

Developing Super Green Recycling

Sharp is engaged in the recycling of various used products in line with three concepts: 1) improve the recycling rate and aim for zero landfill disposal, 2) improve the efficiency of the recycling system to reduce recycling costs, and 3) incorporate recycling technologies into the development and design of products.

Objectives for Fiscal 2005	Achievements	Objectives for Fiscal 2006	Objectives for Fiscal 2008
● Begin smooth operation of recycling systems in Europe	→ Began operation from countries that have established recycling systems	● Strengthen domestic recycling of home appliances	● Global development of recycling technologies

Recycling Four Kinds of Home Appliances (Air Conditioners, TVs, Refrigerators and Washing Machines)

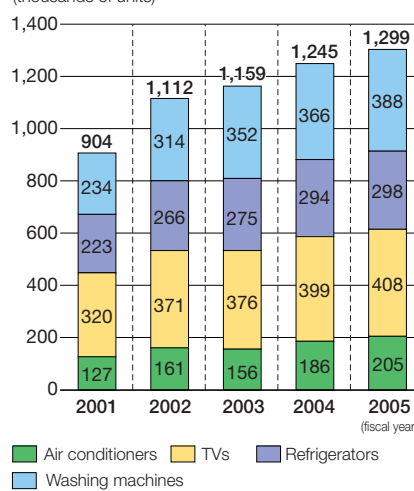
Sharp is constructing a highly efficient recycling system by collaborating with five other consumer electronics companies* to establish and operate 190 designated sites for picking up old appliances and 16 sites for recycling in Japan.

In fiscal 2005, four types of home appliances designated under the Japanese Home Appliances Recycling Law, about 1.3 million units in total (up 4% over the previous year), were recovered and recycled. The processing rates in the recycling plants satisfied the legal standard for all four kinds of appliances.

In future, Sharp will improve its system in response to changes in conditions, such as an increase in the amount of products disposed of, and will work to further improve the processing rate.

* Five companies: Fujitsu General Ltd., Hitachi Appliances, Inc., Mitsubishi Electric Corporation, Sanyo Electric Co., Ltd., Sony Corporation (in alphabetical order)

■ Sharp Corporation's recycled units for the four home appliances (thousands of units)



Recycling PCs

In compliance with the Japanese Law for Promotion of Effective Utilization of Resources, Sharp is recycling used PCs from both corporate users and general households.

For home-use PCs, the PC industry is working with Japan Post in a recovery system using special parcel packages called "Yu Packs" available at more than 20,000 post offices around Japan.

In fiscal 2005, recovered and recycled PCs amounted to approximately 3,600 business-use and home-use desktop and notebook PCs and about 1,900 monitors, an increase of 57% and 19%, respectively, over the previous year.

Reusing and Recycling Copiers

Sharp is promoting reuse and recycling of used copiers and toner cartridges. A portion of the collected copiers is remanufactured: copiers are disassembled, cleaned and tested before being put back into the production line. New parts are also added to produce copiers with a guarantee of performance and quality equal to new products.

In fiscal 2005, approximately 26,700 copiers (16% more than the previous fiscal year) were recovered, and 476 units (down 42% from the previous fiscal year) were remanufactured and shipped.

Approximately 505,000 toner cartridges (18% more than the previous fiscal year) were recovered, and about 249,000 remanufactured toner cartridges (1% more than the previous fiscal year) were shipped.

Models and parts not targeted for reuse are sorted by material so that they can be recycled.

■ Sharp Corporation's recycling rates for the four home appliances (fiscal 2005) (%)

	Air conditioners	TVs	Refrigerators	Washing machines
Recycling rate	85	75	68	75
Legal standard	60	55	50	50

Overseas Topics

Europe

In EU member states, following the enactment of the Waste Electrical and Electronic Equipment (WEEE) Directive in February 2003, industry associations and other organizations are constructing collective recycling systems, with Sharp's local subsidiaries participating in the construction.

In Germany, Sharp's sales subsidiary SEEG, in cooperation with Loewe AG and Philips Consumer Electronics, has established the "ProReturn" recycling system to promote rationalization of recovery and recycling, as well as cost reduction.

United States

Sharp's US sales subsidiary SEC has been participating in the "Plug-In To eCycling" program promoted by the Environmental Protection Agency in various regions of the US since 2002. In 2005, SEC supported 155 recycling events, contributing to recycling of used home appliances across America. In recognition of these continuing activities, SEC was honored by the Environmental Protection Agency for the fifth consecutive year.



SEC cooperating in "Plug-In To eCycling"