

In 1995, Murata established its Environmental Charter, which spells out the basic environmental policy and action plan for the whole group. Murata is making a daily effort to put this commitment into practice.

Murata Group Environmental Policy

【Concept】

In the desire to contribute toward the realization of a truly rich human society, we develop superior materials and products, devise and maintain production activities, and supply products worldwide. However, we cannot deny that our production activities as well as our products themselves are unintentionally affecting the global environment. We fully acknowledge this impact on the global environment and are taking actions to reduce our environmental impacts as one of the important initiatives being put into practice as part of our Murata Philosophy and establishment vision. We will unite the efforts of our management organization, repeatedly work toward reducing our environmental impacts, and through management efficiency determine the points at which business and environmental interests converge.

【Corporate Environmental Policy】

1. We do not confine ourselves to the mere observance of environmental laws and regulations; rather, we seek to establish voluntary management standards and to improve our management standards regarding environmental protection.
2. We will strive to reduce the environmental impacts of our products.
 - 2-1 In our R&D and design activities, we will consider approaches that will minimize the environmental impact of our products.
 - 2-2 In cases where a product contains an environmentally hazardous substance, we will seek ways to reduce the amount used or incorporate a more benign substitute.
 - 2-3 In an effort to minimize the amount of packaging materials used with our products, we will adopt a "reduce, reuse and recycle" policy.
 - 2-4 We will develop procurement activities through which we will select materials that have minimal direct or indirect environmental impacts.
3. We will strive to reduce the environmental impacts of our business operations.
 - 3-1 To help prevent global warming, we will implement energy conservation and reduce greenhouse gas emissions.
 - 3-2 Where production processes make use of environmentally hazardous substances, we will seek ways to reduce the amounts used or incorporate more benign substitutes.
 - 3-3 We will aggressively seek to reduce, reuse and recycle wastes, and seek to minimize the amount of waste produced and conserve resources.
4. Through aggressive social initiatives, we will adopt environmental preservation activities in close contact with the local community and promote afforestation of corporate land according to a systematic long-term plan while working to improve the local environment.
5. While making all employees aware of the environmental policy, we will strive to raise employee awareness of higher environmental ethics. Moreover, we will develop timely and appropriate educational as well as public relations activities.
6. We will strive to become a corporation focused on environmental management and active public disclosure of our achievements in this area.
7. To implement each of the above action guidelines, we will establish and adopt our environmental action plan while continuously striving to improve our environmental performance.

Targets and Results for Fiscal 2005

Theme	Item	Targets for Fiscal 2005	Results from Fiscal 2005	Achievement
Environmental management	Enhancing environmental management system	Obtain ISO 14001 certification for Murata Head Office and Tokyo Branch (including sales divisions)	Murata Head Office and Tokyo Branch (including sales divisions) obtained ISO 14001 certification.	
		Determine method of allowing overseas subsidiaries to introduce environmental cost management systems.	Method established; overseas subsidiaries scheduled to introduce environmental cost management system in latter half of fiscal 2006.	
Supplying environmentally conscious products	Environmentally conscious designs	Compile ECO-R database.	Database completed in October 2005.	
		Survey life cycle assessment (LCA) data in major plants in Japan.	Surveys conducted in major plants in Japan to collect LCA data.	
	Reducing use of environmentally hazardous substances contained in products	Complete replacement of RoHS non-compliant products with RoHS-compliant ones, and terminate sales of non-compliant products.	RoHS non-compliant product replacement was completed and sales of non-compliant products were terminated. (Excluding when these products are supplied at the customer's request.)	
		Identify actual use conditions of halogenated flame retardants, and develop plan for their reduction.	Based on actual conditions identified, plan was drawn up for reducing use of halogenated flame retardants.	
	Managing information related to environmentally hazardous substances	Compile database for ASC/module products.	Discussions were held regarding the database; based on the outcome, the database was created and is to become operational within fiscal 2006.	
	Reducing use of packaging materials and conserving energy consumed in distribution	Reduce amount of packaging materials used per unit of net production in Japan by more than 17% compared to FY 2000 levels.	20% reduction achieved per unit of net production compared to FY 2000 levels.	
		Reduce CO ₂ emissions from physical distribution per unit of net production in Japan by more than 7% compared to FY 2000 levels.	18% reduction achieved per unit of net production compared to FY 2000 levels.	
	Green procurement	Prepare material green value study documents and relevant procedure manuals (for two overseas sites), taking into account local legislation and technological standards.	Green procurement procedure manuals drawn up at two overseas sites.	
Introduce green procurement system to domestic sites, so as to achieve 80% or higher green procurement ratio for office supplies.		Green procurement ratio at domestic sites reached approximately 91%.		
Eco-friendly business operations	Global warming prevention	Reduce CO ₂ emissions per unit of net production in Japan by more than 22.8% compared to FY 1990 levels.	30% reduction achieved per unit of net production compared to FY 1990 levels.	
	Resource conservation and waste reduction, reuse and recycling	Reduce total waste emissions per unit of net production in Japan by more than 20% compared to FY 2000 levels.	26% reduction achieved per unit of net production compared to FY 2000 levels.	
		Increase our material recycling rate in Japan to more than 85%.	Material recycling rate of 99% achieved.	
		Reduce water consumption per unit of net production in Japan by more than 10% compared to FY 2000 levels.	23% reduction achieved per unit of net production compared to FY 2000 levels.	
	Managing and reducing environmentally hazardous substances used in production processes	Reduce atmospheric emissions in Japan of PFCs (which contribute to greenhouse gases) by more than 30% compared to FY 2002 levels.	18% reduction achieved in atmospheric emissions of PFCs in Japan, compared to FY 2002 levels. By implementing countermeasures currently in design, we expect to achieve 71% reduction in fiscal 2006, as compared to FY 2002 levels.	×
		Reduce atmospheric emissions of VOCs (which contribute to generation of photochemical oxidants) and suspended particulates by more than 1% compared to FY 2000 levels.	We implemented measures, though as yet without much effect because we took time to discuss their feasibility. In FY 2006, these measures are expected to begin exerting their effects, and to achieve 22% reduction from FY 2000 levels.	×
	Risk management	Discuss and implement measures to accelerate remediation at five locations.	Measures implemented as scheduled.	
Social activities	Environmental communication	Continue to issue annual CSR report and release additional information more than two times per year via other media.	CSR Report 2005 published. At Murata website, section "Corporate Social Responsibility" was redesigned.	
		Establish procedures to create environmental reports on each site.	Procedures established for creating environmental reports on each site.	
	Community/social activities	Implement environmental education programs for elementary and junior high school children at Head Office.	Environmental education programs implemented at four elementary schools and two junior high schools.	
		Complete foundation work for biotope creation at Nagaoka Plant.	Foundation work not yet completed, since we took time to discuss and determine construction plan. Work is scheduled for completion in December.	×