

# Fujitsu Environmental Protection Program (Stage II, Summary)

## Employing creativity and technologies to harmonize human activities with the global environment

The Fujitsu Environmental Protection Program (Stage II) announced in April 1996 defines concrete numerical targets for the implementation of “Fujitsu’s Commitment to the Environment” at every plant and office. All targets have been achieved in five years. The table below specifies the targets and results achieved in fiscal 2000.

### Targets

Item	Target	Fiscal 2000		See page
		Target	Result	
<b>Environmental Management System</b>	Establish and implement environmental management system in plants and offices (including development and service) based on the ISO standard by the end of fiscal 2000	—*1	—*1	11
<b>Product Recycling</b>	Attain a recycling rate of 90% on collected waste products by the end of fiscal 2000	90%	92% (achieved)	19
<b>Industrial Waste Cuts</b>	Industrial waste output to be cut 80% by the end of fiscal 2000 based on fiscal 1991 results	88% reduction*2	93% reduction (achieved)	25
<b>Reduction of Release of Chemicals</b>	Release of chemicals to be cut 20% by the end of fiscal 2000 based on fiscal 1995 results	20% reduction	25.6% reduction (achieved)	27
<b>Energy-saving Measures (against global warming)</b>	Sales-based electricity consumption per unit to be cut 20 to 30% by the end of fiscal 2000 based on fiscal 1990 results	40% reduction*2	40.1% reduction (achieved)	29

\*1: Since targets have already been achieved, no target or result is mentioned for fiscal 2000.

\*2: Since the original industrial waste-cutting and energy-saving targets had already been met by the end of fiscal 1998, the targets for fiscal 2000 have been raised.

### Major Measures for Attaining Targets

#### Environmental Management System

- Attain ISO certification of 11 manufacturing sites and 4 development and service sites
- Establish and implement the system through arrangement of common specifications
- Evaluate and enhance environmental performance\*3

#### Product Recycling

- Establish 5 recycling centers; implement a Fujitsu recycling system
- Implement a system for re-using PC parts (for repairs)
- Implement Life-cycle Assessment (LCA)

#### Energy-saving Measures

- Introduce energy-saving technologies, such as waste heat recycling and inversion equipment
- Develop and install power consumption monitors
- Implement energy-saving technology and know-how in plants and offices

#### Industrial Waste Cuts

- Make efficient use of desiccated sludge (cement raw material, copper recovery)
- Use mixed waste plastics as fuel
- Maintain and make practical use of waste reduction manuals and case study documents

#### Reduction of Release of Chemical

- Improve production line processes (usage avoidance, separation/recovery)
- Establish detoxification facilities (exhaust gases/wastewater) and functional improvements
- Avoid painting through expanded use of stainless materials