

Results of voluntary environmental action plan in fiscal 2003 (in Kubota's plants)

Items	Goals	Main results in fiscal 2003	Evaluation
Providing environment-friendly products and services	Increasing environment-friendly products rate	 We manufactured a lot of environment-friendly products in five fields, determining goals. (See page 27.)	
	Increasing environmental performance by using products assessment, LCA and so on actively	 We implemented a LCA of Joukaso. (See page 27.)	
	Reducing used amount of chemical substances	 We completely abolished alternative chlorofluorocarbon gas for foaming in heat insulating material in automatic vending machines. We complied with an EU mandate for waste vehicles regarding engines for forklifts. (gradual reduction of lead, hexavalent chromium and so on contained in parts)	
	Products development with high performance in saving energy and resources	 Automatic vending machines: We reduced electric power consumption by 12% in the products of fiscal 2004 compared with that of fiscal 2003. Three-layered pipes using recycled foaming material: We used material containing waste products whose containing rate was 60% in these pipes.	
	Increasing green procurement area by clearing green procurement standards	 We implemented environmental load reduction activities in cooperation with the vendors of our each consolidated division, investigating their environmental activities. (Total numbers of companies are 49, 52 and 14 in farm and industrial machinery, environmental engineering and industrial infrastructure respectively.)	
Promotion of saving energy, reduction of greenhouse gas	Reducing energy unit requirement by 1% or more a year	 Reduced by 2.9% compared with fiscal 1998, Reduced by 9.3% compared with the previous year (achieved in six plants)	
	Reducing carbon dioxide emission unit requirement by 1% or more a year	 Reduced by 1.5% compared with fiscal 1998, Reduced by 8.0% compared with the previous year (achieved in six plants)	
	Reducing emitted amount of carbon dioxide under the level of fiscal 1990	 Reduced by 11.6% compared with fiscal 1990 (including subsidiaries)	
Zero emission	Promoting zero emission in amount of landfill waste	 Achieved in sixteen plants (Six more plants increased compared with the previous year.)	
	Reducing discharged amount of waste by generation control (10% or more compared with fiscal 2000)	 Reduced by 24.4% (compared with fiscal 2000, including subsidiaries)	
Chemical substances control	Suitable and constant control of chemical substances	 We have promoted controlling chemical substances using mass balance by workshop and by process.	
	Reducing emitted and transferred amount of designated chemical substances by 30% or more compared with fiscal 2000	 The total emitted and transferred amount of chemicals was reduced by 5.5% compared with fiscal 2002.	
PCB	Forbidding use of equipments containing PCB, and keeping them suitably	 Thirty-nine high-voltage equipments containing PCB, which were in use, were switched to suitable storage. (One-hundred-twenty-nine equipments are in use, and six-hundred-twenty-six equipments are in storage. Total number of equipments is 755.)	
	Finishing harmless treatment of PCB waste (by fiscal 2015)	 We have discussed the tendency of developing treatment technologies and installing treatment facilities. (We are promoting it by establishing an in-house project team.)	
Local and working environmental conservation	Aiming at no pollution accident as well as pollution accident prevention	 There were no environment-related accidents which affected outside environment of our company. We also confirmed the measures for trouble or emergency, and the measures for supposed serious risk by environmental audit.	
	Thorough control of hazardous substances such as dust and organic solvents and so on, and promotion of working environmental improvement	 The number of No3 control area of working environment decreased by eight and two in noise and hazardous substances respectively, compared with July 2002.	
Environmental management system	Expansion and maintenance of environmental management system such as ISO14001 and so on	 Renewed audit were finished in eight plants.	
Information disclosure	Disclosure area expansion and enrichment of information by environmental report and so on	 We realized to make it easily understandable to read, and realized expansion of range of information.	
	Good communication with stakeholders in local society	 We implemented "a review of environmental report" by a third party. We compiled the site reports in our two plants.	
Education and awareness	Promoting environment-related education and awareness for our employees and people concerned for their interest in environmental conservation	 We conducted environment-related education based on the human resource educating program.	

Evaluation

: Goal was achieved.

: Part of goal was not achieved.

: Goal was not achieved.