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Eco-services

- i Product related services
- ii Reuse and recycling services
- iii Management related services
- iv Others



Eco-services No.001

Product related services

Green Gifts

Present Tree

VIVO Corporation Co., Ltd

3-5-4, TANASHICHO, NISHITOKYO-SHI, TOKYO, 188-0011 Japan

Tel; 81-424-65-7563 Fax; 81-424-65-7241

E-mail; info@vivo.jp

URL; <http://env-r.com/tree>

Category:

- A1. Global Warming
- B6. Environmental Purification
- C1. Materials Extraction
- A5. Resource Consumption
- B5. Energy Saving

Present Tree is present that delivers an owner certificate for the planted tree with a message card. Trees will be planted for the reproduction of tropical forests in the Kalimantan island. You can have two planted trees. One of the trees is planted for recovering tropical forest. The other is a Teak, and this afforestation enables the sustainable supply of woods, and creates the employment of locals. Ten years later, the Teak will be cut down, and saled. The income of the Teak will be paid to the owner. The income will also able to be used for reforestation, or the environment conservation activity. As another privilege, CO₂ offset certificate is attached to Present Tree. The planted tree will become forest and that will absorb carbon dioxide. It contributes prevention of global warming. The owner certificate is described with the owner's name, and the latitude and the longitude of the position where the Teak sapling is afforested, that is measured by the GPS (Grobal Positioning System).



Products/Model :

[Present Tree] contents

Eco-services No.002

Reuse and recycling services

Personal computers

HITACHI Recycle Service for PC

HITACHI Recycle outline (Service only in Japan)

2-2-1 Ohte-machi, Chiyoda-ku, Tokyo, 100-0004 Japan

Tel; 0120-12-5006 Fax;

E-mail; anky@ebina.hitachi.co.jp

URL; <http://www.hitachi.co.jp/pc-recycle/> (Japanese Only)

Category:

- A4. Waste
- C6. End-of-Life

Let's recycle the personal computer which became unnecessary! Consultation is to "HITACHI Recycle Hotline"! Revised recycling law (April, 2001 enforcement, ministerial ordinance enforcement in October, 2003) correspondence. The recovery recycling system of the national scale based on approval of the broader based specification system and the broader-based authorization system of the Act of Disposal of WasteMatter. Reuse and recycle what was discarded until now and promote effective use of resources. Cut down the amount of the last disposal (reclamation).



Products/Model :

HITACHI Recycle Service for PC

Eco-services No.003

Reuse and recycling services

Recycling systems

Promoting product reuse business

NEC Corporation

7-1, Shiba 5 cho-me, Minato-ku, Tokyo, 108-0014 Japan

Tel; 81-3-3798-6617 Fax; 81-3-3798-9186

E-mail;

URL; <http://www.nec.co.jp/>

Category:

- B2. Longevity
- B3. Resource Saving
- B7. Usage of Recycled Materials
- C6. End-of-Life

NEC started purchasing and resell services for the end-of-life products from our customers. Customers can easily contact NEC for estimation through website. Once NEC purchased products from customers, we deleted all the data of PCs, cleaned the products and installed new softwares. After all the processes finished, NEC sell these second hand product named as "NEC Refreshed PC" with six-month quality assurance and customers can have support services for these products as same as new ones.



Products/Model :

NEC Refreshed PC, "ValueStar"

Eco-services No.004

Reuse and recycling services

Recycling systems

Promoting sustainable business for ADSL modems

NEC Corporation

7-1, Shiba 5 cho-me,. Minato-ku, Tokyo, 108-0014 Japan

Tel; 81-3-3798-6617 Fax; 81-3-3798-9186

E-mail;

URL; <http://www.nec.co.jp/>

Category:

- A4. Waste
- B1. Recyclability
- B3. Resource Saving
- B7. Usage of Recycled Materials
- C6. End-of-Life

Telecommunication carriers used to sell, take-back, store, repair and deliver the rental products, however as extended producers' responsibility, NEC created self-directed take-back and recycling systems for ADSL modems. This can ensure that our products are to be returned to us, which enables us to recycle the products 100% and also to improve the recyclable design with usage of recycled parts.



Products/Model :

Aterm WD701CV

Eco-services No.005

Reuse and recycling services

Cleaning tools

TC Wiper Cloth and Absorbance Kits

Tex Cycle Sdn. Bhd

No. 8, Jalan TPK 2/3, Taman Perindustrian Kinrara, Puchong, Selangor
47100 Malaysia

Tel; 681-3-8076 3816 Fax; 681-3-8076 3817

E-mail; texcycle@po.jaring.my

URL; <https://www.texcycle.com.my>

Category:

- B1. Recyclability
- B2. Longevity
- B3. Resource Saving
- B7. Usage of Recycled Materials

Tex Cycle is a company that specializes in recycling and recovery of scheduled waste. We have our very own in-house laundry and wastewater treatment plant. Tex Cycle also manufactures new reusable products such as absorbent booms, pillow and wiper cloths. TC wiper cloth is made of 100% cotton and is biodegradable. Once contaminated, they are washed using environmentally friendly additives. The treated water from the wastewater treatment plant used during the washing is heated using solar energy. TC product lines are specially designed to withstand the toughest form of industrial punishments. They are strong, high absorbance level, easy to use and they are all environmentally friendly products. Even the packing of these products is done using tapioca based biodegradable plastics. TC products are manufactured in bulk to meet user's requirements at minimum cost.



Eco-services No.006

Management related services

Industrial organic chemicals

Green Procurement and Chemical Substance Management System

Hitachi, Ltd.

6-27-18 Minami-Ohi, Shinagawa-ku, Tokyo, 140-0013 Japan

Tel; 81-3-5471-2382 Fax; 81-3-5471-2877

E-mail; ecoinfo@system.hitachi.co.jp

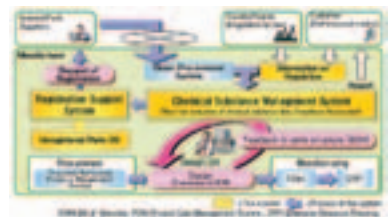
URL; http://www.hitachi.co.jp/products/ts_env/ (Japanese Only)

Category:

- A3. Hazardous Substances
- C3. Design and Material selection

Realizing Efficient Green Procurement and Design for Environment. Facilitates data collection by introducing the system in green procurement operation withsuppliers. Realizes efficient management to comply with chemical product policy, such as RoHS¹⁾ Directive. Tabulates a part or a product chemical content, and evaluates each product's conformity withregulation. Facilitates cilitates green procurement by automatically requesting registration of chemic information.

1) EU Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.



Products/Model :

Green Procurement

Eco-services No.007

Management related services

Monitor and control equipment

Energy-Saving Service Solution [HDRIVE]

Hitachi, Ltd.

1-18-13 Soto-Kanda, Chiyoda-ku, Tokyo, 101-0021 Japan

Tel; Fax;

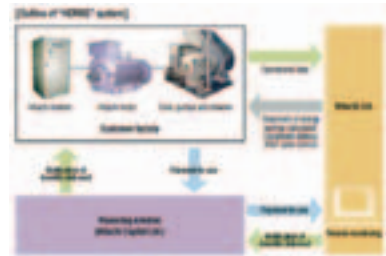
E-mail; project_hdrive@pis.hitachi.co.jp

URL; <http://www.hitachi.co.jp/Div/hitachi/inv/hdrive/> (Japanese)

Category:

- A5. Resource Consumption
- B5. Energy Saving
- C5. Product Use, Maintenance and Repair

"HDRIVE", is a service that helps industrial customers conserve energy without paying any initial costs. Hitachi offers to install inverters and high-voltage motors in fans, pumps and blowers at customer facilities free of charge, for equipment in which energy-saving can be expected. Under a ten-year contract, a fixed percentage of the cost savings generated from monthly energy savings is applied as a service charge. The amount of energy saved is calculated from the equipment's operating data, measured by monitoring device. HDRIVE also offers a new financing approach that emphasizes the customer's cash-flow and helps reduce investment risks when customers change their operations.



Products/Model :

Outline of Energy-Saving Service Solution

Eco-services No.008

Management related services

Air conditioning and household equipment

OH SAVER (Optimized HVAC Control System For Energy Saving)

Hitachi Plant Engineering & Construction Co., Ltd.

2-11 Kanda-Nishikichou, Chiyoda-ku, Tokyo, 101-0054 Japan

Tel; 81-3-5281-0131 Fax; 81-3-5281-0139

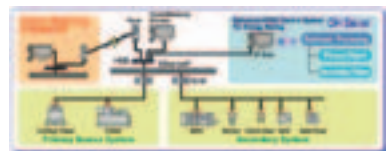
E-mail; a-sales@hitachiplant.co.jp

URL; <http://www.hitachiplant.hbi.ne.jp>

Category:

- A5. Resource Consumption
- B5. Energy Saving
- C5. Product Use, Maintenance and Repair

Total system parameters are simulated to obtain the highest energy saving. 20% Energy saving (cooling season) was achieved by shifting from individual component control to total HVAC System control. Hitachi Experiment Energy saving is realized without changing any existing HVAC equipments. Object oriented software design resulting in flexible adjustments of system components or parameters, i.e., heat source, AHU etc.,



Products/Model :

OH SAVER

Eco-services No.009

Management related services

Electrical machinery, equipment and supplies, n.e.c.

ESCO (Energy Service Corporation)

Hitachi, Ltd. Company : Energy Solution Service Division

1-18-13 Soto-Kanda, Chiyoda-ku, Tokyo, 101-0021 Japan

Tel; 81-3-4564-4302 Fax; 81-3-4564-4149

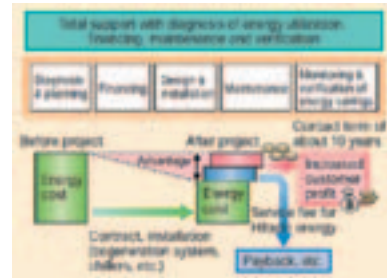
E-mail; esco_hitachi@pis.hitachi.co.jp

URL; <http://www.hitachi.co.jp/ESCO/index.html>

Category:

- A1. Global Warming
- A5. Resource Consumption
- B5. Energy Saving

Comprehensive Energy Solution Service. The service includes energy saving diagnosis, energy saving proposal, equipment installation, finance, and maintenance as comprehensive services for energy savings. Effectively reduction of CO₂ emission, energy costs, and capital assets. No investment for installation of energy saving system, repairing those equipments. Hitachi promotes a totally supporting energy saving business, for instance, air conditioning, lighting, power generation, and optimization of systems.



Products/Model :

ESCO (Energy Service Corporation)

Eco-services No.010

Management related services

Information recording

ECOrates - The Integrated Environmental Information System

Mitsubishi Electric Corporation

2-2-3 Marunouchi, Chiyoda-ku, Tokyo, 100-8310 Japan

(after 07/Nov./2005 it will be changed to 2-7-3)

Tel; 81-3-3218-9024 Fax; 81-3-3218-2465

E-mail; eqd.eco@hq.melco.co.jp(eqd.eco@pj.MitsubishiElectric.co.jp (after 7/Nov./2005))

URL; <http://www.MitsubishiElectric.co.jp/corporate/eco/index.html>

Category:

- A1. Global Warming
- A3. Hazardous Substances
- A4. Waste
- A2. Air Pollution
- A5. Resource Consumption

The massive amount of data involved in administrative and managerial issues related to the environmental management business requires the utilization of various information systems. To improve the efficiency of its environmental management activities, Mitsubishi Electric has developed and introduced an integrated environmental information management system designed to promote the achievement of environmental action objectives throughout the group.



Products/Model :

ECOrates

Eco-services No.011

Management related services

Consulting Service

Consulting service for geothermal and hydraulic power generation

Mitsubishi Materials Corporation Geothermal & Electric Power Center
 1-297, Kitabukuro-cho, Omiya-ku, Saitama-shi, Saitama, 330-8508 Japan
 Tel; 81-48-641-5624 Fax; 81-48-641-5632
 E-mail;
 URL; <http://www.mmc.co.jp/english/business/energy.html>

Category:

- A1. Global Warming
- A5. Resource Consumption
- B1. Recyclability
- C1. Materials Extraction

Mitsubishi Materials have long been actively involved in the development and utilization of renewable energy sources, such as geothermal and hydraulic energy, taking advantage of the technology we have acquired in the underground resources business. We have six hydroelectric power plants (approx.17MW total) and two geothermal power plants : the Ohnuma Geothermal Power Plant (9.5MW:since1974) and the Sumikawa Geothermal Power Plant (50MW:since1994), operating at Akita Prefecture in Japan. These power plants generate clean electric power of around 565,000MWh per year. Geothermal power generation utilizes steam energy extracted from underground by drilling wells as deep as 2,000 meters. It requires specialized techniques and technology to utilize effectively this kind of high temperature-underground resources in all stages of site survey, drilling, and maintenance of output power. We have acquired the necessary techniques and technology through our direct involvement in developing and operating our two geothermal power plants. With this experience, we are actively participating in geothermal area surveys and technological development projects at home and abroad.



Products/Model :

Ohnuma Geothermal Power Plant (9.5MW)

Eco-services No.012

Management related services

Manufacturing products, n.e.c.

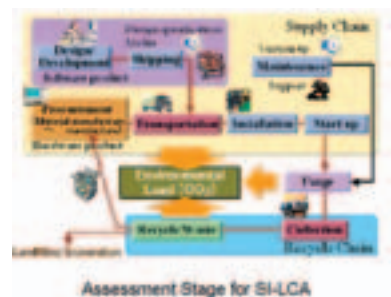
System Integration Life Cycle Assessment SI-LCA

Hitachi, Ltd. Information and Telecommunication Systems
 6-27-18 Minami-Ohi, Shinagawa-ku, Tokyo, 140-0013 Japan
 Tel; 81-3-5471-2745 Fax; 81-3-5471-2746
 E-mail; m-tani@itg.hitachi.co.jp
 URL;

Category:

- A1. Global Warming
- A2. Air Pollution
- A3. Hazardous Substances
- A4. Waste
- A5. Resource Consumption

Quantities evaluation technique about the environmental load of a System & Service product. The environmental load by introduction of a System & Service product is converted into the amount of CO₂ emission, and quantitative evaluation is possible. The life cycle of a System & Service product is evaluated on ten steps of stages which equipment manufacture, usage, collection, recycle, waste, etc. defined from a design and development of software. Calculation of the employment cost and environmental load cost accompanying systems development or introduction is possible.



Products/Model :

SI-LCA

Eco-services No.013

Others

Conveyers and conveying equipment, and parts, attachments and accessories

Eco-friendly total logistics service

Hitachi Industries co., Ltd

9-7 Ikenohata 2-chome, Taito-ku, Tokyo, 110-0008 Japan

Tel; 81-3-5814-5611 Fax; 81-3-5814-5627

E-mail;

URL; <http://www.hitachi-hic.com>

Category:

- A1. Global Warming
- A5. Resource Consumption
- B5. Energy Saving

Ocean gateway will support your logistics for the less CO₂ emission. We Hitachi Futo Co. Ltd is pleased to offer the total logistic solution such as, To minimize the CO₂ emission by utilizing the nearest port for North Kanto Province. To offer the global logistics service from the small items to giant items with reasonable cost. To transport and store the customer's commodities in the safe Ibaraki area where has no active fault.



Products/Model :

Eco-friendly total logistics service

Eco-services No.014

Others

Transportaiton Service by Rail

Environmentally Friendly E231 Series

East Japan Railway Company

2-2, Yoyogi 2-chome, Shibuya-ku, Tokyo, 151-8578 Japan

Tel; 81-3-5334-1122 Fax;

E-mail; 01staff89@jreast.co.jp

URL; <https://www.jreast.co.jp/>

Category:

- A1. Global Warming
- B1. Recyclability
- B4. Higher Quality
- B5. Energy Saving
- C3. Design and Material selection

The E231 series reduces operational energy consumption by 50% compared to that of the 103 series, and in terms of weight, 90% of the E231 series railcar can be recycled. Servicing the Yamanote, Takasaki, Utsunomiya, and other metropolitan lines, the E231 series currently realized the most environmentally friendly design.



Products/Model :

E231 series run on the Utsunomiya line

Eco-services No.015

Others

Insurance

Weather Protection: Weather Derivatives/Insurance, Wind Speed

Tokio Marine & Nichido Fire Insurance Co., Ltd.
 2-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-8050 Japan
 Tel; Fax;
 E-mail;
 URL; <http://www.tokiomarine-nichido.co.jp/>

Category:

- A1. Global Warming
- A5. Resource Consumption
- B4. Higher Quality
- C4. Product Manufactures
- C5. Product Use, Maintenance and Repair

Ecology-related industries have a great risk of setting up and managing business due to that their operations and performance depends on weather phenomenon and climatic aberration. We support a variety of business ventures and operations by having risk-transfer products, weather derivatives and weather insurance assume a part of this risk. Example : "Wind Condition Protection" for wind power generation utilities.



Products/Model :
 Pamphlet (Weather Derivatives)

Eco-services No.016

Others

Environmental management supporting system

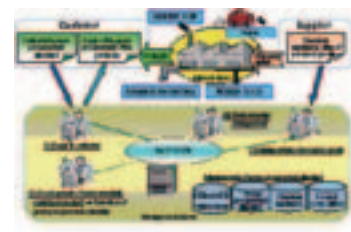
environmental management supporting system Eco 倶楽部

TOSHIBA CORPORATION Industrial and Power Systems & Services Company
 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, 105-8001 Japan
 Tel; 81-3-3457-3626 Fax; 81-3-5444-9188
 E-mail; ecoclub@hby.toshiba.co.jp
 URL; https://www.toshiba.co.jp/efort/product/eco/index_j.htm

Category:

- A3. Hazardous Substances
- B6. Environmental Purification
- C2. Material and Components Production
- C3. Design and Material selection
- C4. Product Manufactures

This software enables the user to perform the integrated management of RoHS (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment) directives of EU that will be effective in July 2006 and the chemical substances specified by JGPSSI (Japan Green Procurement Survey Standardization Initiative) that is a domestic standardization organization. This product is equipped with the data of more than 3,000 chemical substances that are the target of environment-related laws, and allows step by step survey for efficient recovery by setting the priority of the chemical substances to control. When requested the management of substances by the different method for each customer, the software can easily perform the aggregate management for each supplier and easily judge and report whether the own product is compatible with the customer's procurement condition or not.



Products/Model :
 Chemical Substance Management by Eco 倶楽部