

Targets and Results

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TDK Environmental Action 2015–Agenda (FY 2011 and Medium and Long Term Objectives and Targets)

Established: April 1, 2006
Revised: April 1, 2010 (04)

Objectives	FY 2011 Targets (by March 2011)			Medium Term (by March 2013)	Long Term (by March 2016)
	Scope	Target	Major Measures		
1 Preventing Global Warming	(1) Production sites	Global	• Reduce CO ₂ emissions by 5% or more from the FY 2006 level	① CO ₂ emissions reduction, site target value achievement ratio	• Reduce CO ₂ emissions by 7% or more from the FY 2006 level
		Japan	• Reduce CO ₂ emissions by 7% or more from the FY 1991 level	① Reduce CO ₂ emissions/energy consumption by 2.0% or more year on year (reduce fixed part by 1.0% or more year on year)	• Reduce CO ₂ emissions by 16% or more from the FY 2006 level (Reduction of 12% or more from the FY 1991 level)
	(2) Distribution	Global	• Reduce CO ₂ emissions in distribution (Set target for March 2011)	① Assess and review the amount of CO ₂ emissions	• Set reduction targets
		Japan	• Reduce CO ₂ emissions by 4% or more from the FY 2007 level	① Improve energy consumption per unit of products by 1.0% or more year on year	• Reduce CO ₂ emissions by 5% or more from the FY 2007 level
2 Managing Waste	Global	• Reduce total waste emissions by 4% or more from the FY 2007 level	① Maintain zero emissions	• Reduce total waste emissions by 4% or more from the FY 2007 level	
			② Improve outsourced recycling index by 1.0% or more year on year	• Reduce total waste emissions by 7% or more from the FY 2007 level	
3 Environmental Risk Management	(1) Environmental Risk Management	Global	• Reduce environmental risks	① Implement measures for environmental risk management	
			• Reduce risk of atmospheric VOC emissions (Japan only)	① Implement measures to reduce risk of atmospheric VOC emissions (Japan only)	
4 Conducting External Environment Activities	(1) Social Contribution Activities	Global	• Carry out social contribution activities	① Implement environmental actions matched to local needs	
			② Implement educational activities to raise environmental awareness and future-oriented thinking	• Continue social contribution activities	
5 Promoting the Creation of Environment-Conscious Products	(1) Strictly observe all regulations related to chemical substances used in products (REACH regulation compliance)	Global	• Implement product environment management in compliance with RoHS, REACH, and other international regulations related to chemical substances	① Establish chemical substances database	
			② Implement a chemical substances management database covering all steps from procurement to marketed product	• Strictly observe regulations related to chemical substances in each country	
	(2) Promote reduction of environmental load throughout entire product life cycle	Global	• Life cycle assessment (LCA)	① Implement LCA standard for product assessment	
			• Establish new standard and perform evaluation	② Implement LCA for major products	
	(3) Establish system for information propagation in supply chain	Global	• Disclose environmental information on products to fully meet customer requirements	① Expand information disclosure and sales of Eco Love products (15% or more in FY 2011)	
			• Disclose environmental information on products to fully meet customer requirements	② Disclose information about Substances of Very High Concern (SVHC) in accordance with REACH regulation	

TDK Environmental Action 2015–FY 2010 Results

Objectives	FY 2010 Targets			Results
	Scope	Target	Major Measures	
1 Preventing Global Warming	Global	• Reduce CO ₂ emissions by 4% or more from the FY 2006 level	① Improve energy consumption per unit of products by 2.0% or more year on year	CO ₂ emissions increased by 2% from the FY 2006 level (Decrease of 1.9% from the FY 2009 level)
		• Reduce CO ₂ emissions by 3% or more from the FY 1991 level	② Reduce fixed energy consumption by 1.0% or more year on year	
	Japan	• Reduce CO ₂ emissions by 3% or more from the FY 1991 level	① Set and strictly observe voluntary CO ₂ emission limits and targets	CO ₂ emissions decreased by 13.2% from the FY 1991 level (Decrease of 5.0% from the FY 2009 level)
		• Reduce CO ₂ emissions by 3% or more from the FY 2007 level	② Reduce fixed energy consumption by improving production methods and facilities	
(2) Distribution	Global	• Reduce CO ₂ emissions in distribution (Set target for March 2011)	① Assess and review the amount of CO ₂ emissions	Consideration of global application of system to assess CO ₂ emissions in product distribution
	Japan	• Reduce CO ₂ emissions by 3% or more from the FY 2007 level	① Improve energy consumption per unit of products by 1.0% or more year on year	CO ₂ emissions decreased by 22.2% from the FY 2007 level (Increase of 8.7% from the FY 2009 level)
2 Managing Waste	Global	• Reduce total waste emissions by 3% or more from the FY 2007 level	① Maintain zero emissions	Total waste emissions decreased by 20.4% from the FY 2007 level (Decrease of 11.6% from the FY 2009 level)
		• Reduce total waste emissions by 3% or more from the FY 2007 level	② Improve outsourced recycling index by 1.0% or more year on year	
3 Environmental Risk Management (Reducing atmospheric VOC emissions)	Japan	• Reduce atmospheric VOC emissions by 30% or more from the FY 2001 level	① Reduce atmospheric VOC emissions by 30% or more from the FY 2001 level	Atmospheric VOC emissions decreased by 67% from the FY 2001 level
		• Reduce atmospheric VOC emissions by 30% or more from the FY 2001 level	② Implement voluntary action plan (introducing facilities, improving processes and controlling waste generation)	
4 Conducting External Environment Activities	(1) Social Contribution Activities	Global	• Carry out social contribution activities	① Implement environmental actions matched to local needs
			② Implement educational activities to raise environmental awareness and future-oriented thinking	• Reduce environmental risks
	(2) Compliance	Global	• Strictly observe all laws and regulations	① Implement preventive management based on self-managed standards
			• Accommodate revision of Chemical Substances Control Law (Japan only)	② Assess quantities of substances requiring registration
5 Promoting the Creation of Environment-Conscious Products	(1) Strictly observe all regulations related to chemical substances used in products (REACH regulation compliance)	Global	• Implement product environment management in compliance with RoHS, REACH, and other international regulations related to chemical substances	① Establish chemical substances database
			• Implement a chemical substances management database covering all steps from procurement to marketed product	② Assess quantities of substances requiring registration
	(2) Promote reduction of environmental load throughout entire product life cycle	Global	• Life cycle assessment (LCA)	① Establish a new standard for life cycle assessment (LCA)
			• Establish new standard and perform evaluation	② Implement LCA for major products
	(3) Establish system for information propagation in supply chain	Global	• Disclose environmental information on products to fully meet customer requirements	① Expand information disclosure and sales of Eco Love products
			• Disclose environmental information on products to fully meet customer requirements	② Disclose information about Substances of Very High Concern (SVHC) in accordance with REACH regulation