

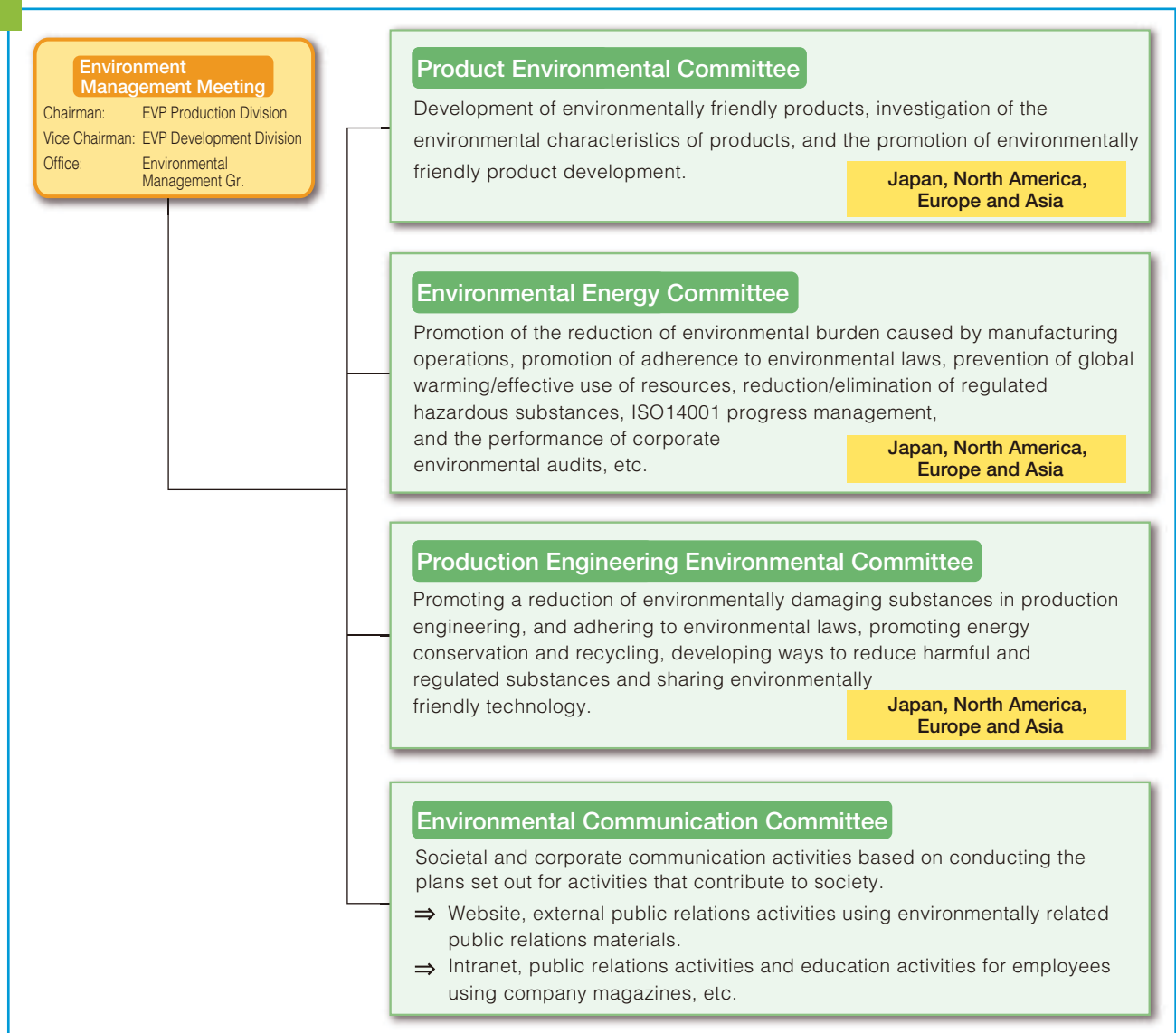
Environmental Management

Calsonic Kansei is promoting environmental management by aiming for a trade-off between environmental awareness activities and costs, while each employee strives to be environmentally aware in their daily operations.

① Group Environmental Management Promotion System

Calsonic Kansei will promote its environmental conservation activities by formulating a system to continually review the status of activities such as planning environmental operations within each committee, discussing and selecting plans at the Environment Management Meeting, following up on major themes and assuring the execution of those plans.

Functions of the Organization System and Committees



Environmental Risk Contact Organization

A contact organization established to minimize the adverse impact on the environment and society in case of an environmental mishap caused by Calsonic Kansei or affiliated companies.

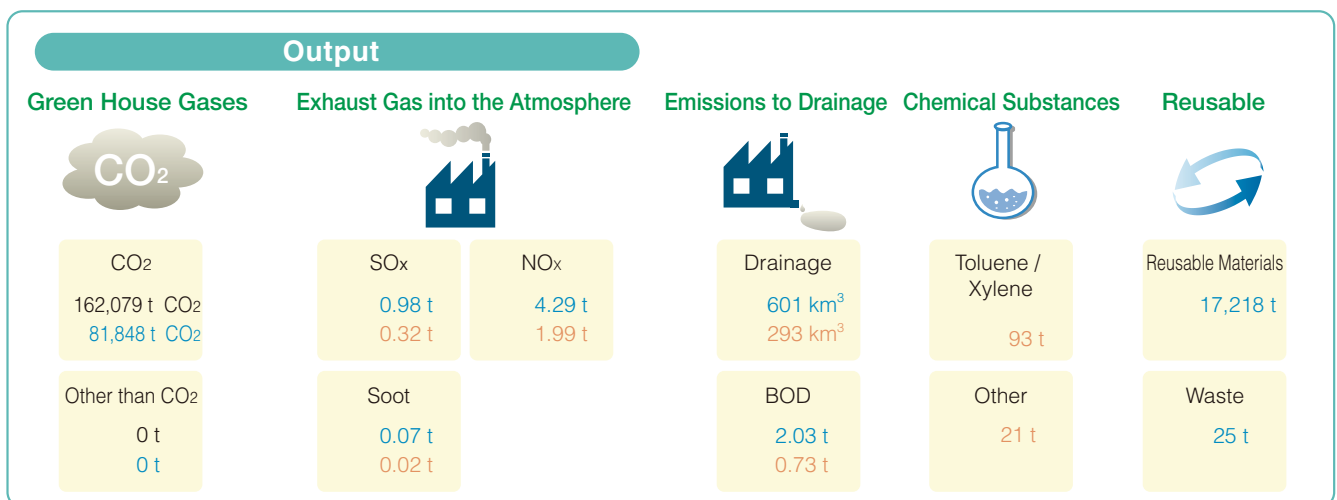
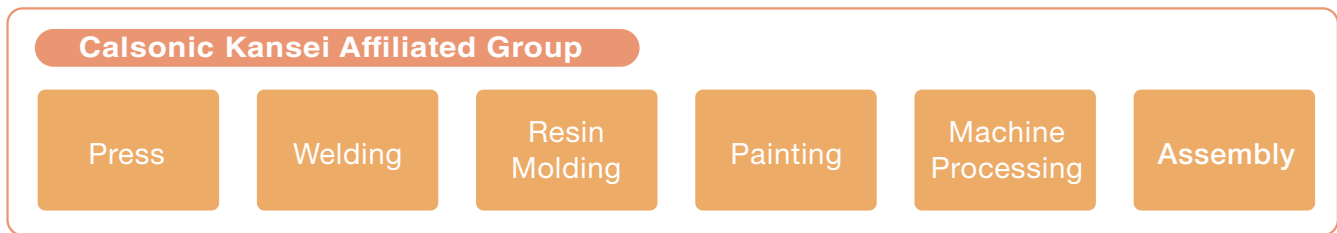
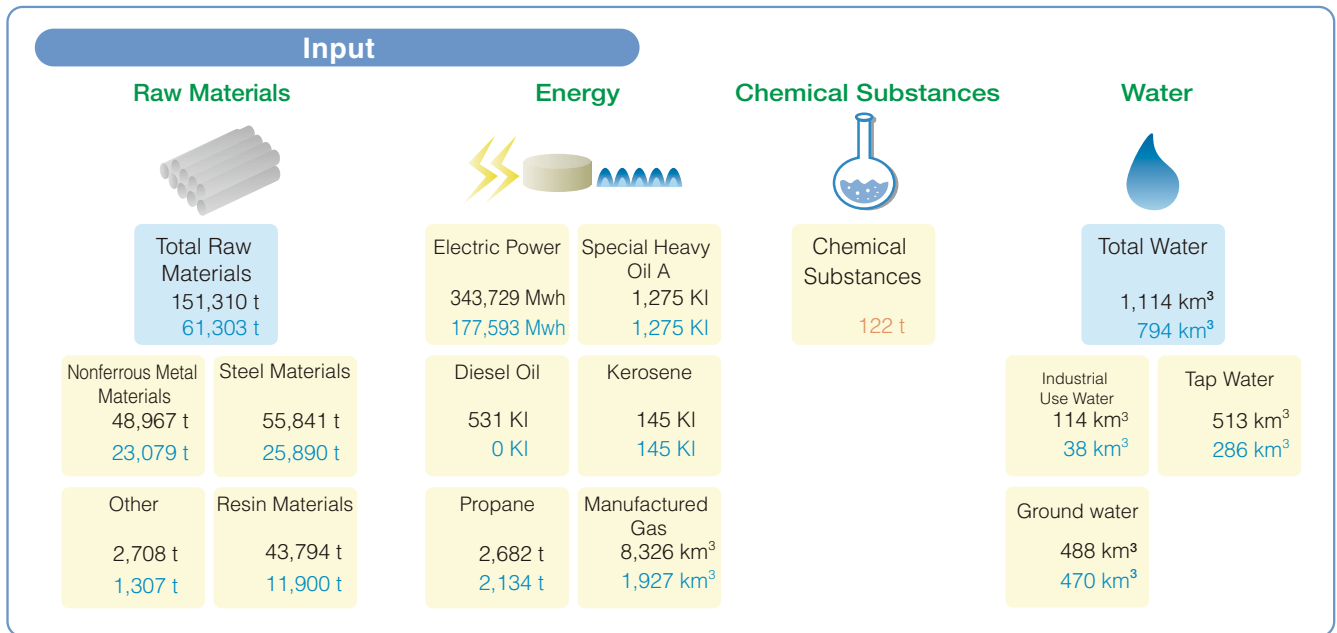
2 Environmental Operations Plan (Goals and Achievements of FY 2008)

Formulation of a detailed plan from an environmental point of view, assessment of achievements and additional efforts toward improving our approach.

Major Issues	Plans for Mid-term Activities	
Environmental Management Promotion	Enhancing Acquisition and Maintenance of ISO14001 Certification for all domestic plants, all domestic and overseas affiliated companies	
	Global enhancement of the Calsonic Kansei group environmental management promotion system	
	Community Partnership Activities	Efforts to promote the environmental actions of production departments, enhancement of activities to earn the trust of local communities 100% Enhancement by FY 2010
	Green Partnership Activities	Efforts to enhance cooperation activities with companies cooperating in the production department, three clean chain activities (CO ₂ reduction, effective use of resources, reduction of environmental burden) and prevention of environmental mishaps. 100% Enhancement by FY 2010
Development of environment-conscious products	Enhancement of efforts for development in response to environmental issues	Adherence to laws/customer demands, reducing and prohibiting hazardous substances used in products (Electrical applications, lead solder abolished late December 2010) (REACH regulations support)
		Reduction of waste (development of easily recyclable products)
		Prevention of global warming (Fuel efficiency/energy efficiency)
		Prevention of air pollution (purification of exhaust gas)
		Noise prevention (reduction of emitted noise)
	Evaluation of environmentally friendly products	
Green Procurement	Expansion of green procurement	
Reduction of Environmental Burden in Manufacturing Activities	Prevention of global warming	Reduction of carbon dioxide (CO ₂) emissions With 1990 as a base year, average of 7% reduction of emission per unit for 2008 to 2012 (CK+CKK+CKF)
		Reduction of carbon dioxide (CO ₂) emission units (CO ₂ emission units = total emissions/sales) With 2005 as a base year, 7% reduction of total amount of emission units by 2010 (CK+all affiliated companies)
	Effective use of resources	Enhanced industrial waste recycling (recycled volume/total waste output volume) Goal: achieve 100% recycling by FY 2010
		Reduction of industrial waste units (Total waste output volume/sales) With 2005 as a base year, 7.5% reduction of total amount of emission units by 2010 (CK+all affiliated companies)
	Promotion of the reduction of chemical substances covered by the PRTR law 30% reduction of 2001 levels by 2010	
	Environmental Risk Management Enhancement	Purification and prevention of contamination of ground water Thorough Water Quality Management
Environmental Communication	Active disclosure of environmental activities	
Product Recycling Activities	Improved maintenance of product recycling activities	

FY 2008 Target	FY 2008 Results	Page
Improve quality of ISO14001 activities CK Wuxi component company (China) acquired ISO14001 certification by end of FY 2008	Implemented a Calsonic Kansei environmental performance audit for all certified domestic sites CK Wuxi component company acquired certification in November, 2008	10
Enhancement of Calsonic Kansei Group Environmental Management Promotion System	Enhanced promotion of Calsonic Kansei Environment Management Meeting Building of an emergency contact network in case an environmental mishap occurs in CK group	06 ~ 10
Completion of Community Partnership (actual assessment points/standard assessment points) 65%	Completion of Community Partnership (actual assessment points/standard assessment points) 68% Implementation of cleaning of business site perimeters Dispatch of instructors for acceptance of factory visits for social education Accepting local junior and senior high school students for internships	29 ~ 30
Completion of Green Partnership (actual assessment points/standard assessment points) 65%	Completion of Green Partnership (actual assessment points/standard assessment points) 70% Implement education for support during emergencies for cooperating companies Implement education in countermeasures to prevent incidents during environmental mishaps	29 ~ 30
Total abolition of lead, mercury, cadmium, hexavalent chromium (However, exclusion provisions of the EU Directive, except for scrap) Reduction in VOCs included in vehicle interiors Promote adoption of Pb-free solder	Total abolition of lead, mercury, cadmium, hexavalent chromium Continue reduction of VOC in automobile interiors Pb-free solder adopted for some models Implement activities to support European REACH regulations	18 ~ 19
Prompt disclosure of materials data to customers	Carried out in accordance with customer instructions (IMDS response)	
Promote the development of easily recyclable products	Front end module and cockpit module	
Promotion of light-weight, fuel efficient/energy efficient products	Front end/Cockpit modules, shell insert muffler New type radiator (with thin plate), small, high performance air conditioner system Variable capacity compressor for air conditioner, lightweight, thin evaporator, lightweight, thin condenser Development of new coolant air conditioner system	13 ~ 17
Promote product development that prompts purification of exhaust gas	New metal support structure Aqueous urea tank, DPF	
Promote the development of products that reduce noise emitted	Low-noise exhaust systems	
Investigate the evaluation standards for promoting the creation of environmentally friendly products Promotion of a database for related data	Expansion of the way we think about environmental product characteristics within the company, opening of the deliberation on operational procedures Created a CO ₂ computing system for production step	
Enhancement of the content of green procurement guidelines	Promote approval of agreements with business partners	21
With 1990 as a base year, average of 7% reduction of emission per unit for 2008 (CK+CKK+CKF)	Achieved 29% reduction of emissions volume compared to 1990 (CK+CKK+CKF)	
With 2005 as a base year, 4.2% reduction of emission per unit (CK+all domestic affiliated companies)	Emission units increased 3.2% compared to FY 2005 (CK+all domestic affiliated companies) Increased due to sharp reduction in sales	22 ~ 26
Improve waste recycling rate (achievement of zero emissions) 100% recycling	100% waste recycling	
With 2005 as a base year, 4.2% reduction of emission per unit (CK+all domestic affiliated companies)	Emission units increased 22.8% compared to FY 2005 (CK+domestic affiliated companies) Increased due to sharp reduction in sales	
5% reduction in amount discharged/moved compared to the previous fiscal year	Compared with previous year 18.6% reduction in amount emitted/moved 64% reduction in amount emitted/moved compared with 2001	20
Continuation and expansion of ground water preservation	Thoroughly established countermeasures for contamination that has already occurred and countermeasures for the prevention of future contamination	21
Management of quality of water discharge and plant emissions by setting voluntary standards of 0.8 of regulation value as a target	Clearing voluntary target values	20
Enhancement of environmental reports	Widespread PR achieved for operations and results with the publication of an environmental report	
Enhancement of environmental activity publicity outside the company	Completed "the Environmental Report" Corner of our Website PR for environmental activities focused on stockholders with "the mid-term report"	
Enhancement of environmental education activities for employees	<ul style="list-style-type: none"> Implemented "COOL BIZ", aiming for shared environmental problems for all our employees by putting daylight savings time into effect Timely supplied information using Global Square 	28 ~ 30
Completion of activities for each individual recyclable item Profit target for recycling business: 979 (million yen)	Reduce the occurrence of recycled materials Profit: 994 (million yen)	27

3 Business Activities and Environmental Burden



CK+CKK+CKF Orange numeric values
 CK+domestic affiliated group Blue numeric values
 No mark: CK+domestic and overseas affiliated group Black numeric values

4 Corporate Group Environmental Policies/Shared Plans

At the Calsonic Kansei Group, environmental management representatives from all domestic Calsonic Kansei plants and from manufacturing group companies with plants, participate in the “CK Environmental Liaison Meeting” held once a year, exchanging information about the situation and improvements, strengthening the efforts of the entire group.

5 Creating an ISO14001 Environmental Management System

Promoting the Acquisition of ISO14001 Certification

- Calsonic Kansei group has been promoting acquisition of certification for ISO14001, the international standard for environmental management systems, since 1998. As of March 2009, all Calsonic Kansei factories, test centers for development experiments, domestic and foreign affiliated production companies, except those newly established, have been certified, further defining our environmental management globally.
- In March 2008, we launched activities toward acquisition of ISO14001 certification in accordance with the integration of Research & Development Center and headquarters in Saitama-city in May 2008. Currently, we are creating an Environmental Management System and conducting introductory education in order to acquire certification in March 2011.

Acquisition Status of Our Plants		
	Plant Name	First Registration Date
Domestic	Atsugi Plant	March, 1998
	Gunma Plant	October, 1998
	Kodama Plant	January, 1999
	Oppama Plant	February, 1999
	Yoshimi Plant	December, 2001
	Test Center	January, 2003

The ISO certification acquisition Status within our company

Acquisition Status of Domestic Affiliated Companies		
	Plant Name	First Registration Date
Domestic	Calsonic Kansei Iwate Corporation	June, 1998
	CKK Corporation	March, 1999
	Calsonic Kansei Utsunomiya Corporation	May, 1999
	CKF Corporation	December, 1999
	KS Engineering Co., Ltd.	December, 2001
	Tokyo Radiator Mfg. Co., Ltd.	March, 2003
	CKP Corporation	March, 2004
	NP Kasei	December, 2002
	Nisshinkogyo Co., Ltd.	June, 2004
	Iwashiro Seiki Co., Ltd.	September, 2005

() indicates companies subject to environmental management.

Acquisition Status of our Overseas Affiliated Companies		
	Plant Name	First Registration Date
North America	Calsonic North America, Inc., Shelbyville	September, 2001
	Calsonic North America, Inc., Lewisburg	September, 2002
	Calsonic Kansei Mexicana, S.A. de C.V., Aguascalientes	March, 2005
	Calsonic Kansei Mexicana, S.A. de C.V., San Francisco	March, 2005
	Europe	Calsonic Kansei · Sunderland (Old M KL)
	Calsonic Kansei Europe plc., Washington	October, 1999
	Calsonic Kansei Spain, S.A.	February, 2000
	Calsonic Kansei Europe plc., Llanelli	January, 2002
Asia	Calsonic Kansei (Thailand) Co., Ltd.	March, 2004
	Daihan Calsonic Corporation	April, 2004
	Calsonic Kansei Korea Corporation (CKKR)	October, 2004
	Calsonic Kansei Malaysia	August, 2007
	Calsonic Kansei (Wuxi) Corp.	August, 2007
	Calsonic Kansei (Wuxi) Components Corp.	November, 2008
	Uni-Calsonic Corporation	April, 2002
	Chien Tai Industry Co., Ltd.	November, 2002
	Taiwan Calsonic Co., Ltd.	January, 2003
	Siam Calsonic Corporation	August, 2003

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Continued improvement of the Environmental Management System

To improve the level of the environmental management system, while expanding the number of internal auditors within each base office, we implement periodic reviews using internal audits and external audits by an auditing authority.