

Eco-mind & Management

Targets in Fiscal 2006

Toward Further Step-up of Activities

Contents of activities are classified on the basis of the renewed Sustainability Compass, targets are set for individual categories and actions are promoted.

Target in Fiscal 2006

Hitachi Construction Machinery Group in Total

Category	Action Targets	Target Value	Target Year
Eco-mind and global environmental management	Environmental management promotion	Strengthen eco consolidated management and structure corresponding to environmental regulations	
	GREEN21 Ver.3	Improving Green Points (GP): 1280 GP (in Fiscal 2010)	768 GP 2006
	Environmental management system	Introduction of environmental management systems including affiliates	Acquisitions of ISO14001 certification by production-related affiliates ISO certification achievements by the Head Office of Hitachi Construction Machinery, etc. 2006
	Environmental accounting	Establishment of consolidated environmental accounting	Environmental accounting consolidating eight companies -
	External economic effects	Evaluation of social contributions resulted from business operations	Parts recycling business evaluation 2006
	Green purchasing promotion	Purchasing of eco-friendly office supplies	90% or more (Reference year 2004) 2007
	Environmental education	Awareness raising and promotion of environmental education	Promotion of experiencing environmental e-Learning 2006
Environmental communication	Information disclosure	Positive disclosure of environmental activities and environmental accounting	CSR report issuing 2006
	Global citizen activities	Positive planning of and participation in community commitments	
Recycling-oriented society business model	Collection and recycling of used products and other efforts for further development of recycling business model		

Production establishments

Category	Action Targets	Target Value	Target Year	
Eco-products	Implementation of "Design for Environment" assessments of new products	100% shift of assessment products to eco products	2006	
	Promotion of manufacturing environmental CSR-ready products	Completed the Hitachi Construction Machinery Group's mechanism	2007	
	Promotion of green procurement: 100% green supplier rate	Green supplier rate: 72%	2006	
Eco-factory	Reducing environmental burdens at the time of product transportation	Reduction of emission amount by rationalization of transportation: 10% or more reduction with reference to the level in Fiscal 2000	2010	
		Reduction of basic unit of newly used packaging materials for parts supplies in Fiscal 2010 by 5% or more	1% reduction with reference to the level in Fiscal 2005 2006	
	Global warming prevention	7% or more reduction of CO ₂ emissions in Fiscal 2010 (Japan)	3.8% reduction with reference to the level in Fiscal 1990	2006
		25% reduction in Fiscal 2010 - Reduction of CO ₂ emissions intensity in total production (Japan) - Reduction of CO ₂ emissions intensity in total production (overseas)	21% reduction with reference to the level in Fiscal 1990	2006
	Effective utilization of resources	Reduction of generated amount of waste: 10% reduction with reference to the level in Fiscal 2000 in terms of the basic unit of generation in Fiscal 2010	Promotion planning (Japan and overseas)	2006
		Promotion of 3R (Reduce, Reuse, Recycle) activities Promotion of zero emission realization	1% or less final disposal ratio and less than 5t/year of final disposal amount	2007
		Effective use of water resources: 10% reduction in Fiscal 2010	Promotion planning (Japan and overseas) 2% reduction of water use with reference to the level in Fiscal 2005	2006 2006
	Chemical substance management	Registration as a VOC emission facility and concentration measurement of VOC in accordance with the Air Pollution Prevention Law (Japan)		2006
		Completed implementation of measures to comply the concentration regulation of the existing facilities subject to the Air Pollution Prevention Law (Japan)		2009
		Reduction of VOC emissions into air 25% reduction with reference to the basic unit of production in Fiscal 2010 (Japan) 10% reduction in the emission ratio in Fiscal 2010 with reference to the level in Fiscal 2005 (overseas)	Promotion planning (Japan and overseas)	2006
		2% reduction of emission rate Fiscal 2005 (overseas)	2006	
PCB management	Thorough management and storage (number and difference) of electric devices using PCB (transformers, capacitors, etc.) and planning of their disposal plans		2016	
Management of water quality of industrial wastewater	Thorough prevention of accidents at wastewater processing facilities and thorough management of symptoms based on the voluntary management standards	Compliance with the agreed wastewater values		

Non-production establishments (Head Office, East Japan Div., West Japan Div. and affiliates engaged in sales, service, rental or other operations)

Category	Action Targets	Target Value	Target Year
Global warming prevention	Reduced electricity use: 6% reduction in Fiscal 2010	2% reduction with reference to the level in Fiscal 2004	2006
	Reduction of gasoline, fuel oil, kerosene and other fuels: 6% reduction in Fiscal 2010	2% reduction with reference to the level in Fiscal 2004	2006
Industrial waste	Promotion of 3R (Reduce, Reuse, Recycle) activities	Target value of each establishment (reference year: 2004)	2006
	Reduction of copy paper use: 10% or more reduction in Fiscal 2007	5% or more reduction with reference to the level in Fiscal 2004	2006
PCB management (Japan)	Thorough storage control of electric devices using PCB and planning of their disposal		2016

Nature-friendly Products & Eco-factories

Inputs and Emissions Accompanying Business Operations

Overview of Environmental Burdens Associated with Business Operations

The Hitachi Construction Machinery Group positively promotes the reduction in emissions of materials in order to effectively use resources and to minimize environmental burdens. Shown below are input and output of resources at the production establishments in Fiscal 2005.

