Search ▲ To Table of Contents

Top Message

Interview to Head of Corporate Environmental Strategy Unit

Special Feature: The Power of ICT

Fujitsu Group Environmental Action Plan Stage VII

Chapter I Chapter II Contribution to Society lucina Our Environmental Burde

Environmental Management

Data Overview

Reducina Greenhouse Gases (GHG) Emissions and Boosting Energy Intensity at Our Business Sites

Promoting Environmentally Conscious Datacenters

Reduce CO₂ Emissions from Logistics and Transportation

Promotina CO₂ Emission Reductions with Our **Business Partners**

Increasing Amounts of Renewable Energy Used

Efficient Use of Water Resources

Reducing Chemical Substances Emissions Limiting Amounts of Waste Generated

Product Recyclina

Product Recycling

Our Approach

The Fujitsu Group's product recycling programs are based on our belief in Extended Producer Responsibility (EPR) and Individual Producer Responsibility (IPR). EPR holds that producers bear responsibility for products not only at the design and manufacturing stages, but also at the disposal and recycling stages, while IPR holds that producers bear responsibility for their own products. IPR is a major challenge for the Fujitsu Group in expanding our business globally, but we believe that responding to this challenge, and that of EPR, in collaboration with industry associations and governments will enable us to help create a recycling-minded society in which the requirements and demands of all stakeholders are met.

Given this understanding, the Fujitsu Group carries out recycling programs that comply with the waste disposal and recycling laws and regulations of the various countries in which it operates. As an authorized operator under the Industrial Waste Wide-Area Recycling Designation System based on Japan's Act for Promotion of Effective Utilization of Resources, Fujitsu accepts industrial waste for appropriate processing at Fujitsu recycling centers across Japan. Furthermore, following our belief in IPR, we also try to do as much collection, reuse and recycling as we can, even in countries where recycling is not obligatory.

Summary of FY 2013 Achievements

Targets under the Fujitsu Group Environmental Action Plan (Stage VII)

(toward FY 2015)

% resource reuse Maintain over JU rate of business ICT equipment at Fujitsu recycling centers.

FY 2013 Performance Achieved resource reuse rate of business ICT equipment at Fujitsu recycling centers

overseas 95.3%

FY 2013 Performance and Results

Promoted Recycling of ICT Products in Each Country

The Fujitsu Group carries out recycling in Japan, EMEA (Europe, the Middle East, Africa), the Americas (the United States, Canada, and Brazil), and Asia (Singapore, the Philippines, Australia, Hong Kong, Taiwan and South Korea). In Japan, we have built a recycling system that covers the entire country. While ensuring thorough traceability and security, we are steadfastly implementing Extended Producer Responsibility by providing safe and secure services that achieve high resource reuse rates. We also partner with recycling companies near our hubs outside Japan to promote recycling of ICT products.

Achieved a 90% or Higher Reuse Rate

We processed 5,035 tons of recycled ICT products (used ICT products for business applications) from corporate customers and achieved a resource reuse rate of 91.3%. Also, we have now collected a total of 98,549 end-of-life PCs from individual customers.

Fujitsu Integrated Recycling Process

Customer Recycling center Plastic raw materials Crushina Plastic parts End-of-life ABS, PS, and PC ICT products Polystyrene Conversion to compact pallets Regenerated Products and others Plastic films and bags PE, PP, PS and pallets shock-absorbing materials Foamed plastic Blast furnace reduced Mixed plastics Covers (with metal parts) (steel plants) → Metal parts Compressing and compacting Steel, Metals stainless steel, aluminum, copper (metal parts Cables, hard disks and cases manufacturers) Wire and cables Precious metal recovery Printed circuit Materials that include precious metals board connectors CPUs, ICs, motherboards (refining plants) Crushing and reduction Glass materials Displays LCD glass, CRT glass (glass manufacturers)

Trends in Resource Reuse Rates of End-of-Life Business ICT Products

FY	2010	2011	2012	2013
Resource reuse rate* (%)	90.6	90.9	91.5	91.3
Amount processed (tons)	6,406	5,487	5,297	5,035

^{*} Weight percent ratio of recycled parts and materials to end-of-life products

Trends in Numbers of End-of-Life PCs Collected from Individual Customers

FY	2010	2011	2012	2013
End-of-life PCs collected (units)	74,231	83,358	85,381	98,549

FY 2014 Targets and Plans

Strive to Continually Achieve Our Targets

Going forward, we will strive to maintain a 90% or higher resource reuse rate for business ICT equipment at our Fujitsu recycling centers, and will drive forward our domestic and overseas recycling programs.