MMP pallet is produced using our unique sandwich molding technique. By employing recycled packaging materials in the core of the pallet and virgin resin on the surface a degree of strength equivalent to that of ordinary pallets can be maintained, resources are effectively utilized and both lower CO₂ emissions and costs have been achieved.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO ₂ /product)
Percentage of CO ₂ emissions	27%	38%	1%	0%	34%	96.6kg

List of products authorized to use the CFP label

PCR Name: Nonglutinous Rice (Japonica)

Verification ID	Product Name	Company Name	PCR ID
CV-AA-001	TOPVALU GREEN EYE specially-cultivated rice: Akitakomachi	Aeon Co., Ltd.	PA-AA-01
CV-AA-002	TOPVALU GREEN EYE specially-cultivated rice: Akitakomachi (home-delivery gift package)	Aeon Co., Ltd.	PA-AA-01
CV-AA-003	Akitakomachi rice	Aeon Co., Ltd.	PA-AA-01
CV-AA-004	Akitakomachi rice (home-delivery gift package)	Aeon Co., Ltd.	PA-AA-01
CV-AA-005	Koshihikari rice from Shiga prefecture	Ritsumeikan University, Aeon Co., Ltd.	PA-AA-01
CV-AA02-001	Hanafuji Rice (JA Lake Otsu)	JA Lake Otsu	PA-AA-02
CV-AA02-002	Kankyo Kodawari Rice (JA Lake Otsu)	JA Lake Otsu	PA-AA-02
CV-AA02-003	Megumino-Hitomebore rice2kg (Miyagi COOP)	Miyagi COOP, Pearl Rice Miyagi	PA-AA-02
CV-AA02-004	Megumino-Hitomebore rice5kg (Miyagi COOP)	Miyagi COOP, Pearl Rice Miyagi	PA-AA-02
CV-AA02-005	Megumino-Hitomebore rice10kg (Miyagi COOP)	Miyagi COOP, Pearl Rice Miyagi	PA-AA-02
CV-AA02-006	TOPVALU Green Eye specially-cultivated rice: Koshihikari	JA Kitabiwako, Ritsumeikan University, AEON TOPVALU Co.,Ltd Shinmei Co., Ltd., Yamato Sangyo Co., Ltd.	PA-AA-02
CV-AA02-007	Miyagi No Hitomebore (Miyagi Rice) 5kg	Miyagi Rice Co., Ltd.	PA-AA-02
CV-AA02-008	Miyagi No Hitomebore (Miyagi Rice) 10kg	Miyagi Rice Co., Ltd.	PA-AA-02
CV-AA02-009	Miyagi Kennsan Hitomebore (Takara Rice) 5kg	Takara Rice Co., Ltd.	PA-AA-02
CV-AA02-010	Miyagi Kennsan Hitomebore (Takara Rice) 10kg	Takara Rice Co., Ltd.	PA-AA-02

PCR Name: Rapeseed oil

Verification ID	Product Name	Company Name	PCR ID
CV-AB-001	TOPVALU Canola Oil	Aeon Co., Ltd.	PA-AB-01
CV-AB-002	TOPVALU Canola Oil (gift set)	Aeon Co., Ltd.	PA-AB-01

PCR Name: Powder Detergent

Verification ID	Product Name	Company Name	PCR ID
CV-AC-001	TOPVALU Super Clean White	Aeon Co., Ltd.	PA-AC-01
CV-AC-002	TOPVALU Super Clean White (gift set)	Aeon Co., Ltd.	PA-AC-01
CV-AC-003	Co-op Sefter E, without a spoon	Japanese Consumers' Co-operative Union	PA-AC-01
CV-AC02-001	Co-op Sefter with whitener, without a spoon, 1.0kg	Japanese Consumers' Co-operative Union	PA-AC-02
CV-AC02-002	Co-op Sefter with whitener, simple package, 1.0kg (in a bag)	Japanese Consumers' Co-operative Union	PA-AC-02
CV-AC02-003	Co-op Sefter with whitener, simple package, 1.0 kg × 4 packages/set (half case)	Japanese Consumers' Co-operative Union	PA-AC-02
CV-AC02-004	Co-op Sefter E, simple package, 1.0kg (in a bag)	Japanese Consumers' Co-operative Union	PA-AC-02
CV-AC02-005	Co-op Sefter E, simple package, 1.0 kg × 4 packages/set (half case)	Japanese Consumers' Co-operative Union	PA-AC-02
CV-AC02-006	Co-op Sefter E, without a spoon, 1.0kg	Japanese Consumers' Co-operative Union	PA-AC-02

PCR Name: Publishing & Commercial printing (work in process)

Verification ID	Product Name	Company Name	PCR ID
CV-AD02-001	Eco Products 2010, flyer (B3 size, two fold)(intermediate goods)	Shinnihon Printing Inc.	PA-AD-02
CV-AD02-002	Eco Products 2010 Guide to Eco Products (tabloid format)(intermediate goods)	Shinnihon Printing Inc.	PA-AD-02
CV-AD02-003	Special issue of Kankyo Business (Environmental Business) featuring Eco-Products 2010 (intermediate goods)	Kawase Insatsu Co., Ltd.	PA-AD-02
CV-AD02-004	Carbon Footprint Japan Forum pamphlet (intermediate goods)	SUN-A Printing Co.,Ltd.	PA-AD-02
CV-AD02-005	Waterless printing suggestions pamphlet (intermediate goods)	Kyueisha Corp.	PA-AD-02
CV-AD02-006	Paper Containers and Packaging (intermediate goods) Product Category Rules (PCR), Plastic Containers and Packaging (intermediate goods) Product Category Rules (PCR), GHG Emissions Calculation Guidelines for Businesses (intermediate goods)	Kyueisha Corp.	PA-AD-02
CV-AD02-007	PR publication GREENSTYLE VOL. 22 (intermediate goods)	Shinnihon Printing Inc.	PA-AD-02
CV-AD02-008	Dainippon Screen Mfg. Product Catalog (A4 - various types) (intermediate goods)	Shashin Kagaku Co., Ltd.	PA-AD-02
CV-AD02-009	Dainippon Screen Mfg. Product Catalog (A3 two fold - various types) (intermediate goods)	Shashin Kagaku Co., Ltd.	PA-AD-02
CV-AD02-010	Brochure (two-fold) A4, 6C/4C, 5,000 copies	Sun Messe Co.,Ltd	PA-AD-02

PCR Name: Candy (soy sauce taste)

Verification ID	Product Name	Company Name	PCR ID
CV-AE-001	Kanro-ame Candy	Kanro Co., Ltd.	PA-AE-01

PCR Name: PS Plate for Lithographic Printing

Verification ID	Product Name	Company Name	PCR ID
CV-AF-001	Digital Thermal Plate	FUJIFILM Corporation	PA-AF-01
CV-AF-002	Digital Thermal Plate (with development process)	FUJIFILM Corporation	PA-AF-02
CV-AF-003	Digital Thermal Plate (with development process (standard processing conditions))	FUJIFILM Corporation	PA-AF-02
CV-AF-004	Digital Thermal Plate (with development process [low replenishment process condition])	FUJIFILM Corporation	PA-AF-02
CV-AF04-001	Produce group: Digital Thermal Plate (for newspaper [standard process condition])	FUJIFILM Corporation	PA-AF-04

PCR Name: Potato chips (The products made with domestic potatoes direct from contracted farmers)

Verification ID	Product Name	Company Name	PCR ID
CV-AG-001	Potato Chips, mild salt flavor	Calbee, Inc.	PA-AG-01
CV-AG-002	Potato Chips, Consomme flavor	Calbee, Inc.	PA-AG-01

PCR Name: Cooked and Sealed Rice

Verification ID	Product Name	Company Name	PCR ID
CV-AH-001	TOPVALU Rice 200g	Aeon Co., Ltd.	PA-AH-01
CV-AH-002	TOPVALU Rice 200g × 3	Aeon Co., Ltd.	PA-AH-01
CV-AH-003	TOPVALU Rice 200g × 5	Aeon Co., Ltd.	PA-AH-01

PCR Name: Hams and Sausages

Verification ID	Product Name	Company Name	PCR ID
CV-AI-001	High Quality Mori-no-Kaori Arabiki Wiener sausages 92g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-002	High Quality Mori-no-Kaori Arabiki Wiener sausages (Net weight 92g × 2 packs)	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-003	High Quality Mori-no-Kaori Loin Ham 39g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-004	High Quality Mori-no-Kaori Loin Ham (Net weight 39g × 3 packs)	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-005	High Quality Mori-no-Kaori Loin Ham 52g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-006	High Quality Mori-no-Kaori Arabiki Wiener sausages 111g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-007	High Quality Mori-no-Kaori Arabiki Wiener sausages (Net weight 111g × 2 packs)	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-008	High Quality Mori-no-Kaori Ham 52g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-009	High Quality Mori-no-Kaori Ham 63g	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI-010	High Quality Mori-no-Kaori Loin Ham 63g	Nippon Meat Packers, Inc.	PA-AI-01

CV-AI-011	High Quality Mori-no-Kaori Loin Ham 49g (3ZB)	Nippon Meat Packers, Inc.	PA-AI-01
CV-AI03-001	High Quality Mori-no-Kaori Loin Ham	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-002	High Quality Mori-no-Kaori Loin Ham 39g	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-003	High Quality Mori-no-Kaori Loin Ham (Net weight 39g x 3 packs)	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-004	High Quality Mori-no-Kaori Loin Ham 60g	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-005	High Quality Mori-no-Kaori Ham 53g	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-006	High Quality Mori-no-Kaori Arabiki Wiener sausages 92g	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-007	High Quality Mori-no-Kaori Arabiki Wiener sausages (Net weight 92g x 2 packs)	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-008	High Quality Mori-no-Kaori Arabiki Wiener sausages 184g	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-012	TOPVALU Raw Ham 100g	Aeon Co., Ltd.	PA-AI-03
CV-AI03-013	Mori-no-Kaori Shin Arabiki Wiener sausages	Nippon Meat Packers, Inc.	PA-AI-03
CV-AI03-015	CO-OP Loin Ham, 90g	Japanese Consumers' Co-operative Union	PA-AI-03
CV-AI03-016	CO-OP Loin Ham, 90g x 2 packs	Japanese Consumers' Co-operative Union	PA-AI-03
CV-AI03-017	CO-OP Loin Ham, Single use pack, 40g x 3 packs	Japanese Consumers' Co-operative Union	PA-AI-03
CV-AI04-001	Bacon("Mori-no-Kaori" Half bacon)	Nippon Meat Packers, Inc.	PA-AI-04
CV-AI04-002	Bacon("Mori-no-Kaori" Half bacon), 3packs	Nippon Meat Packers, Inc.	PA-AI-04

●PCR Name: Rice Biscuit(thin crackers roasted and with salad oil)

Verification ID	Product Name	Company Name	PCR ID
CV-AJ-001	Salad Thin Cracker	Kameda Seika Co., Ltd.	PA-AJ-01

●PCR Name: Office Furniture

Verification ID	Product Name	Company Name	PCR ID
CV-AK-001	FLEXCEL	KOKUYO FURNITURE Co.,Ltd.	PA-AK-01
CV-AK-002	FLEXCEL	KOKUYO FURNITURE Co.,Ltd.	PA-AK-01
CV-AK-003	Storage system EDIA	KOKUYO FURNITURE Co.,Ltd.	PA-AK-01
CV-AK-004	Scholar light desk	Okamura Corporation	PA-AK-01
CV-AK-005	Scholar light chair	Okamura Corporation	PA-AK-01
CV-AK02-001	CZ desk CZN-127HA-W7W7	ITOKI CORPORATION	PA-AK-02
CV-AK02-002	CZ desk CZN-127HA-W9W9	ITOKI CORPORATION	PA-AK-02
CV-AK02-003	Eplos chair	ITOKI CORPORATION	PA-AK-02
CV-AK03-001	Storage system EDIA BWU-K29SAW/BWU-K29F1, BWU-K69SAW/BWU-K69F1, BWU-K89SAW/BWU-K89F1	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03
CV-AK03-002	Storage system EDIA BWU-K45SAW/BWU-K45F1, BWU-K75SAW/BWU-K75F1, BWU-K85SAW/BWU-K85F1	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03
CV-AK03-003	Storage system EDIA BWU-SD45SAWN/BWU-SD45F1N, BWU-SD69SAWN/BWU-SD69F1N, BWU-SD89SAWN/BWU-SD89F1N	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03
CV-AK03-004	Storage system EDIA BWU-L2A39SAWN/BWU-L2A39F1NN, BWU-L3A69SAWN/BWU-L3A69F1NN, BWU-L6A69SAWN/BWU-L6A69F1NN	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03
CV-AK03-005	Storage system EDIA BWU-H229SAWN/BWU-H229F1N, BWU-H249SAWN/BWU-H249F1N, BWU-H269SAWN/BWU-H269F1N	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03
CV-AK03-006	Storage system EDIA BWU-HD349SAW/BWU-HD349F1, BWU-HD359SAW/BWU-HD359F1, BWU-HD369SAW/BWU-HD369F1	KOKUYO FURNITURE Co.,Ltd.	PA-AK-03

●PCR Name: Instant Coffee

Verification ID	Product Name	Company Name	PCR ID
CV-AM-001	Nescafé Excella Cup Coffee (5 cups)	Nestlé Japan Ltd.	PA-AM-01
CV-AM02-001	TOPVALU Spray Dry Instant Coffee 200g	AEON TOPVALU Co.,Ltd	PA-AM-02

●PCR Name: Organic Liquid Fertilizer

Verification ID	Product Name	Company Name	PCR ID
CV-AN-001	Sodatsundesu!! Sukusuku (500 ml PET bottle)	Earth Support Corporation	PA-AN-01
CV-AN-002	Sodatsundesu!! Sukusuku (20L poly tank)	Earth Support Corporation	PA-AN-01
CV-AN-003	Sodatsundesu!! Sukusuku (sold per cubic meter)	Earth Support Corporation	PA-AN-01

●PCR Name: Uniform

Verification ID	Product Name	Company Name	PCR ID
CV-AO-001	Ladies' office wear – jacket	CHIKUMA&CO.,LTD	PA-AO-02
CV-AO-002	Ladies' office wear – vest	CHIKUMA&CO.,LTD	PA-AO-02
CV-AO-003	Ladies' office wear – skirt	CHIKUMA&CO.,LTD	PA-AO-02
CV-AO-004	Ladies' office wear – long pants	CHIKUMA&CO.,LTD	PA-AO-02
CV-AO-005	school uniform*training shirts AN-351	ASICS Corporation	PA-AO-02
CV-AO-006	school uniform*training pants AN-451	ASICS Corporation	PA-AO-02
CV-AO03-001	Ladies' office wear - jacket	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-002	Ladies' office wear – skirt	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-003	Ladies' office wear – vest	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-004	Ladies' office wear – long pants	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-005	Men's work clothes – Blouson-style jacket	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-006	Men's work clothes - trousers	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-007	Ladies' office wear long-sleeved blouse AR1447	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-008	Ladies' short-sleeved blouse AR1647	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-009	Ladies' office wear – skirt AR3818	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-010	Ladies' office wear – two-button jacket AR4818	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-011	Men's jacket TE2040	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-012	Ladies' office wear – skirt TE3042	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-013	Ladies' jacket TE4040	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-014	Men's slacks TE5042	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-015	Men's jacket TE2140	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-016	Men's slacks TE5040	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-017	Men's slacks TE5041	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-018	Ladies' jacket TE4140	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-019	Ladies' vest TE8040	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-020	Ladies' skirt TE3040	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-021	Ladies' skirt TE3041	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-022	Men's jacket TE2013	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-023	Men's vest TE9013	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-024	Men's slacks TE5813	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-025	Ladies' jacket TE4013	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-026	Ladies' vest TE8013	CHIKUMA&CO.,LTD	PA-AO-03

CV-AO03-027	Ladies' long pants TE3973	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-028	Men's jacket U6205	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-029	Men's slacks U6400	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-030	Men's jacket U6805	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-031	Men's slacks U6800	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-032	Uniform (White uniform for nurses – jacket)	Onward Trading Co., Ltd.	PA-AO-03
CV-AO03-033	Uniform (White uniform for nurses – dress)	Onward Trading Co., Ltd.	PA-AO-03
CV-AO03-034	Uniform (White uniform for nurses – long pants)	Onward Trading Co., Ltd.	PA-AO-03
CV-AO03-035	Ladies' office wear jacket AR4817	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-036	Ladies' office wear vest AR2817	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-037	Ladies' office wear – Mermaid skirtAR3817	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-038	Ladies' office wear – Light jacketAR1617	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-039	Ladies' office wear – vest AR2818	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-040	Ladies' office wear – long pants AR5818	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-041	Ladies' office wear – One-button jacketAR4434-1	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-042	Ladies' office wear – Peplum vestAR2433-1	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-043	Ladies' office wear – eight-piece skirtAR3433-1	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-044	Ladies' office wear tight skirt AR3434-1	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-045	Ladies' office wear pants AR5433-1	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-046	Ladies' long-sleeved blouse AR1440	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-047	Ladies' short-sleeved blouse AR1640	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-048	Ladies' 3/4-sleeved blouse AR1547	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-049	Men's vest U9805	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-050	Men's slacks U6200	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-051	Ladies' office wear Jacket S-24190	Selery Co.,Ltd.	PA-AO-03
CV-AO03-052	Ladies' office wear Skirt S-15380	Selery Co.,Ltd.	PA-AO-03
CV-AO03-053	Ladies' office wear Vest S-03250	Selery Co.,Ltd.	PA-AO-03
CV-AO03-054	CS Apron for specific companies	CHIKUMA&CO.,LTD	PA-AO-03
CV-AO03-055	Apron for specific companies	CHIKUMA&CO.,LTD	PA-AO-03

●PCR Name: Tableware

Verification ID	Product Name	Company Name	PCR ID
CV-AQ-001	Polypropylene tray	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ-002	E-Epochal	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ-003	E-Epochal	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ-004	Rice bowl (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ-005	Rice bowl (Alumina ceramic tableware containing recycled material)	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ-006	Rice bowl (Alumina ceramic tableware with underglaze decorating)	SANSHIN KAKO CO.,LTD.	PA-AQ-01
CV-AQ02-001	Rice bowl; YBH-706 (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-002	Rice bowl; YBH-706 (Alumina ceramic tableware with underglaze decoration)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-003	Rice bowl; YBH-733 (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-004	Rice bowl; YBH-733 (Alumina ceramic tableware with underglaze decoration)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-005	Power Cera High SelectionYSH-364 (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-006	Power Cera High Selection, YSH-364 (Alumina ceramic tableware with underglaze decoration)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-007	Power Cera High SelectionYSH-7015 (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-008	Power Cera High SelectionYSH-7015 (Alumina ceramic tableware with underglaze decorating)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-009	Tableware (manufactured from melamine resin)MB-2130	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-010	Kids' Mate © recycled PET tray RPTA-3527	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-011	Kids' Mate © recycled high-strength porcelain tableware (13.2cm colander)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-012	NP55 34cm polypropylene plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-013	J13 13cm bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-014	A 18Noodle bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-015	J10 15cm bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-016	J11 14cm bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-017	J12 12cm bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-018	J18 17cm deep plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-019	J28 19cm deep plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-020	J17 18 cm flat plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-021	J19 11cm deep plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-022	J21Divided plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-023	J23Square divided plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-024	J27 16cm flat plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-025	J29 12cm shallow small bowl	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-026	J39 14.5cm deep plate	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-027	Rice bowl; YBH-771 (Alumina ceramic tableware containing recycled material more than 15%)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-028	Rice bowl; YBH-771 (In-glaze)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-029	Rice bowl; YBH-771 (Alumina ceramic tableware with underglaze decorating)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-030	Kids' Mate © recycled PET tray RPT-3324	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-031	Kids' Mate © recycled PET tray RPT-3333	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-032	Kids' Mate © recycled PET tray RPT-3627	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-033	Kids' Mate © recycled PET tray RPT-3829	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-034	Kids' Mate © recycled PET tray RPT-4130	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-035	Kids' Mate © recycled high-strength porcelain tableware (13.4cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-036	Kids' Mate © recycled high-strength porcelain tableware (9cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-037	Kids' Mate © recycled high-strength porcelain tableware (13.2cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-038	Kids' Mate © recycled high-strength porcelain tableware (16cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-039	Kids' Mate © recycled high-strength porcelain tableware (18cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-040	Kids' Mate © recycled high-strength porcelain tableware (16cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-041	Kids' Mate © recycled high-strength porcelain tableware (18cm deep plate)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-042	Kids' Mate © recycled high-strength porcelain tableware (13.5cm colander)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-043	Kids' Mate © recycled high-strength porcelain tableware (14.2cm colander)	Asahi-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-044	Rice bowl; YBH-771(Alumina ceramic tableware containing recycled material more than 15%)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-045	Rice bowl; YBH-771(Alumina ceramic tableware with underglaze decorating)	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-046	Ecolier Bowl (134x56)	Kantoh Plastic Industry Co., Ltd.	PA-AQ-02
CV-AQ02-047	14cm Bowl; JP11	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-048	20cm Plate for curry; JP30	Kokusai-Kako Co., Ltd.	PA-AQ-02
CV-AQ02-049	E-Epochal	SANSHIN KAKO CO.,LTD.	PA-AQ-02
CV-AQ02-050	Rice bowl; MB-2128 (Melamine tableware)	SANSHIN KAKO CO.,LTD.	PA-AQ-02

●PCR Name: File/Binder

Verification ID	Product Name	Company Name	PCR ID
CV-AR-001	Covers for Tube File (ECOTWIN-R)(for Fu-RH630B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-002	Covers for Tube File (ECOTWIN-R)(for Fu-RH630C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-003	Covers for Tube File (ECOTWIN-R)(for Fu-RT640B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-004	Covers for Tube File (ECOTWIN-R)(for Fu-RH640C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-005	Covers for Tube File (ECOTWIN-R)(for Fu-RH650B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-006	Covers for Tube File (ECOTWIN-R)(for Fu-RH650C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-007	Covers for Tube File (ECOTWIN-R)(for Fu-RH660B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-008	Covers for Tube File (ECOTWIN-R)(for Fu-RH660C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-009	Covers for Tube File (ECOTWIN-R)(for Fu-RH670B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-010	Covers for Tube File (ECOTWIN-R)(for Fu-RH670C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-011	Covers for Tube File (ECOTWIN-R)(for Fu-RH680B)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-012	Covers for Tube File (ECOTWIN-R)(for Fu-RH680C)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-013	Tube File (ECOTWIN-R) (A4 vertical, file thickness 30mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-014	Tube File (ECOTWIN-R) (A4 vertical, file thickness 30mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-015	Tube File (ECOTWIN-R) (A4 vertical, file thickness 40mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-016	Tube File (ECOTWIN-R) (A4 vertical, file thickness 40mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-017	Tube File (ECOTWIN-R) (A4 vertical, file thickness 50mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-018	Tube File (ECOTWIN-R) (A4 vertical, file thickness 50mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-019	Tube File (ECOTWIN-R) (A4 vertical, file thickness 60mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-020	Tube File (ECOTWIN-R) (A4 vertical, file thickness 60mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-021	Tube File (ECOTWIN-R) (A4 vertical, file thickness 70mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-022	Tube File (ECOTWIN-R) (A4 vertical, file thickness 70mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-023	Tube File (ECOTWIN-R) (A4 vertical, file thickness 80mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-024	Tube File (ECOTWIN-R) (A4 vertical, file thickness 80mm, 2 holes, color - silver)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-025	Tube File (ECOTWIN-R) (using wood from forest-thinning) (A4 vertical, file thickness 100mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-026	Tube File (ECOTWIN-R) (using wood from forest-thinning) (A4 vertical, file thickness 30mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-027	Tube File (ECOTWIN-R) (using wood from forest-thinning) (A4 vertical, file thickness 50mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-028	Tube File (ECOTWIN-R) (using wood from forest-thinning) (A4 vertical, file thickness 60mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR-029	Tube File (ECOTWIN-R) (using wood from forest-thinning) (A4 vertical, file thickness 80mm, 2 holes, color - blue)	Kokuyo S&T Co., Ltd.	PA-AR-01
CV-AR02-001	Eco Products for 2010, clear file holder manufactured from polypropylene (PP)	SHIMIZU PRINTING INC.	PA-AR-02

●PCR Name: Writing Instruments

Verification ID	Product Name	Company Name	PCR ID
CV-AS-001	Permanent Marker "Kawakimapen"	Shachihata Inc	PA-AS-01
CV-AS02-001	Permanent Marker "Kawakimapen"	Shachihata Inc	PA-AS-02
CV-AS02-002	Permanent Marker K-70/K-90	Shachihata Inc	PA-AS-02

●PCR Name: Lamps for General Lighting

Verification ID	Product Name	Company Name	PCR ID
CV-AT02-001	TOPVALU Kyokan Sengen: LED light bulbs (neutral white)	Aeon Co., Ltd.	PA-AT-02
CV-AT02-002	TOPVALU Kyokan Sengen: LED light bulbs, neutral white	Aeon Co., Ltd.	PA-AT-02

●PCR Name: Flowers

Verification ID	Product Name	Company Name	PCR ID
CV-AW-001	Marchenrose Roses	Marchenrose co., Ltd. (MPS Japan Co., Ltd)	PA-AW-01
CV-AW02-001	Syo Hana-en Roses	Syo Hana-en	PA-AW-02
CV-AW02-002	Abiko Engei Roses	Abiko Engei	PA-AW-02
CV-AW02-003	Kaji Noen Roses	Kaji Noen	PA-AW-02
CV-AW02-004	Hana Plan Roses	Plan	PA-AW-02
CV-AW02-005	Stalice, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-006	Gypsophila, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-007	Carnations, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-008	Sweet Peas, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-009	Spray chrysanthemums, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-010	Snapdragons, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-011	Stocks, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-012	Asters, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-013	Delphiniums, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-014	Scabious, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-015	Sunflowers, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-016	Senecios, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-017	Chocolate Cosmos, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02
CV-AW02-018	Dahlias, a flower from the JA Minabeinami MPS Growers' Association	JA Minabeinami	PA-AW-02

●PCR Name: ICT Hosting Service of Cloud Service Provider

Verification ID	Product Name	Company Name	PCR ID
CV-AX-001	U-Cloud@ laaS	Nihon Unisys, Ltd.	PA-AX-01
CV-AX02-001	U-Cloud@ laaS	Nihon Unisys, Ltd.	PA-AX-02

●PCR Name: Roadbed material made from inorganic sludge

Verification ID	Product Name	Company Name	PCR ID
CV-AY-001	Ecokite	Soil Management Japan, Co., Ltd.	PA-AY-01

●PCR Name: Paper Products for stationery (3rd edition)

Verification ID	Product Name	Company Name	PCR ID
CV-AZ03-001	ecospiral notebook (B5size)	Maruman Corporation	PA-AZ-03
CV-AZ03-002	Pocket Envelopes with Window Envelopes, 120×235 mm, 1000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-003	Pocket Envelopes with Window Envelopes, 120×235 mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-004	Pocket Envelopes with Window Envelopes, 120×235 mm, 3000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-005	Pocket Envelopes with Window Envelopes, 120×235 mm, 4000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-006	Pocket Envelopes with Window Envelopes, 120×235 mm, 5000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-007	C Type Booklet Envelopes with Window, 230×115mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-008	M Type Booklet Envelopes with Window, 226×115mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-009	S Type Booklet Envelopes with Large Window, 225×115mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-010	S Type Booklet Envelopes with Small Window, 225×115mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-011	U85 Type Booklet Envelopes with Window, 235×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03

CV-AZ03-012	U85 Type Booklet Envelopes with Window, 220×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-013	U80 Type Booklet Envelopes with Window, 235×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-014	U80 Type Booklet Envelopes with Window, 220×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-015	U60 Type Booklet Envelopes with Wax Window, 235×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-016	U60 Type Booklet Envelopes with Wax Window, 220×113mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-017	Green Tea Leaf Envelopes, 240×332mm, 500 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-018	Green Tea Leaf Envelopes, 240×332mm, 1000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-019	Green Tea Leaf Envelopes, 240×332mm, 2000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03
CV-AZ03-020	Green Tea Leaf Envelopes, 240×332mm, 3000 Count	IMURA ENVELOPE CO., INC.	PA-AZ-03

●PCR Name: Fire Extinguisher

Verification ID	Product Name	Company Name	PCR ID
CV-BA02-001	Stored-Pressure Dry Chemical Fire Extinguisher	HATSUTA SEISAKUSHO CO., LTD.	PA-BA-02
CV-BA02-002	YP-10	Yamato Protec Corp.	PA-BA-02
CV-BA02-003	FM3000 II	Yamato Protec Corp.	PA-BA-02
CV-BA02-004	YA-5P II	Yamato Protec Corp.	PA-BA-02
CV-BA02-005	YA-4XL II	Yamato Protec Corp.	PA-BA-02
CV-BA02-006	YA-6XL II	Yamato Protec Corp.	PA-BA-02
CV-BA02-007	YA-10XL II	Yamato Protec Corp.	PA-BA-02
CV-BA02-008	YA-10XDL II	Yamato Protec Corp.	PA-BA-02
CV-BA02-009	YA-20XL II	Yamato Protec Corp.	PA-BA-02
CV-BA02-010	Stored-Pressure ABC Dry Chemical Fire Extinguisher (Made in Japan)	HATSUTA SEISAKUSHO CO., LTD.	PA-BA-02
CV-BA02-011	Stored-Pressure ABC Dry Chemical Fire Extinguisher (Made in China)	HATSUTA SEISAKUSHO CO., LTD.	PA-BA-02
CV-BA02-012	Cartridge-Operated ABC Dry Chemical Fire Extinguisher (Made in China)	HATSUTA SEISAKUSHO CO., LTD.	PA-BA-02

●PCR Name: Plastic Containers and Packaging

Verification ID	Product Name	Company Name	PCR ID
CV-BC02-001	CO-OP microwavable wrap film for small bowls15cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-002	CO-OP microwavable wrap film, mini22cm×20m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-003	CO-OP microwavable wrap film, mini22cm×22m (increased quantity standard)	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-004	CO-OP microwavable wrap film, mini22cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-005	CO-OP microwavable wrap film, mini22cm×55m (increased quantity)	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-006	CO-OP microwavable wrap film 30cm×20m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-007	CO-OP microwavable wrap film 30cm×23m (increased quantity standard)	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-008	CO-OP microwavable wrap film 30cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-009	CO-OP microwavable wrap film 30cm×55m (increased quantity)	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-010	CO-OP (New low price) Polyethylene wrap film, mini22cm×40m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-011	CO-OP (New low price) Polyethylene wrap film, mini30cm×40m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-012	CO-OP (New low price) Polyethylene wrap film, mini30cm×100m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-013	CO-OP (New low price) Polyethylene wrap film, mini22cm×100m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-019	Higashi Murayama City, Tokyo Designated collection garbage bags for domestic use (combustible garbage)	Nippon Film Co., Ltd.	PA-BC-02
CV-BC02-020	Higashi Murayama City, Tokyo Designated collection garbage bags for domestic use (non-combustible garbage)	Nippon Film Co., Ltd.	PA-BC-02
CV-BC02-021	Garbage bag: Agri-Poly recycled product "Nokyo Dust bag"	Iwakasei Co., Ltd.	PA-BC-02
CV-BC02-022	GPE Micron Roll	Okura Industrial Co., Ltd.	PA-BC-02
CV-BC02-023	CO-OP Wrap film for use in microwaves and food storage, regular30cm×20m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-024	CO-OP Wrap film for use in microwaves and food storage, regular30cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-025	CO-OP Wrap film for use in microwaves and food storage, mini22cm×20m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-026	CO-OP Wrap film for use in microwaves and food storage, mini22cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-027	CO-OP Wrap film for use in microwaves and food storage, for small containers15cm×50m	Japanese Consumers' Co-operative Union	PA-BC-02
CV-BC02-028	Hi-Cone multi pack (intermediate goods)	ITW Hi-Cone Japan, Ltd.	PA-BC-02
CV-BC02-029	Beaubelcup Air	Dai Nippon Printing Co., Ltd.	PA-BC-02
CV-BC02-030	Pure bottle 4L KX-532	KODAMA PLASTICS Co., Ltd.	PA-BC-02
CV-BC02-031	Miyama20-12 (Tray for food packaging)	Chuo Kagaku Co., Ltd.	PA-BC-02
CV-BC02-032	Food Wrap for Consumer Use <Hitachi Wrap> 30cm×20m	Hitachi Chemical Filtec Inc.	PA-BC-02

●PCR Name: Vegetables and Fruits

Verification ID	Product Name	Company Name	PCR ID
CV-BF02-001	TOPVALU GreenEye Green Pepper from Miyazaki	Miyazaki Brand Promotion Head Office (Miyazaki Prefecture, JA Miyazaki), AEON TOPVALU Co.,Ltd.JA Hamayu	PA-BF-02
CV-BF02-002	Forced green peppers produced in Miyazaki (specially cultivated)	Miyazaki Brand Promotion Head Office (Miyazaki Prefecture, JA Miyazaki), JA Hamayu	PA-BF-02
CV-BF03-001	TOPVALU GreenEye green peppers produced in Miyazaki	Miyazaki Brand Promotion Head Office (Miyazaki Prefecture, JA Miyazaki), AEON TOPVALU Co.,Ltd.JA Hamayu	PA-BF-03
CV-BF03-002	Forced green peppers produced in Miyazaki (specially cultivated)	Miyazaki Brand Promotion Head Office (Miyazaki Prefecture, JA Miyazaki), JA Hamayu	PA-BF-03
CV-BF04-001	TOPVALU GreenEye green peppers from Miyazaki	AEON TOPVALU Co.,Ltd	PA-BF-04
CV-BF04-002	Tomato produced in Hokkaido (JA Kitaharuka)	HOKUREN, JA Kitaharuka	PA-BF-04
CV-BF04-003	Pumpkin produced in Hokkaido (JA Kitaharuka)	HOKUREN, JA Kitaharuka	PA-BF-04
CV-BF04-004	TOPVALU GreenEye green peppers from Miyazaki	Aeon Co., Ltd.	PA-BF-04

●PCR Name: Pallet for Cargo and Transportation

Verification ID	Product Name	Company Name	PCR ID
CV-BG-001	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-002	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-003	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-004	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-005	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-006	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-007	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG-008	MMP Pallet	MM Plastic Co., Ltd.	PA-BG-01
CV-BG02-001	MMP Recycled pallets	MM Plastic Co., Ltd.	PA-BG-02

●PCR Name: Teleconference Systems using Interactive White Board

Verification ID	Product Name	Company Name	PCR ID
CV-BI02-001	The Interactive Whiteboard Teleconferencing System	Hitachi Solutions, Ltd.	PA-BI-02

●PCR Name: Raw Bananas

Verification ID	Product Name	Company Name	PCR ID
CV-BJ03-001	Natural Kingdom Eco Bananas produced in the Philippines	Sumifru Corp.	PA-BJ-03

●PCR Name: Reuse battery (Industrial lead battery)

Verification ID	Product Name	Company Name	PCR ID
CV-BK02-001	Reuse battery: eco battery MSE-100-6	Shinwa Engineering Co., Ltd.	PA-BK-02
CV-BK02-002	Reuse battery: eco battery MSE-200	Shinwa Engineering Co., Ltd.	PA-BK-02
CV-BK02-003	Reuse battery: eco battery MSE-300	Shinwa Engineering Co., Ltd.	PA-BK-02
CV-BK02-004	Reuse battery: eco battery MSE-500	Shinwa Engineering Co., Ltd.	PA-BK-02

●PCR Name: Towel Products

Verification ID	Product Name	Company Name	PCR ID
CV-BL03-001	Senshu Towel: Green Club Manufacturers white Face Towel	Osaka Towel Industrial association / Yawaragi Co.,Ltd	PA-BL-03
CV-BL03-002	Senshu Towel: Green Club Manufacturers Color Face Towel	Osaka Towel Industrial association / Yawaragi Co.,Ltd	PA-BL-03
CV-BL03-003	Pro-touch KM179	KURASHIKI TEXTILE MANUFACTURING co., ltd.	PA-BL-03

●PCR Name: Broadly-applicable PCR (Non-energy-using Consumer Goods)

Verification ID	Product Name	Company Name	PCR ID
CV-BR01-001	Steak sauce with grated daikon 210g	Nihon Shokken Holdings Co., Ltd.	PA-BR-01
CV-BR01-002	POLIPPY SHIOAJI	DENROKU CO.,LTD.	PA-BR-01
CV-BR01-003	FROZEN SWEET AZUKI BEAN BARS	IMURAYA CO., LTD.	PA-BR-01
CV-BR01-004	Wontons, soy sauce flavour	Toyo Suisan Kaisha, Ltd.	PA-BR-01
CV-BR01-005	Butter Cookies (butter content of 5%)	Bourbon Corp.	PA-BR-01
CV-BR01-006	Sauce for delicious pork fried with ginger 210g	Nihon Shokken Holdings Co., Ltd.	PA-BR-01
CV-BR01-007	Bansankan Barbeque Sauce with roasted garlic 210g	Nihon Shokken Holdings Co., Ltd.	PA-BR-01
CV-BR01-008	Kara-Age Zukuri	Nihon Shokken Holdings Co., Ltd.	PA-BR-01
CV-BR01-009	Madeleine	Kasho Sanzen Co., Ltd.	PA-BR-01
CV-BR01-010	COFFEE PACHIT 100pcs	OHKI Co., Ltd.	PA-BR-01
CV-BR01-011	AOMORI CIDRE sparkling standard 200ml	JR East Aomori Business Development Company Co.Ltd A-FACTORY	PA-BR-01
CV-BR01-012	AOMORI CIDRE sparkling standard 375ml	JR East Aomori Business Development Company Co.Ltd A-FACTORY	PA-BR-01
CV-BR01-013	AOMORI CIDRE sparkling standard 750ml	JR East Aomori Business Development Company Co.Ltd A-FACTORY	PA-BR-01

●PCR Name: Broadly-applicable PCR (Energy-using Consumer Goods)

Verification ID	Product Name	Company Name	PCR ID
CV-BQ01-001	Multifunction Color copier system imagio	RIICOH COMPANY, LTD.	PA-BQ-01

●PCR Name: Publicity printings & Printing products for business use

Verification ID	Product Name	Company Name	PCR ID
CV-BS01-001	Dai Nippon Printing Co., Ltd (DNP) pamphlets (for Eco-Products 2010 distribution)	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-002	Dai Nippon Printing Co., Ltd (DNP) leaflets (for Eco-Products 2010 distribution)	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-003	Eco-Products 2010, leaflets for distribution (B3 two-folded)	Nikkei PR Advertising Co., Ltd.	PA-BS-01
CV-BS01-004	Eco-Products 2010, Guide for Eco Products (tabloid format)	Nikkei PR Advertising Co., Ltd.	PA-BS-01
CV-BS01-005	Special issue of Kankyo Business (Environmental Business) featuring Eco-Products 2010	Japan Business Publishing Co., Ltd.	PA-BS-01
CV-BS01-006	Corporate promotion calendar (A2 size, 7-pages)	Shindo & Co., Ltd.	PA-BS-01
CV-BS01-007	Carbon Footprint Japan Forum pamphlet	Carbon Footprint Japan Forum	PA-BS-01
CV-BS01-008	a leaflet for the music jacket gallery permanent exhibition	KINYOSHA PRINTING CO., LTD	PA-BS-01
CV-BS01-009	Waterless printing suggestions pamphlet	Japan Waterless Printing Corporate Association	PA-BS-01
CV-BS01-010	Pamphlet introducing eco-printing	Shinnihon Printing Inc.	PA-BS-01
CV-BS01-011	"Paper Containers, Packaging and Wrapping(intermediate goods)" Product Category Rules(PCR) (Approved PCR ID: PA-BB-02) "Plastic Container and Packaging" Product Category Rules(PCR) (Approved PCR ID: PA-BC-02) Guideline in GHG emission calculation for printing business	JAPAN FEDERATION OF PRINTING INDUSTRIES	PA-BS-01
CV-BS01-012	PR publicationGREENSTYLE VOL. 22 (final product)	Sony Music Communications Inc.	PA-BS-01
CV-BS01-013	Dainippon Screen Mfg. Product Catalog (A4 size, various products)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-014	Dainippon Screen Mfg. Product Catalog (A3 two fold, various products)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-015	DNP Group CSR Report 2011	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-016	TOPPAN SOLUTION BOOK (For Eco-Friendly Business)	Toppan Printing Co., Ltd.	PA-BS-01
CV-BS01-017	DNP Annual Report 2011 (Japanese)	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-018	TOPPAN CSR REPORT 2011 Report on Corporate Social Responsibility Activities (in Japanese)	Toppan Printing Co., Ltd.	PA-BS-01
CV-BS01-019	DNP Group Company newsletter "DNP Family" (28 pages)"	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-020	DNP Group Company newsletter "DNP Family" (32 pages)	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-021	DNP Group Company newsletter "DNP Family" (36 pages)	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-022	JCCU Environmental Report in digest form	Japanese Consumers' Co-operative Union	PA-BS-01
CV-BS01-023	Dainippon Screen Mfg. Product Catalog (A4 size, 4 pages, various types)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-024	Dainippon Screen Mfg. Product Catalog (A4 size, 8 pages, various types)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-025	Dainippon Screen Mfg. Product Catalog (A4 size, 12 pages, various types)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-026	Dainippon Screen Mfg. Product Catalog (A4 size, 16 pages, various types)	Dainippon SCREEN MFG. Co., Ltd.	PA-BS-01
CV-BS01-027	Sanko Printing Co.,Ltd. Company Profile.	Sanko Printing Co.,Ltd.	PA-BS-01
CV-BS01-028	FFGS ECONEX XP Brochure (A4 three-fold)	FUJIFILM Graphic Systems Co., Ltd	PA-BS-01
CV-BS01-029	Komori Group Environmental and Social Responsibility Report 2011	KOMORI CORPORATION	PA-BS-01
CV-BS01-030	DNP Report	Dai Nippon Printing Co., Ltd.	PA-BS-01
CV-BS01-031	TOYOTA GOSEI REPORT 2011	TOYOTA GOSEI CO.,LTD	PA-BS-01
CV-BS01-032	Toyo Ink Group Social & Environmental Report 2011	Toyo Ink SC Holdings Co.,Ltd.	PA-BS-01
CV-BS01-033	SUN-A LOHAS Printing Leaflet	SUN-A Printing Co.,Ltd.	PA-BS-01
CV-BS01-034	Shin Nihon Kogyo co., ltd Comapany Profile (for recruiting)	Shinnihon Kogyo Co.,Ltd	PA-BS-01

●PCR Name: Curtain Rails

Verification ID	Product Name	Company Name	PCR ID
CV-BT01-001	Curtain Rail E202	TOSO COMPANY, LIMITED	PA-BT-01
CV-BT01-002	Curtain Rail E203	TOSO COMPANY, LIMITED	PA-BT-01
CV-BT01-003	Curtain Rail Lifty	TOSO COMPANY, LIMITED	PA-BT-01

●PCR Name: Feed-Use L-Amino Acids (Intermediate Goods)

Verification ID	Product Name	Company Name	PCR ID
CV-BU01-001	L-Lysine Monohydrochloride (For Feed)	AJINOMOTO CO.,INC.	PA-BU-01

●PCR Name: Mushroom

Verification ID	Product Name	Company Name	PCR ID
CV-BW01-001	Shiitake cultivated on mushroom beds (100g tray)	Kubo Kogyo Co., Ltd.	PA-BW-01
CV-BW01-002	Shiitake cultivated on mushroom beds (200g packed in bags)	Kubo Kogyo Co., Ltd.	PA-BW-01
CV-BW01-003	Shiitake cultivated on mushroom beds (240g tray)	Kubo Kogyo Co., Ltd.	PA-BW-01

●PCR Name: Soft Drink

Verification ID	Product Name	Company Name	PCR ID
CV-BX01-001	500ml Natural water (Mt. Iwanaidake in Niseko mountain range)	NIHON ASUPARAGUS Co.,Ltd.	PA-BX-01

●PCR Name: Rubber Chip Products

Verification ID	Product Name	Company Name	PCR ID
CV-BZ01-001	Rubber Chip Products KSR (with kraft paper sack) (500kg)	KUROGANE INDUSTRY Co., Ltd.	PA-BZ-01
CV-BZ01-002	Rubber Chip Products KSR (with kraft paper sack) (20kg)	KUROGANE INDUSTRY Co., Ltd.	PA-BZ-01

●PCR Name: Printing Ink (intermediate goods)

Verification ID	Product Name	Company Name	PCR ID
CV-CA01-001	FK-Flemio DF-260 BLACK	SAKATA INX CORP.	PA-CA-01

●PCR Name: Wood-plastic Composite

Verification ID	Product Name	Company Name	PCR ID
CV-CB01-001	ECO-M Wood E05	ECOWOOD Co.Ltd	PA-CB-01
CV-CB01-002	ECO-M Wood S01	ECOWOOD Co.Ltd	PA-CB-01
CV-CB01-003	ECO-M Wood W02	ECOWOOD Co.Ltd	PA-CB-01

●PCR Name: Wood, Wood Materials

Verification ID	Product Name	Company Name	PCR ID
CV-CC01-001	Laminated lumber (HINATA) 105x105 3M	Tsujii Lumber co.,LTD.	PA-CC-01
CV-CC01-002	Laminated lumber (HINATA) 120x120 3M	Tsujii Lumber co.,LTD.	PA-CC-01
CV-CC01-003	Laminated lumber (HINATA) 120x120 6M	Tsujii Lumber co.,LTD.	PA-CC-01
CV-CC01-004	Plywood made of Kyoto Cedar 9x910x1820mm	HAYASHI PLYWOOD INDUSTRIAL CO., LTD.	PA-CC-01
CV-CC01-005	Plywood made of Kyoto Cedar 12x910x1820mm	HAYASHI PLYWOOD INDUSTRIAL CO., LTD.	PA-CC-01
CV-CC01-006	Plywood made of Kyoto Cedar 24x910x1820mm	HAYASHI PLYWOOD INDUSTRIAL CO., LTD.	PA-CC-01
CV-CC01-007	Plywood made of Kyoto Cedar 28x910x1820mm	HAYASHI PLYWOOD INDUSTRIAL CO., LTD.	PA-CC-01
CV-CC01-008	Starwood TFB	Hokushin Co.,Ltd	PA-CC-01
CV-CC01-009	Starwood	Hokushin Co.,Ltd	PA-CC-01
CV-CC02-001	marutama needle-leaved tree structural plywood (thickness 9mm 3PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-002	marutama needle-leaved tree structural plywood (thickness 9.5mm 3PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-003	marutama needle-leaved tree structural plywood (thickness 12mm 4PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-004	marutama needle-leaved tree structural plywood (thickness 12.5mm 4PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-005	marutama needle-leaved tree structural plywood (thickness 12mm 5PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-006	marutama needle-leaved tree structural plywood (thickness 15mm 5PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-007	marutama needle-leaved tree structural plywood (thickness 15.5mm 5PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-008	marutama needle-leaved tree structural plywood (thickness 18mm 6PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-009	marutama needle-leaved tree structural plywood (thickness 18.5mm 6PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-010	marutama needle-leaved tree structural plywood (thickness 21mm 7PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-011	marutama needle-leaved tree structural plywood (thickness 24mm 8PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-012	marutama needle-leaved tree structural plywood (thickness 24mm 9PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-013	marutama needle-leaved tree structural plywood (thickness 28mm 9PLY)	Marutama Industries,CO.,LTD	PA-CC-02
CV-CC02-014	marutama needle-leaved tree structural plywood (thickness 30mm 10PLY)	Marutama Industries,CO.,LTD	PA-CC-02

●PCR Name: Wood Products

Verification ID	Product Name	Company Name	PCR ID
CV-CD01-001	W CUBE dust box YK06-012	Yamato Craft Co.,Ltd	PA-CD-01

●PCR Name: Insulation material for construction

Verification ID	Product Name	Company Name	PCR ID
CV-CK01-001	Decos Fiber (Insulation material for construction)	Decos Co., Ltd.	PA-CK-01

●PCR Name: IT Equipments

Verification ID	Product Name	Company Name	PCR ID
CV-CI01-001	AX2430S-24T (Compact Gigabit Layer 2 Switches)	Alaxala Networks Corp.	PA-CI-01
CV-CI01-002	AX2530S-24T (Compact Gigabit Layer 2 Switches)	Alaxala Networks Corp.	PA-CI-01
CV-CI01-003	HITACHI Advanced Server HA8000/RS110xJ	Hitachi, Ltd.	PA-CI-01
CV-CI01-004	HITACHI Advanced Server HA8000/RS110xL	Hitachi, Ltd.	PA-CI-01
CV-CI01-005	Hitachi Universal Storage Platform V	Hitachi, Ltd.	PA-CI-01
CV-CI01-006	Hitachi Virtual Storage Platform	Hitachi, Ltd.	PA-CI-01
CV-CI01-007	Hitachi Adaptable Modular Storage 1000	Hitachi, Ltd.	PA-CI-01
CV-CI01-008	Hitachi Adaptable Modular Storage 2500	Hitachi, Ltd.	PA-CI-01

●PCR Name: Processed Sea Food

Verification ID	Product Name	Company Name	PCR ID
CV-CM01-001	CO-OP, Green Program, Grilled Eel produced in Shizuoka (Cut)	U CO-OP	PA-CM-01
CV-CM01-002	CO-OP, Green Program, Grilled Eel produced in Shizuoka (Whole)	U CO-OP	PA-CM-01

●PCR Name: Market poultry eggs

Verification ID	Product Name	Company Name	PCR ID
CV-CN01-001	Mt.Iwate Highland Egg 10kg carton	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-002	Mt.Iwate Highland Egg size L	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-003	Mt.Iwate Highland Egg size LL	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-004	Mt.Iwate Highland Egg size M	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-005	Mt.Iwate Highland Egg size Mix	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-006	Mt.Iwate Highland Egg size MS	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-007	Minna no Wa	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-008	Inaho no Kakehashi	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-009	Inaho no Kakehashi	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01
CV-CN01-010	Iwate Farm's Egg	JA ZEN-NOH Tamago Co.,Ltd	PA-CN-01

●PCR Name: Application Service

Verification ID	Product Name	Company Name	PCR ID
CV-CT01-001	LearningCast®	Nihon Unisys, Ltd.	PA-CT-01

N.B. Verifications conditions entered here are those as of 30 January, 2012.

Please visit our website for
the information on
carbon footprint of products!
<http://www.cfp-japan.jp/>

The screenshot shows the homepage of the Carbon Footprint of Products website. At the top, there is a logo with '123g CO2' and the title 'Carbon Footprint of Products'. Below the title is a navigation menu with options like 'HOME', 'CFPとは', 'CFP制度について', 'CFP制度への参加', 'CFP対象製品', and 'CFP関連規程'. The main banner features a hand holding a clover against a blue sky background, with the text '知ることが、変えていくための最初の一步' and 'カーボンフットプリント'. Below the banner are several sections: 'Carbon Footprint of Products with Energy-saving and Low-carbon Lifestyle!', 'Energy Action' (節電アクション), 'CFP Verification Number Search' (CFP検証番号検索), and 'News' (お知らせ). On the right side, there is a vertical menu with icons for 'ISO関連情報', '海外の動向', '報道発表', 'イベント情報', 'メールマガジン', and '支援事業のご案内'.

Overview

This section gives an easily understood explanation of the overview of carbon footprint of products (CFP). A webpage for children has been prepared using cartoons.

Carbon footprint product search

This section is for conducting searches about carbon footprint products. Also Product Category Rules (PCR) can be viewed here.

Full of various kinds of information

Various kinds of information are available such as overseas trends, event information as well as information for business operators examining initiatives about the CFP.

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