This is the report on the organization in Japan controlled under Environmental Management System based on ISO14001:2004 approval.
This report primarily focuses on the efforts, and accomplishments for FY2010, the period from April 1, 2010 to March 31, 2011, with the data reflecting the actual results for that period. The report also includes our approaches and targets for FY2011, the period from April 1, 2011 to March 31, 2012. FY2011 approaches and targets include uncertainty. We ask our reader's understanding of the fact that we cannot be responsible for such eventualities.

Top Message

FUJITSU COMPONENTS’ GROUP MISSION

Environmental Policy, Environmental Protection Program

Group Environmental Policy

The 5th Stage Group Environmental Protection Program

Environmental Management

Environmental Management System

Organization of Environmental Activities

Group Profile, Business Activities

Topics of Environmental Activities

Development of Eco-friendly Products and others

FY2010 Targets and Achievements and FY2011 Targets/Environmental Load Data

Group Total

Details (1) Engineering & Development Center

Details (2) SHINANO FUJITSU LIMITED

Details (3) MIYAZAKI FUJITSU COMPONENTS LIMITED

Details (4) CHIKUMA TSUSHIN INDUSTRY CO., LTD.

Details (5) TAKAMISAWA ELECTRIC CO., LTD. Shinshu Plant

Details (6) Head Office incl. TEC CO., LTD.

List of Super Green Products

Component Solution for Green Systems

(Reference) Fujitsu Group Environmental Policy

(Reference) Fujitsu Components Group Companies

Contact

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As a component that supports green solutions, we developed Smart Power Strip and Gateway jointly with Fujitsu Laboratories Limited in FY2010 and launched them from this April for industrial use. Smart Power Strip incorporates miniature power sensors and outputs power consumption in 1W. Gateway enables the data to use through network. As a energy-saving product, we produced customized Console Drawer with power supply cope with 100VAC-240VAC power source which conforms to International energy Star Program Ver.5.0 technology. Note) International Energy Star Program is an international labeling institution aiming at energy-saving of OA equipment.

FY2011 is the second year of the 5th Stage of Environmental Protection Program. We will challenge to apply environmental efficiency factor 1.2 or more (compared with FY2008) on all newly-developed products, aiming to provide the products that are more environmental-friendly and support acceleration of green systems.

Fujitsu Components Group recognizes roles and responsibility company must carry out towards environment and biodiversity conservatory, and contribute for realization of sustainable environment and society along with Fujitsu Group’s Green Policy 21, Green Policy 2020 and Green Policy Innovation.

FUJITSU COMPONENTS GROUP MISSION

The Fujitsu Components Group will continuously provide high reliability and high quality products, technical proposals, and cost competitiveness.

We will contribute to the environment and society and reinvest profits and growth. As a business partner, Fujitsu Components Group aims to further improve the products for our customers in a timely manner.

Note) Photo of console drawer is of a standard product, which have same appearance with the custom drawer conform to International Energy Star Program Ver.5 Technology.
Environmental Management System

We have established environmental management system based on international standard ISO14001:2004 and are promoting continuous improvement activities.

Environmental Policy

- Monitoring and measurement, compliance evaluation
- Non-compliance and corrective and preventive response
- Records, EMS audit

Planning

- Environmental aspects
- Legal and other requirements
- Objectives and targets

Implementation and operation

- Structure and responsibility
- Training, awareness and competence
- Communication
- Emergency preparedness and response

Management review

Continuous Improvement

The 5th Stage Group Environmental Protection Program

This Environmental Protection Program states the actual action plans to implement the Group Environmental Policy and important control items and it is the medium term action plans to be achieved by FY2012.

1. Improvement of Environmental Value of Products and Services
   - More than 30% of newly developed Green Products shall be Super-Green Products which contribute to energy saving by the end of FY2012.
   - Establish calculation method of eco-efficiency factor and LCA, and achieve the eco-efficiency factor of 1.2 on the newly designed Green Products by the end of FY2012 compared with the products development in energy saving by the end of FY2008.

2. Enhancement of Own Environmental Load Reduction Plan
   - Reduce CO2 emission created by energy consumption not exceeding 18,200t-CO2, 20% reduction from the FY2000 level (22,774t-CO2), by the end of FY2012.
   - Reduce CO2 generated by energy consumption from the FY2000 level.
   - Reduce emission of priority chemicals.
   - Further reduce the total amount of waste generation.

3. Promotion of Environmental & Social Contribution Activities
   - Each business unit shall provide the education for biodiversity conservatory for diffusion and edification.
   - All materials shall be procured from the suppliers who declare effort for biodiversity conservatory by the end of FY2012.

Organization of Environmental Activities

Senior Representative Group EMS, who controls overall group activities, is set up under the Management Committee. Internal Audit Committee for Group EMS directly supporting the Senior Representative Group EMS.

Site Senior Representative EMS and Site Representative EMS are set up in each 6 Japanese sites and they conduct activities in corporation with the Fujitsu Group’s environmental organizations.

Fujitsu Component Management Committee

Internal Audit Committee for Group EMS

Representative Group EMS

Group EMS Secretary

Site Senior Representative EMS

Site Internal Audit Committee for EMS

Site Representative EMS

Site EMS Secretary

Site Operation

Project (as necessary)

Project (as necessary)

Note 1) Japanese 6 sites : Head Office, Engineering & Development Center, SHINANO FUJITSU LIMITED, MIYAZAKI FUJITSU COMPONENTS LIMITED, CHIKUMA TSUSHIN INDUSTRY CO., LTD., MIYAMAE ELECTRIC CO., LTD., Shinsyu Plant.

Note 2) Overseas 3 sites : FUJITSU COMPONENT (MALAYSIA) SDN. BHD., in Malaysia, FUJITSU COMPONENTS (CHANGZHOU) CO., LTD. in China, QINGDAO KOWA SEIKO CO., LTD. in China.
Group Profile

Head Office: FUJITSU COMPONENT LIMITED
Address: 3-5 Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-0022, Japan
President: Koichi Ishizaka
Main Business Activities: Manufacturing and sales of connecting components (relays and connectors), input/output devices (keyboards etc.) and other applied electronic devices
Capital: 6,764 million yen (as of March 31, 2011)
Sales: 40,130 million yen (consolidated, FY2010)
Financial year end: March 31
Employees: 3,297 (consolidated, as of end of March 2011)
Equity Market: Second Section of the Tokyo Stock Exchange, code 6719
Group: The Group is composed of total 13 companies; 6 Japanese companies including 1 sales company, and 7 overseas companies including 5 sales companies. 1 overseas company is nonconsolidated subsidiary. (please refer to P.27)

Environmental Management Applicable Sites

Site: FUJITSU COMPONENT LIMITED Engineering & Development Center
Location: Suzaka-shi, Nagano
Employees: 310
Business Activities: Development and design of Fujitsu Component’s products. Manufacturing of touch panels (Shinano Fujitsu Limited)
Organization: Japan Audit and Certification Organization for Quality (JACO)
Validity: EC08J2005 D001
Number: ER 0124

Site: SHINANO FUJITSU LIMITED
Location: Iyama-shi, Nagano
Employees: 577
Business Activities: Manufacturing of Fujitsu Component’s and customized printed boards.
Organization: Certification of Eco-Product Organization
Validity: March 22, 2012

Site: MYAZAKI FUJITSU COMPONENTS LIMITED
Location: Nichinan-shi, Miyazaki
Employees: 528
Business Activities: Manufacturing of relays
Organization: Certification of Eco-Product Organization
Validity: EC08J2005 D001
Number: ER 0124

Site: CHUGU TESHIN INDUSTRY CO., LTD.
Location: Saku-shi, Nagano
Employees: 140
Business Activities: Manufacturing of relay parts
Organization: Certification of Eco-Product Organization
Validity: March 22, 2012

Site: TAKAMISAWA ELECTRIC CO., LTD.
Location: Nichinan-shi, Miyazaki
Employees: 52
Business Activities: Manufacturing of relay parts
Organization: Certification of Eco-Product Organization
Validity: March 22, 2012

Site: FUJITSU COMPONENT LIMITED
Location: Shingawa-ku, Tokyo
Employees: 223
Business Activities: Development and design of wireless module, group management, sales of products
Organization: Certification of Eco-Product Organization
Validity: March 22, 2012

Independent Environmental Management Applicable Sites

Site: FUJITSU COMPONENT (MALAYSIA) SDN BHD
Location: Johor, Malaysia
Business Activities: Manufacturing of relays and keyboards
Organization: SIRIM QSA International Sdn. Bhd
Number: ER 0124
Validity: July 27, 2013

Site: FUJITSU COMPONENTS (CHANGZHOU) CO., LTD.
Location: Changzhou, China
Business Activities: Manufacturing of relays
Organization: CHINA QUALITY CERTIFICATION CENTRE
Number: 0011E200142RM03200
Validity: April 24, 2014

Site: QINGDAO KOWA SEIKO CO., LTD.
Location: Qingdao, China
Business Activities: Manufacturing of relay parts
Organization: CHINA QUALITY CERTIFICATION CENTRE
Number: 0011E2001008R03700
Validity: February 8, 2013

Note) TRANSTOUCH TECHNOLOGY INC. went out of our equity method affiliate as of the end of March, 2011.

Environmental Management Activities

Development of Eco-friendly Products

Green Products, Super Green Products

As a member of Fujitsu Group, we promote development of eco-friendly products throughout product life cycle, and oblig new developed products to be Green Product, which complies with environmental assessment. In addition, the products at the top class in terms of environmental element are position as Super Green Product. We raised applicable criteria from FY2010; focusing on energy-saving along with other top class environmental elements. We promote development of higher environmental-friendly products.

Note1) Super Green Products are approved by Fujitsu Limited, the head of Fujitsu Group.

- Super Green Products in FY2010
In FY2010, 3 products were approved as Super Green Products. Here is the list of approved products.

<table>
<thead>
<tr>
<th>Product</th>
<th>Serial/Product name</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relay</td>
<td>FTR-K3L</td>
<td>• Latching relay, no standby power • Lead free soldering • No REACH object substance contained (as of the end of March, 2011)</td>
</tr>
<tr>
<td>KVM Switch</td>
<td>Drawer (custom)</td>
<td>• Reduced power consumption at work by 36% • Reduced power consumption at stand-by by 80% • Lead free soldering • International Energy Star Program Ver.5.0 technology approved (category: display)</td>
</tr>
<tr>
<td>Wireless Module</td>
<td>MBFTWLZ23</td>
<td>• Reduced power consumption at stand-by by 41% • Miniaturization in top level • Halogen free printed circuit board</td>
</tr>
</tbody>
</table>

Reducing Product’s Environmental Load by Using the Eco-efficiency Factor

We introduced Eco-efficiency factor in FY2007. We achieved factor 1.2 or more on Thermal printer in FY2008 and one item from major 6 products in FY2009 compared with FY2005 products. In FY2010, we established calculation method on 7 major products and set a target to achieve factor 1.2 compared with FY2005 products. We will conduct evaluation based on the criteria on all newly-developed products.

<table>
<thead>
<tr>
<th>Eco-efficiency factor = Environment Load (comparison b/w old and new products) / Product value (comparison b/w old and new products)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Numerator: improvement of product value</td>
</tr>
<tr>
<td>Specification, characteristic function</td>
</tr>
<tr>
<td>CO2 emission throughout life cycle</td>
</tr>
</tbody>
</table>

Management of the Restricted Chemical Substances in Products and REACH Regulation

We have specified banned chemicals to contain/use and controlled chemicals, and have confirmed that the contained chemicals in the procuring parts and/or shipping products are under the threshold.

To deal with REACH regulation, we are collecting data for article information sheet (AIS) proposed by Joint Article Management Promotion-consortium (JAMP). We will start new system that can correspond to all major data format within FY2011 for better response to laws and customer requirements. We will increase efficiency of related services by this change.

Note) REACH regulation: Registration, Evaluation Authorization and Restriction of Chemicals implemented in Europe.
**Topics of Environmental Activities**

**Green Procurement**
We have been asking supply chain partners (1) to establish environmental management system, (2) to comply with regulations about specified chemicals, (3) to establish a system to control chemicals contained in products, in addition, from FY2010, (4) to reduce CO₂ emissions, (5) to make effort on biodiversity conservatory.
We provided “Standard for Green Procurement” to all partners and conducted briefing sessions in Kawasaki and Nagano area to instill the policy. We conducted research especially for the efforts start from FY2010, reduction of CO₂ emissions and biodiversity conservatory, and confirmed that more than 60% of material partners had took action. We plan to conduct individual sessions and workshops for realization of all material partners’ effort by end of FY2012.
We also conduct regular check on operational situation of contained chemicals control system, which material partners had established, to improve the level of management system not to contain any hazardous substance in the products.

**Priority Chemicals Management**
Each site settled the priority chemicals to be reduced, and reduced its air emissions.
We worked to reduce air emissions of isopropyl alcohol (IPA) and ethanol out of volatile organic compounds (VOC) which relates to Air Pollution Control Act. With the approval of customers along with verification of product quality and cost, we took actions like replacement of solvent cleaning by pure-water cleaning, re-examination of cleaning frequency, gasket sealing on lid of equipment to prevent volatilization etc.
There are some products difficult to take such actions. We will continue to investigate and study for them in FY2011 onward.

**Global Warming Countermeasures**
The Group is always aware of energy-saving and resource saving and implement measures. The Great East Japan Earthquake on March 11, 2011 forced a change in Japanese energy policy; further countermeasures for saving electricity becomes critical matter in addition to existing global warming countermeasures.
We will sustain an inventive approach for further energy-saving in FY2011.

**Waste Management**
We have studied economic feasibility of recycle and reuse continuously and started recycling of waste plastics. We will continue study on reuse and extraction of rare metals from recycling glasses, waste liquid/sludge from plating process and other wastes.
As a fundamental reduction of waste, we are working to optimize loading materials from design/development stage and to reduce failure rate in production process.

**Compliance and Prevention of Environmental Pollution**

Each factory and sales office collects information about applicable laws and ordinances regularly and identify the laws we should comply with. In addition, each site checks compliance situation based on evidence materials and confirms that there is no violation of the applicable laws.
Fuji Components Group set qualified persons required by applicable laws, fostering of qualified persons, and established a qualification acquisition plan at the beginning of the fiscal year to improve the level of compliance manager for fair administration of laws. In FY2010, we set qualified persons and energy-saving and persons trained in practical business of noise/vibration/air/water management in Engineering & Development Center to improve management level. We plan to get a qualification corresponding to energy-saving laws and Waste Management and Public Cleansing Act in FY2011.
With the effectuation of Energy Saving Act revised in 2009, FUJITSU COMPONENT LIMITED, SHINANO FUJITSU LIMITED and MIYAZAKI FUJITSU COMPONENTS LIMITED are assigned as a specified corporation, an objective company who should manage the reduction on a whole corporate level, as of Oct. 1, 2010. We selected and registered an Energy-management Supervisor at executive-level and Energy-management-plan Promoters who is qualified in energy management. Based on the law, Fuji Components Group starts effort for energy-saving in consideration of reduction management throughout whole group, not by each single site, in FY2011.
Concerning excess chlorinated organic compounds found in 1998 by our self-inspection at TAKAMISAWA ELECTRIC CO., LTD. Shinshu Plant and CHIKUMA TSUSHIN INDUSTRY CO., LTD., we have been keeping soil cleaning and report to government committee, and we confirmed that there is no complaint from neighborhood.
Hydrogen-ion concentration in sewer water temporary exceeded our voluntary control value at MIYAZAKI FUJITSU COMPONENTS LIMITED Head Office. We have treated it by adjustment of operating time of sewage treatment tank blower. We confirmed that there was no influence on neighborhood.
Please refer individual site’s report for details.

**Environmental and Social Contribution**
Each site took action depending on their situation, such as local cleanup activities, donation of vaccine through PET bottle cap collection, donation of used stamps for reforestation in Tanzania. Engineering & Development Center cultivated sweet potatoes as a measure of air conditioner usage saving in SHINANO FUJITSU COMPONENTS LIMITED. We have treated it by adjustment of operating time of sewage treatment tank blower. We confirmed that there was no influence on neighborhood.

**Efforts in Biodiversity Conservatory**
Each site took action to the best of their ability, such as holding lectures on biodiversity conservatory, joining the lectures, animals/plants habitat inspection in the area, forest thinning operation, extermination of harmful alien plants, etc. CHIKUMA TSUSHIN INDUSTRY CO., LTD. participated “habitat distribution inspection of familiar creatures” hold by the government. MIYAZAKI FUJITSU COMPONENTS LIMITED conducted weeding without bug killer or chemical herbicides.
### FY2010 Targets and Achievements (Group Total)

#### FY 2010 Targets and Achievements (First year of the 5th Stage – Group Total)

<table>
<thead>
<tr>
<th>Item</th>
<th>Aim</th>
<th>Target</th>
<th>Result</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement of environmental value of products and services</td>
<td>More than 30% of newly developed Green Products shall be Super Green Products by the end of FY2012.</td>
<td>Develop at least 1 Super Green Products. 3 Super Green Products.</td>
<td>Achieved in all products.</td>
<td>Done</td>
</tr>
<tr>
<td>Enhancement of own environmental load reduction plan</td>
<td>Establish calculation method of eco-efficiency factor and LCA, and achieve the factor of 1.2 on the newly designed Green Products compared with FY2008 products by the end of FY2012.</td>
<td>Establish calculation method of eco-efficiency factor and LCA, and achieve the factor of 1.2 on newly designed Green Products compared with FY2008 products by the end of FY2012.</td>
<td>Achieved in all products.</td>
<td>Done</td>
</tr>
<tr>
<td>Promotion of environmental &amp; social contribution activities</td>
<td>Provide the education of biodiversity conservatory for diffusion and edification at each site.</td>
<td>Conduct investigation on all suppliers.</td>
<td>100% (objective 133 suppliers)</td>
<td>Done</td>
</tr>
<tr>
<td>Promotion of biodiversity conservatory activities</td>
<td>Reduce priority chemicals specified by each business unit not exceeding 6.32kg, 30% reduction from the FY2007 result (9.038kg) by the end of FY2012.</td>
<td>Reduce priority chemicals specified by each business unit not exceeding 6.32kg, 30% reduction from the FY2007 result (9.038kg) by the end of FY2012.</td>
<td>Done</td>
<td></td>
</tr>
<tr>
<td>Reduction of waste not exceeding 875t, 10% reduction from the FY2007 level (973t), by the end of FY2012.</td>
<td>Reduce generation of waste not exceeding 875t, 10% reduction from the FY2007 level (973t), by the end of FY2012.</td>
<td>Held it down to below 851t in the Group. 763t (Reduced 21.6% from FY2007)</td>
<td>Done</td>
<td></td>
</tr>
</tbody>
</table>

#### FY2011 Targets (Second year of 5th Stage – Group Total)

<table>
<thead>
<tr>
<th>Item</th>
<th>Aim</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement of environmental value of products and services</td>
<td>More than 30% of newly developed Green Products shall be Super Green Products by the end of FY2012.</td>
<td>Develop at least 7 Super Green Products.</td>
</tr>
<tr>
<td>Enhancement of own environmental load reduction plan</td>
<td>Establish calculation method of eco-efficiency factor and LCA, and achieve the factor of 1.2 on the newly designed Green Products compared with FY2008 products by the end of FY2012.</td>
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### Status of Environmental Laws Compliance

#### FY2010 Targets and Achievements (Group Total)

#### FY2011 Targets (Second year of 5th Stage – Group Total)

<table>
<thead>
<tr>
<th>Item</th>
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<td>More than 30% of newly developed Green Products shall be Super Green Products by the end of FY2012.</td>
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</tr>
<tr>
<td>Establishment of calculation method of eco-efficiency factor and LCA, and achieve the factor of 1.2 on the newly designed Green Products compared with FY2008 products by the end of FY2012.</td>
<td>Establish calculation method of eco-efficiency factor and LCA, and achieve the factor of 1.2 on newly designed Green Products compared with FY2008 products by the end of FY2012.</td>
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<td>Provide the education of biodiversity conservatory for diffusion and edification at each site.</td>
<td>Conduct investigation on all suppliers.</td>
</tr>
</tbody>
</table>

### Environmental Load Data

#### Environmental Load Data (Group Total)

- **CO2 Emissions (unit: t-CO2)**
  - FY2007: 18,180
  - FY2008: 18,699
  - FY2009: 16,406
  - FY2010: 15,096
  - FY2011: 16,395

- **Wastes (unit: tonne)**
  - FY2007: 3,000
  - FY2008: 3,000
  - FY2009: 8,000
  - FY2010: 10,000

#### Water Usage (unit: km³)

- **Ground water**
  - FY2007: 308
  - FY2008: 351
  - FY2009: 270
  - FY2010: 249
  - FY2011: 277

- **Tap water**
  - FY2007: 166
  - FY2008: 165
  - FY2009: 137
  - FY2010: 162
  - FY2011: 161

#### Electric Power Consumption (unit: MWh)

- FY2007: 39,214
- FY2008: 40,937
- FY2009: 36,375
- FY2010: 33,659
- FY2011: 35,658

**Note)** Non-target LPG in cafeteria is included in FY2009.