

## Fundamental Concepts for Environmental Conservation

Fuji has taken a fixed stance on the challenge of conserving the environment and the entire company is working hard so that the abundant and beautiful natural environment around us can be inherited by future generations. The fundamental concepts of Fuji's philosophy for conserving the environment are shown below.

### Fuji Machine Manufacturing Co., Ltd Environmental Plan

#### Basic Environmental Plan

Fuji Machine Manufacturing Co., Ltd recognizes that conservation of the environment is the most important issue common to all humanity and that corporate activity must consider environmental issues.

#### Action Agenda (7 commitments)

- 1. Fuji, whose main products are machines for automatic assembly of electrical components and tooling machines, will develop and produce these machines while carefully considering the environment.**
  - 2. We will make plans to continually improve our environmental management system and to prevent pollution.**
  - 3. We will comply with environmental regulation laws applied to this company and any other requests with which we agree.**
  - 4. In order to fulfill this environmental plan we will endeavor to periodically review the specified environmental purpose and aims.**
  - 5. We will reduce waste and implement the effective use of resources and energy in the workplace.**
  - 6. We recognize that we are located close to the Yahagi river water system and will endeavor to reduce hazardous substances to preserve the water system and its natural environment.**
  - 7. We will endeavor to keep all employees informed of the environmental plan by means of environmental education and internal publications.**
- Furthermore, we will proactively engage in communication concerning the environment with related government agencies, local residents and companies with which Fuji does business.**

Enacted September 1999; Revised July 2009

## Environmental Initiative Plan

To fulfill the environmental plan, an achievable long term goal (5 years) has been implemented. This “Five Year Environment Control Plan” is being promoted with the aim of achieving the goals established in the Action Agenda.

Furthermore, an “Annual Environment Goals for the Entire Company” has been established and environmental activities throughout the departments are being expanded with the goals for the current year based on the “Five Year Environment Control Plan”.

### List of environmental control for the 5 year plan (2006 to 2010)

No.	Activity	Department	Details of Initiative	Goal for 2010	Based on year
1.	Prevent global warming	Engineering (New Product Development)	Develop products that contribute towards reductions in carbon dioxide gas emissions and energy.	Develop eco-friendly products. Reduce electricity consumed per chip placement by 5% or more.	-
		Production	Promote efficiency in production (reduce energy usage).	Carbon dioxide emissions (*1) Reduce amount from entire company by 10.2% or more.	2005
		General Affairs	Promote reductions in energy usage, introduce low energy devices, and use alternate energy sources.		
		All (except above)	Promote energy-efficiency in the workplace (reduce energy usage).		
2	Reduce waste	Engineering (New Product Development)	Develop products that contribute towards reducing the amount of resources consumed.	Develop eco-friendly products. Create machines that are small and require little space, reduce waste material.	-
		Production	Promote resource recycling activities for production (low resource activities).	Reduce land-fill waste material amount for entire company by 50% or more.	2005
		General Affairs	Reduce land-fill waste by increased recycling with an outlook to zero emissions.		
		All (except above)	Promote resource recycling activities in the workplace (reduce resource usage)		
3	Reduce hazardous chemicals	Production	Eradicate the use of workplace materials that include substances prohibited by the company.	Reduce by 100% (achieved in 2008) (*2)	2006

Note 1: The carbon dioxide emissions from electricity, gas and oil based fuels (crude petroleum, kerosene and gasoline) used to run the company.

Note 2: This goal was achieved in 2008; therefore the goal for 2010 will be to maintain this level.

# Achieving the International Standard (ISO14001)

In May 2005, Fuji acquired the international standard ISO14001 which is an environmental standard established by the International Organization for Standardization. From hereon, we will continue to improve and modify our environmental management system and conduct environmental conservation activities while performing business activities with consideration for the environment.

ISO14001 (Environmental management system standard) certificate acquisition

Registration number: TUV 104 06 1265

Range of places covered by the registration

All sites (Head office, Okazaki and Fujioka)



## Education, Training and Awareness Activities

In order to create a better environment and to proceed with environmental conservation, it is vital to improve the awareness of each employee at Fuji. Therefore, because continual education of environmental issues is necessary, environmental education and training is being provided to show the extent of how much effect each individual has on the environment.

Activity Details for Education, Training and Awareness	Classification	Applicable Persons	Details of Education and Awareness
	New employees and general environmental education	All employees and members New and current employees	<ol style="list-style-type: none"> <li>1. Outline the environmental management system and environmental conservation activities (activities such as reducing energy, reducing resources and waste classification) at Fuji</li> <li>2. Consequences if we do not accomplish the important issue of complying with environmental procedures and the environmental plan.</li> <li>3. The role and responsibility of each individual with regards to the environmental management system including support for urgent matters</li> </ol>
	Specialist education (Certified qualifications for business education)	Employees faced with important environmental issues	Operation procedures, handling of chemicals and hazardous material, process for inappropriate actions, education awareness of procedures for emergency situations
		Internal environmental auditor	Acquire the necessary knowledge and provide practical training for internal environmental auditors
		Legally qualified people	Education and practical training that satisfies certified qualification conditions for legally qualified people
	Awareness activities	All employees and members	<ol style="list-style-type: none"> <li>1. Environmental policy, environmental manuals and each type of environmental procedures are available on the company website</li> <li>2. Establish an environmental area during the Fuji Festival</li> <li>3. Area cleanups</li> </ol>

Internal events to spread awareness of environmental issues



Promote environmental conservation using presentations

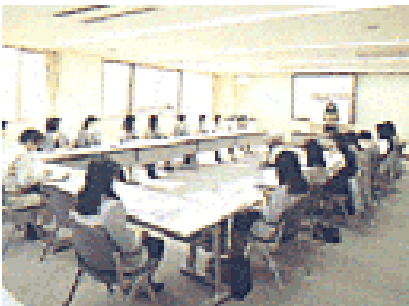


Exhibition of environmental equipment at the company



Acid rain area (actual experiment with pH)

Education of new employees



Environmental education during new employee training

## Reduction of Waste, Energy and Natural Resource Use

### Waste Reduction

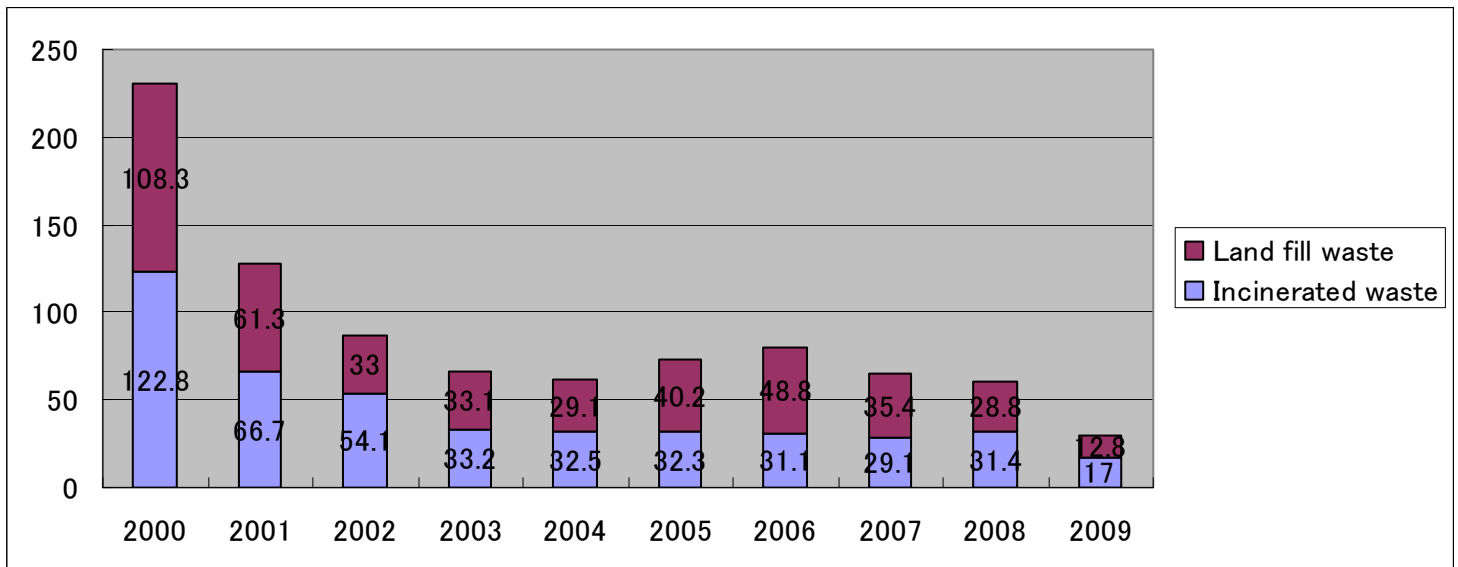
Fuji is proceeding with efforts to recycle waste by controlling waste removal, recycling and thorough separation and collection as a means to reduce the amount of land fill waste and incinerated waste.

Vast improvements have been made in the amount of waste recycled throughout the company from 75% in 2000 to 92.5% in 2009.

In April 2002, the Fujioka site stopped using the incinerator located there to prevent air pollution.

Amount of land fill and incinerated waste for the entire company

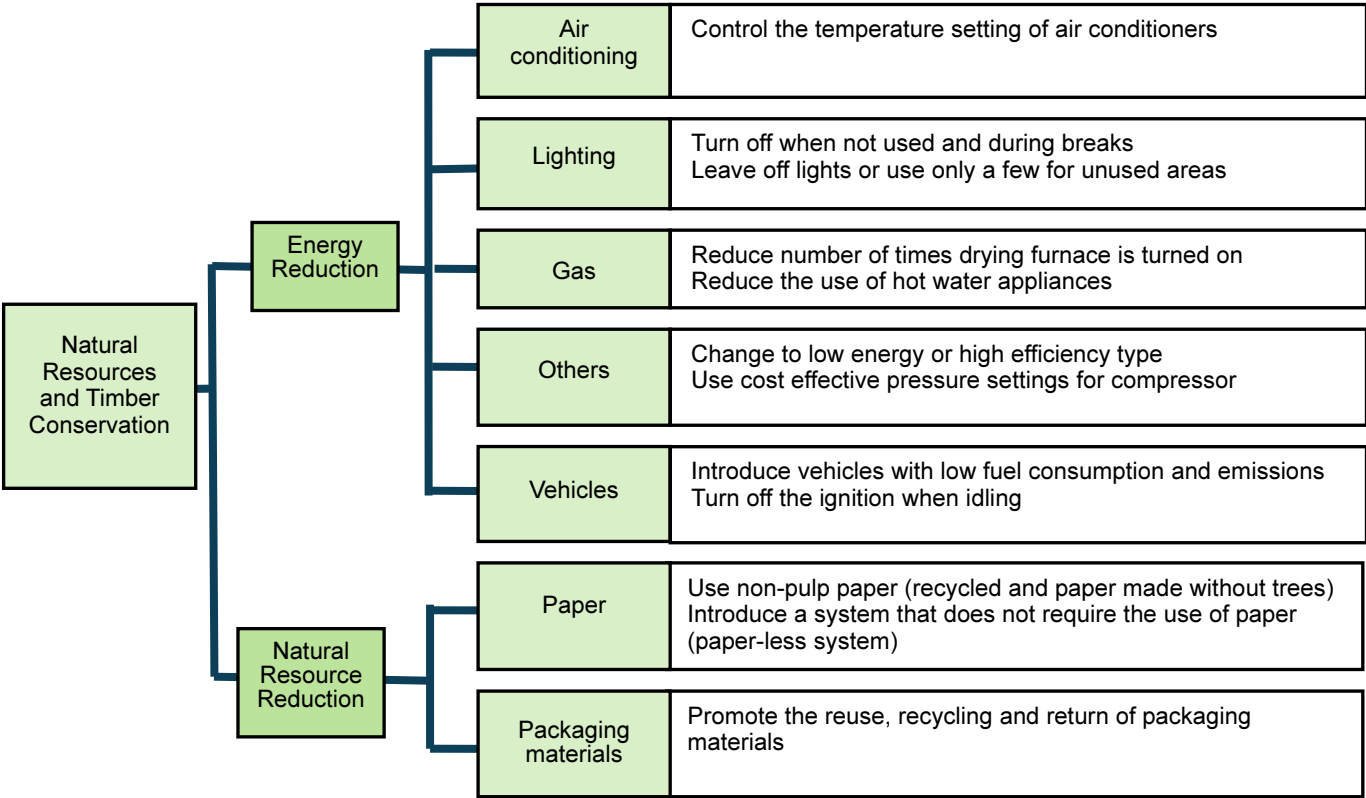
Units: metric tons



## Energy and Natural Resource Reduction

A standard has been specified for the use of electricity, gas and fuels (crude petroleum, kerosene and gasoline) and their related applications in the workplace. From 2004, an overall target figure for the amount of carbon dioxide emissions was specified and these numbers were provided in the “Five Year Environment Control Plan” as a means to achieving the environmental goals.

A standard has also been specified for use of natural resources such as paper used in the workplace (mainly copier paper) and materials used for packaging our products.



Materials made from steel are being used for packaging machines to cut down on timber and conserve forests.