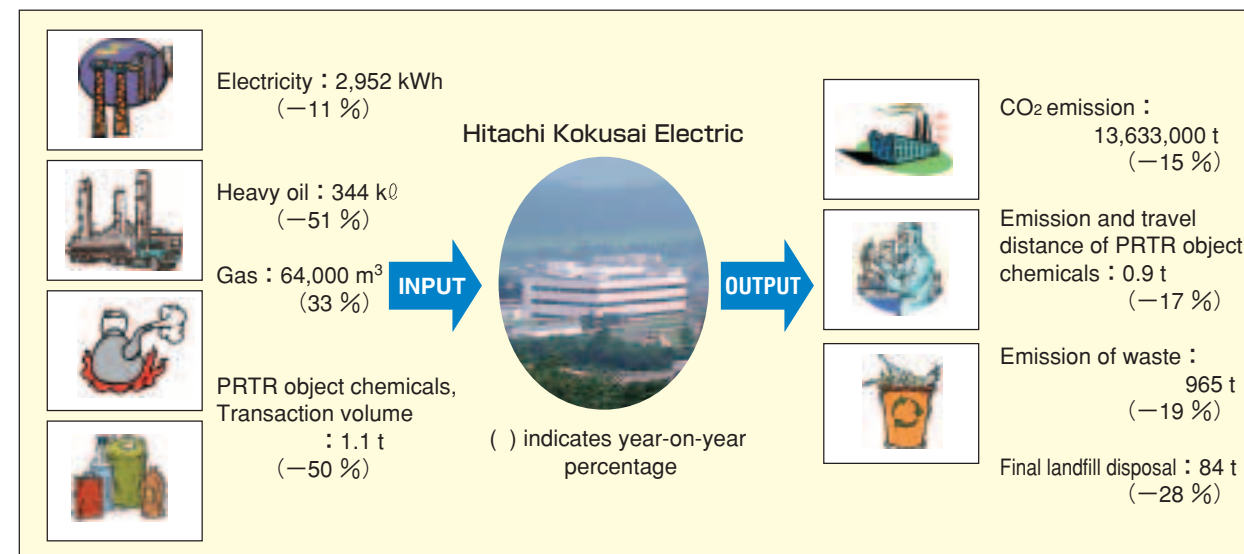


3 Goals and results of environmental activities in Fiscal 2003

◎ : Mid-term to long-term target reached ○ : Target reached △ : Efforts in improvement required

Main item	Mid-term to long-term plan	Fiscal 2003 target	Result	Own evaluation
Ecological products	Environment-friendly products Percentage of environment-friendly products: 70% in fiscal 2005	Percentage of environment-friendly product sales: 60% in fiscal 2003	Percentage of environment-friendly product sales: 68% in fiscal 2003	◎
	Lead-free solder Complete abolishment of lead solder in fiscal 2003	Introduction of lead-free soldering equipment Establishment of the production process Application for newly developed products	Equipment introduction completed Application to the newly developed products	○
	Green procurement Complete abolishment of 6 RoHS regulated substances by fiscal 2005	Investigation of environmental safety of main customers Investigation of 6 RoHS regulated substance content	Percentage of responses: 85% Percentage of responses: 54%	△
Ecological factory	Global warming prevention (energy conservation) Reduction of carbon dioxide (CO ₂) emissions from fiscal 1990 levels 3% reduction by fiscal 2005 7% reduction by fiscal 2010 Reduction of carbon dioxide emissions from 1990 levels 20% reduction by fiscal 2005 25% reduction by fiscal 2010	Reduction of CO ₂ emissions from fiscal 1990 levels 1% reduction in fiscal 2003	6% reduced in fiscal 2003	△
		Reduction of CO ₂ emissions in production from fiscal 1990 levels 16% reduction in fiscal 2003	17% increased in fiscal 2003	
	Chemical substance management From 2001 levels Chemicals to be reduced 30% reduction by fiscal 2005 Prohibited chemicals Complete abolishment by fiscal 2005	Chemicals to be reduced: 15% reduction in fiscal 2003 Prohibited chemicals: 50% reduction in fiscal 2003	Chemicals to be reduced: 40% reduced in fiscal 2003 Prohibited chemicals: Completely abolished in fiscal 2003	◎
	Waste reduction 85% reduction from 1998 levels by fiscal 2005. Zero emission by fiscal 2010.	81% reduction from 1998 levels	86% reduction from 1998 levels	○
Environment management	Environmental Audits Implementation of environmental auditing (including factories and affiliated companies)	Implementation of environmental auditing by Headquarters' Environment Management Department ISO14001 periodic inspection	Auditing implemented at 2 factories 5 internal factories investigated 5 affiliated companies investigated	○
	Consolidated operations Promotion of consolidated operations by factory	Assessment of environmental load (type, degree and volume)	Environmental load data obtained	

Business activity mass-balance



4 Details of environmental activities in Fiscal 2003

	Result of fiscal 2003 environmental activities	Participants
April	Environment committee meeting of affiliated companies ● Presentation of fiscal 2003 environmental activity plan	Persons in charge of the environment of respective affiliated companies, Environment Center
August	Environmental management operational committee meeting ● Report on activity results for fiscal 2002 by each factory and fiscal 2003 activity plan	President, Executive in charge of the environment, factory heads, Environment Center
	Internal environmental auditing ● Environmental auditing of Hamura Factory	Factory heads, environment promotion representative, internal audit team, department heads, Environment Center
	Environmental meeting ● Exchange of opinions by persons in charge of the environment of respective factories	Persons in charge of the environment, Environment Center
October	The 5th presentation meeting of environment-friendly design case examples ● Examples at factories: 5 cases	President, Executive in charge of the environment, department heads, factory heads, design divisions, environment departments
December	Environmental auditing of affiliated companies ● Kokusai Electric Engineering Environmental auditing of Akita Factory	Factory head, Executive in charge of environment, department heads, persons in charge of the environment and Environment Center
	The 3rd lead-free subcommittee meeting ● Technology exchange among factories	Lead-free promotion leaders of factories and affiliated companies and Environment Center
February	Environmental management operational committee meeting ● Report on the results of fiscal 2003 activities of respective factories ● Presentation of fiscal 2004 environmental activity plan	President, Executive in charge of environment, Quality assurance & Environment center
	Environmental meeting ● Exchange of opinions among persons in charge of the environment of respective factories	Persons in charge of the environment, Quality assurance & Environment center
March	Environment committee meeting of affiliated companies ● Report on the results of fiscal 2003 activities by respective affiliated companies ● Presentation of fiscal 2004 environmental activity plan	Persons in charge of the environment of respective affiliated companies, Quality assurance & Environment center



Environmental audits at Hamura Works



Presentation meeting for environment-friendly design examples



Kokusai Denki Engineering Co., Ltd. Environmental audits at Akita Works

5 Environment management system

Environment management system is the platform for promoting environment management, and all of the company's manufacturing bases (sites) were ISO14001 certified in fiscal 1999. And also all manufacturing sites of the affiliated companies within Japan are scheduled to be certified by fiscal 2005.

Status of ISO14001 certification (as of March 31, 2004)

	Sites certified	Date certified	Scope of business
Internal factories	Toyama Works	October 1996	Semiconductor manufacturing equipment systems
	Koganei Works	June 1997	Broadcasting systems, image processing and monitoring systems
	Hamura Works	February 1998	Data processing systems and wireless communication systems
	Omiya Works	December 1998	CATV systems and antennas
	Chitose Works	April 1999	Wireless communication systems
Main domestic affiliated companies	Tohoku Electronics Engineering Inc.	June 1997	Electric appliances, communications and image systems, measuring devices and medical equipment
	Kokusai Denki Engineering Co., Ltd.	July 2000	Wireless communications equipment, beacon equipment, electrical equipment, mobile radio equipment, microcomputer application devices and computer peripherals
	Kokusai Electric Semiconductor Service Inc.	March 2001	Maintenance and installation of semiconductor manufacturing equipment and semiconductor manufacturing equipment
	Hitachi Kokusai Electric Service Inc.	October 2002	Maintenance and services of Hitachi Kokusai Electric products (excluding semiconductor manufacturing equipment)
	Kokusai Electric Alpha Co., Ltd.	February 2003	Data processing systems and equipment, semiconductor manufacturing equipment and ultrasonic application devices



Registration Certificate for Kokusai Electric Alpha Co., Ltd.