1. Food-related Products

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.

<table>
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<tr>
<th>Process</th>
<th>Acquisition of raw materials</th>
<th>Production</th>
<th>Transport/sales</th>
<th>Use/maintenance</th>
<th>Disposal/recycle</th>
<th>Total amount of CO₂ emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>26%</td>
<td>2%</td>
<td>57%</td>
<td>1%</td>
<td>14%</td>
<td>606g</td>
</tr>
</tbody>
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Note
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Company name: Earth Support Corporation
Product name: Sodatsundesu!! Sukusuku (organic liquid fertilizer)

Product Outline
- 500ml PET bottle – one bottle

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### 2. Lifestyle Products

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<th>Product name</th>
<th>PCR Name &amp; ID</th>
<th>Product Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marchenrose Co., Ltd</td>
<td>Marchenrose Roses</td>
<td>PA-AW-01</td>
<td>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</td>
</tr>
<tr>
<td>Syo Hana-en</td>
<td>Syo Hana-en Roses</td>
<td>PA-AW-02</td>
<td>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)</td>
</tr>
<tr>
<td>Abiko Engei</td>
<td>Abiko Engei Roses</td>
<td>PA-AW-02</td>
<td>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)</td>
</tr>
<tr>
<td>Kaji Noen</td>
<td>Kaji Noen Roses</td>
<td>PA-AW-02</td>
<td>The amount of per one stem of rose shipped by Kaji Noen Calculated according to cultivation data from May 2009 to April 2010</td>
</tr>
</tbody>
</table>

#### Process:

- **Acquisition of raw materials**: 6% 74% 20% 0.003% 0.3% 961g
- **Production**: 3% 94% 3% 0.01% 0.2% 1.17kg
- **Transport**: 9% 87% 4% 0.009% 0.3% 910g
- **Use/maintenance**: 5% 91% 4% 0.009% 0.3% 910g
- **Disposal/recycle**: 0% 0% 0% 0% 0% 0%
- **Total amount (g-CO₂)**: 0.3% 74% 20% 0.003% 0.3% 961g

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.
2. Lifestyle Products

### Hana Plan Roses
- **Company name**: JA Minabeinami
- **Product name**: Hana Plan Roses
- **PCR Name & ID**: 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 at our farm, which is situated in the cold Hokuriku district, we have used a heat pump and are trying to raise our electricity utilization rate.

### Statics, a flower from the JA Minabeinami MPS Growers’ Association
- **Company name**: JA Minabeinami
- **Product name**: Statics, a flower from the JA Minabeinami MPS Growers’ Association
- **PCR Name & ID**: 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 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.

### Gypsophila, a flower from the JA Minabeinami MPS Growers’ Association
- **Company name**: JA Minabeinami
- **Product name**: Gypsophila, a flower from the JA Minabeinami MPS Growers’ Association
- **PCR Name & ID**: 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 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.

### Carnations, a flower from the JA Minabeinami MPS Growers’ Association
- **Company name**: JA Minabeinami
- **Product name**: Carnations, a flower from the JA Minabeinami MPS Growers’ Association
- **PCR Name & ID**: 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.

#### 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.
2. Lifestyle Products

Product Outline

Company name: JA Minabeinami
Product name: Sweet Peas, a flower from the JA Minabeinami MPS Growers' Association
PCR Name & ID: PA-AW-02

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

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.

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

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

Company name: JA Minabeinami
Product name: Snapdragons, a flower from the JA Minabeinami MPS Growers' Association
PCR Name & ID: PA-AW-02

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

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

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

<table>
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<th>Transport</th>
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<th>Disposal/recycle</th>
<th>Total amount (g CO₂ product)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JA Minabeinami</td>
<td>Scabious, a flower from the JA Minabeinami MPS Growers' Association</td>
<td>69%</td>
<td>14%</td>
<td>16%</td>
<td>0.04%</td>
<td>1%</td>
</tr>
<tr>
<td>PCR Name &amp; ID</td>
<td>PA-AW-02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product Outline</td>
<td>Flowers shipped by the JA Minabeinami MPS Growers' Association</td>
<td>Calculated according to cultivation data from May 2009 to April 2010</td>
<td>The amount of per one stem of scabious</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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</tr>
</thead>
<tbody>
<tr>
<td>JA Minabeinami</td>
<td>Chocolate Cosmos, a flower from the JA Minabeinami MPS Growers' Association</td>
<td>6%</td>
<td>58%</td>
<td>34%</td>
<td>0.08%</td>
<td>2%</td>
</tr>
<tr>
<td>PCR Name &amp; ID</td>
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<td></td>
<td></td>
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<td>Flowers shipped by the JA Minabeinami MPS Growers' Association</td>
<td>Calculated according to cultivation data from May 2009 to April 2010</td>
<td>The amount of per one stem of chocolate cosmos</td>
<td></td>
<td></td>
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</tr>
</thead>
<tbody>
<tr>
<td>JA Minabeinami</td>
<td>Sunflowers, a flower from the JA Minabeinami MPS Growers' Association</td>
<td>8%</td>
<td>85%</td>
<td>7%</td>
<td>0.02%</td>
<td>0.4%</td>
</tr>
<tr>
<td>PCR Name &amp; ID</td>
<td>PA-AW-02</td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td>Product Outline</td>
<td>Flowers shipped by the JA Minabeinami MPS Growers' Association</td>
<td>Calculated according to cultivation data from May 2009 to April 2010</td>
<td>The amount of per one stem of sunflowers</td>
<td></td>
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We are trying to cut CO₂ emissions by using returnable buckets when we transport flowers.

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<th>Disposal/recycle</th>
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</tr>
</thead>
<tbody>
<tr>
<td>JA Minabeinami</td>
<td>Dahlias, a flower from the JA Minabeinami MPS Growers' Association</td>
<td>10%</td>
<td>40%</td>
<td>48%</td>
<td>0.07%</td>
<td>2%</td>
</tr>
<tr>
<td>PCR Name &amp; ID</td>
<td>PA-AW-02</td>
<td></td>
<td></td>
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<td>Flowers shipped by the JA Minabeinami MPS Growers' Association</td>
<td>Calculated according to cultivation data from May 2009 to April 2010</td>
<td>The amount of per one stem of dahlia</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
2. **Lifestyle Products**

- **Osaka Towel Industrial Association / Yawaragi Co., Ltd.**
  - **Product Name:** Senshu Towel: Green Club Manufacturers Face Towel
  - **PCR Name & ID:** PA-BL-03
  - **Product Outline:**
    - Raw materials: Cotton 100% size: 34cm×85cm, weight: approx. 68.75g, Green Club processing (to remove natural and enzymatic starches) during post-bleaching treatment, sales unit (per single towel)
    - **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.

- **KURASHIKI TEXTILE MANUFACTURING co., Ltd.**
  - **Product Name:** Pro-touch KM179
  - **PCR Name & ID:** PA-BL-03
  - **Product Outline:**
    - Product size: approx. 34cm×90cm, 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
    - **Objective of involvement in CFP:**
      - In order to research the life cycle of daily used Dish Towel through the CFP, and ascertain CO₂ emissions.

- **Aeon Co., Ltd.**
  - **Product Name:** TOPVALU Kyokan Sengen: LED light bulbs (neutral white)
  - **PCR Name & ID:** PA-AT-02
  - **Product Outline:**
    - Electricity consumption: 6.5W
    - Rating life: 40,000 hours
    - Product weight: 68g E26 screw base

- **TOSO COMPANY, LIMITED**
  - **Product Name:** Curtain Rail E202
  - **PCR Name & ID:** PA-BT-01
  - **Product Outline:**
    - • 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
    - **E202 curtain rails use the C-shape surface shape that minimizes waste of raw materials, and balances performance with environmental consideration.**

---

**Process**

- **Acquisition of raw materials:** 20%
- **Production:** 64%
- **Transport:** 14%
- **Use/maintenance:** 2%
- **Disposal/recycle:** 0.2%
- **Total amount (kg-CO₂/product):** 1.59kg

**Company Name**: Osaka Towel Industrial Association / Yawaragi Co., Ltd.

**Product Name**: Senshu Towel: Green Club Manufacturers Face Towel

**PCR Name & ID**: PA-BL-03

**Process**

- **Acquisition of raw materials:** 66%
- **Production:** 0.3%
- **Transport:** 0.02%
- **Use/maintenance:** 94%
- **Disposal/recycle:** 0.008%
- **Total amount (kg-CO₂/product):** 133kg

**Company Name**: KURASHIKI TEXTILE MANUFACTURING co., Ltd.

**Product Name**: Pro-touch KM179

**PCR Name & ID**: PA-BL-03

**Process**

- **Acquisition of raw materials:** 64%
- **Production:** 10%
- **Transport:** 17%
- **Use/maintenance:** 0%
- **Disposal/recycle:** 9%
- **Total amount (kg-CO₂/product):** 3.42kg

**Company Name**: Aeon Co., Ltd.

**Product Name**: TOPVALU Kyokan Sengen: LED light bulbs (neutral white)

**PCR Name & ID**: PA-AT-02

**Process**

- **Acquisition of raw materials:** 64%
- **Production:** 12%
- **Transport:** 17%
- **Use/maintenance:** 0%
- **Disposal/recycle:** 9%
- **Total amount (kg-CO₂/product):** 3.42kg

**Company Name**: TOSO COMPANY, LIMITED

**Product Name**: Curtain Rail E202

**PCR Name & ID**: PA-BT-01

---

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.
2. Lifestyle Products

**San shin**

**Company Name:** SANSHIN KAKO CO., LTD.

**Product Name:** Polypropylene tray

**Description:**
- **Name:** PCR Name & ID Tableware (Ceramic and synthetic resin products)
- **Size:** 352mm x 268mm x 18mm
- **Weight:** 240g
- **Per tray, including wrapping:** 30.5kg

**Process**
- **Acquisition of raw materials:** 2%
- **Production:** 5%
- **Transport/ sales:** 0.2%
- **Use/maintenance:** 93%
- **Disposal/recycle:** 0.1%

**Total amount (kg-CO₂/ product):** 30.5kg

**Notes:**
- The CO₂ emissions appear large as they are used time and time again. (30.5g 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.

---

**San shin**

**Company Name:** SANSHIN KAKO CO., LTD.

**Product Name:** Rice bowl, YBH-771 (Alumina ceramic tableware with underglaze decorating)

**Description:**
- **Name:** PCR Name & ID Tableware (Ceramic and synthetic resin products)
- **Size:** φ132mm x 54mm, weight: 171g, capacity: 370ml

**Process**
- **Acquisition of raw materials:** 2%
- **Production:** 4%
- **Transport/sales:** 0.3%
- **Use/maintenance:** 94%
- **Disposal/recycle:** 0.1%

**Total amount (kg-CO₂/ product):** 13.1kg

**Notes:**
- 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.

---

**San shin**

**Company Name:** SANSHIN KAKO CO., LTD.

**Product Name:** Kids’ Mate recycled PET tray RPTA-3527

**Description:**
- **Name:** PCR Name & ID Tableware (Ceramic and synthetic resin products)
- **Size:** 0.347m x 0.267m x H0.0165m, weight: 0.289kg

**Process**
- **Acquisition of raw materials:** 2%
- **Production:** 4%
- **Transport/sales:** 0.3%
- **Use/maintenance:** 94%
- **Disposal/recycle:** 0.1%

**Total amount (kg-CO₂/ product):** 13.1kg

**Notes:**
- By recycling over 15% of our collected recycled material, 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.

---

**San shin**

**Company Name:** Asahi-Kako Co., Ltd.

**Product Name:** School meal tray (rectangular tray with grips)

**Description:**
- **Name:** PCR Name & ID Tableware (Ceramic and synthetic resin products)
- **Size:** 0.347mm x 0.267mm x H0.0165mm, weight: 0.286kg

**Process**
- **Acquisition of raw materials:** 1%
- **Production:** 2%
- **Transport/sales:** 0.2%
- **Use/maintenance:** 97%
- **Disposal/recycle:** 0.4%

**Total amount (kg-CO₂/ product):** 26.5kg

**Notes:**
- 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.
2. Lifestyle Products

## Company Name: Asahi-Kako Co., Ltd.

**Product Name:** Kids' Plate (recycled high-strength porcelain tableware (13.2cm colander))

### Product Outline (Verified in FY2010)
- **Size:** 13.2cm x 5.4cm, weight: 0.155kg

- **Type of use:** Commercial tableware
- **Supposed number of times used:** 1,000 times (including washing-related processing)
- **CO₂ emissions:** 4%
- **CO₂ emissions when the bowl is used 1,000 times:** 14.1kg

### Process
- **Acquisition of raw materials:** 2%
- **Production:** 1%
- **Transport:** 0.87%
- **Use/maintenance:** 0.3%
- **Disposal/recycle:** 14.1kg

### Notes
- 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.

## Company Name: Kokusai-Kako Co., Ltd.

**Product Name:** Kokusai-Kako Co., Ltd.

### Product Outline (Verified in FY2010)
- **Product weight:** 83g (not including wrapping)
- **Size:** 13.2cm x H 5.5cm

- **Type of use:** Commercial tableware (Bowl, full finish)
- **Material:** Melamine resin
- **Supposed number of times used:** 1,000 times
- **CO₂ emissions when the bowl is used 1,000 times:** 13.2kg

### Process
- **Acquisition of raw materials:** 4%
- **Production:** 1%
- **Transport:** 0.05%
- **Use/maintenance:** 93%
- **Disposal/recycle:** 2%
- **Total amount (kg-CO₂):** 13.2kg

### Notes
- 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.

## Company Name: HATSUTA SEISAKUSHO CO., LTD.

**Product Name:** Stored-Pressure Dry Chemical Fire Extinguisher PEP-10

### Product Outline (Verified in FY2010)
- **Product weight per sales unit (per extinguisher):** 5.25kg (including packaging materials)

- **Type of use:** Stored-Pressure ABC Dry Chemical Fire Extinguisher
- **Supposed number of times used:** 1,000 times
- **CO₂ emissions when the extinguishing agents are used:** 15.9kg

### Process
- **Acquisition of raw materials:** 23%
- **Production:** 8%
- **Transport:** 1.2%
- **Use/maintenance:** 3%
- **Disposal/recycle:** 54%
- **Total amount (kg-CO₂):** 15.9kg

### Notes
- We use recycled materials in the raw materials for the fire-extinguishing agents.
### 2. Lifestyle Products

#### Japanese Consumers’ Co-operative Union

**Company name:** Japanese Consumers’ Co-operative Union  
**Product name:** CO-OP microwavable wrap film  
**PCR Name & ID:** Plastic Containers and Packaging  
**PA-BC-02**

**Raw material:** polymethylpentene  
**W30cm x L20m**, heat proof temperature: 180°C, cold resistant temperature: -30°C

**Process:**  
1. Acquisition of raw materials  
2. Production  
3. Transport  
4. Use/maintenance  
5. Disposal/recycle

**Total amount (g-CO₂/product):** 571g

**Percentage of CO₂ emissions:**  
- Acquisition of raw materials: 29%  
- Production: 48%  
- Transport: 8%  
- Use/maintenance: 0%  
- Disposal/recycle: 16%

- **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.

#### Hitachi Chemical Filtec Inc.

**Company name:** Hitachi Chemical Filtec Inc.  
**Product name:** Food Wrap for Consumer Use <Hitachi Wrap>  
**PCR Name & ID:** Plastic Containers and Packaging  
**PA-BC-02**

**Product name:** Food wrap film  
**Raw material:** Polyvinyl chloride, weight: 64g (wrap film only)

**Process:**  
1. Acquisition of raw materials  
2. Production  
3. Transport  
4. Use/maintenance  
5. Disposal/recycle

**Total amount (g-CO₂/product):** 345g

**Percentage of CO₂ emissions:**  
- Acquisition of raw materials: 55%  
- Production: 8%  
- Transport: 4%  
- Use/maintenance: 0%  
- Disposal/recycle: 33%

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

#### Iwaikasei Co., Ltd.

**Company name:** Iwaikasei Co., Ltd.  
**Product name:** Garbage bag: Agri-Poly recycled product “Nokyo Dust bag”  
**PCR Name & ID:** Plastic Containers and Packaging  
**PA-BC-02**

**Product name:** Garbage bag: Agri-Poly recycled product “Nokyo Dust bag”  
**45L size:** 0.03mm×650mm×800mm  
**10 bag pack (10 bags weigh 287g and the wrapping 4.5g)**

**Process:**  
1. Acquisition of raw materials  
2. Production  
3. Transport  
4. Use/maintenance  
5. Disposal/recycle

**Total amount (g-CO₂/product):** 1.12kg

**Percentage of CO₂ emissions:**  
- Acquisition of raw materials: 16%  
- Production: 5%  
- Transport: 2%  
- Use/maintenance: 0%  
- Disposal/recycle: 77%

- **This is a garbage bag that utilizes used agricultural polyethylene as a recycle material.**  
- 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.
### 2. Lifestyle Products

#### Hi-Cone multi pack (intermediate goods)
- **Company name**: ITW Hi-Cone Japan, Ltd.
- **Product name**: Hi-Cone multi pack (intermediate goods)
- **PCR Name & ID**: PA-BC-02
- **Product Outline (Verified in FY2010)**: Polyethylene packaging material for multi packs of canned drinks (beers and soft drinks).
- **Calculation unit**: 1 pallet (90,000 sheets).
- **Process ①**: Acquisition of raw materials (plant-derived polyethylene as its main (60%) raw material).
- **Process ②**: Production.
- **Process ③**: Transport.
- **Process ④**: Use/maintenance.
- **Process ⑤**: Disposal/recycle.
- **Total amount (kg-CO₂/ product)**: 1.76t

#### Beaubelcup Air
- **Company name**: Dai Nippon Printing Co., Ltd.
- **Product name**: Beaubelcup Air
- **PCR Name & ID**: PA-BC-02
- **Product Outline (Verified in FY2010)**: Plastic cup for drinks (not including lid or accessories).
- **Total amount (kg-CO₂/ product)**: 60.3kg
  - **CO₂ emissions**: 73%
  - **CO₂ reductions**:
    - **Material**: 60.3kg (bar single case) (Raw materials acquisition stage, and disposal and recycling stage)
    - **Material**: 60.3kg (bar single case) (Raw materials acquisition stage, and disposal and recycling stage)

#### GPE Micron Roll
- **Company name**: Okura Industrial Co., Ltd.
- **Product name**: GPE Micron Roll
- **PCR Name & ID**: 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.
- **Process ①**: Acquisition of raw materials.
- **Process ②**: Production.
- **Process ③**: Transport.
- **Process ④**: Use/maintenance.
- **Process ⑤**: Disposal/recycle.
- **Total amount (kg-CO₂/ product)**: 75%

#### Pure bottle 4L KX-532
- **Company name**: KODAMA PLASTICS Co., Ltd.
- **Product name**: Pure bottle 4L KX-532
- **PCR Name & ID**: PA-BC-02
- **Product Outline (Verified in FY2010)**: Plastic cup for drinks (not including lid or accessories).
- **Total amount (kg-CO₂/ product)**: 71%
  - **CO₂ emissions**: 71%
  - **CO₂ reductions**:
    - **Material**: 71%

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**备注**
- **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.**
- **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.**

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**大倉工業株式会社**

**KODAMA PLASTICS Co., Ltd.**

**純ぶたび4L KX-532**

*Carbon neutral*

- **CO₂: 2.19kg**
- **(Material acquisition stage, and disposal and recycling stage)**

*By making CO₂ emissions "visible" we have ascended 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.*
2. Lifestyle Products

Company name: Chuo Kagaku Co., Ltd.
Product name: Miyama20-12 (Tray for food packaging)

Intermediate Goods
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: 4.12kg
Raw materials acquisition stage: 71% Transport: 29%

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-CO₂/product)

Company name: Chuo Kagaku Co., Ltd.
Product name: Miyama20-12 (Tray for food packaging)
Intermediate Goods: PA-BC-02

Process
Acquisition of raw materials
Production
Transport
Use/maintenance
Disposal/recycle
Total amount (kg-CO₂/product)

Percentage of CO₂ emissions
71%
29%
41.2kg

3. Clothing-related Products

PCR Name
Uniform
PA-AO

PCR ID
PA-AC

Note
- The products which were given verification of their carbon footprints of products (CFP) those representatives from each category were 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 authenticated to use the CFP label for details.
- The calculation coverage for carbon footprint has partly changed in FY2010 from that of FY2009. The Sales Process in the transport/Sale Process in FY2009 was eliminated in FY2010 due to the setup changes during the period in our method.
- 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.

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