

Environmental Management Targets and Achievements

Progress toward Realization of Environmental Vision 2020

Fuji Electric instituted Environmental Vision 2020 as a guidepost to our medium- to long-term environmental activities. In addition to reducing the environmental burden of our own production activities, we also seek to achieve a sustainable society by providing products and technologies that leverage our strengths in energy technologies. To this end, we set specific environment-related activities and managing numerical objectives for them.

○: Target achieved △: Partially achieved

3-Year Rolling Plan (FY2013 to FY2015)	FY2013 target	FY2013 achievement	Assessment	FY2014 target	FY2015 target	Environmental Vision 2020 target
Stop Global Warming (reduce CO2 emissions during production)	[Global] 11.6% reduction compared with FY2006 level (Emissions 337 kilotons)	14.9% reduction compared with FY 2006 level (Emissions 324 kilotons)	○	13.0% reduction compared with FY 2006 level (Emissions 332 kilotons)	14.7% reduction compared with FY 2006 level (Emissions 325 kilotons)	20.0% reduction compared with FY 2006 level (Emissions 304 kilotons)
	[Japan] 15.6% reduction compared with FY 2010 level (Emissions 212 kilotons)	18.7% reduction compared with FY 2010 level (Emissions 204.6 kilotons)	○	16.8% reduction compared with FY 2010 level (Emissions 209 kilotons)	18.7% reduction compared with FY 2010 level (Emissions 205 kilotons)	24.8% reduction compared with FY 2010 level (Emissions 189 kilotons)
	[Overseas] 4.8% reduction compared with FY 2010 level (Emissions 125 kilotons)	8.4% reduction compared with FY 2010 level (Emissions 119.5 kilotons)	○	6.4% reduction compared with FY 2010 level (Emissions 123 kilotons)	7.9% reduction compared with FY 2010 level (Emissions 120 kilotons)	12.4% reduction compared with FY 2010 level (Emissions 115 kilotons)
Stop global warming (reduce energy consumption per base unit*)	[Japan] 1.3% reduction compared with FY2012 level	Achieved target	○	2.6% reduction compared with FY2012 level	3.9% reduction compared with FY2012 level	10.0% reduction compared with FY2012 level
	[Overseas] 6.8% reduction compared with FY 2006 level	23.3% reduction compared with FY 2006 level	○	7.7% reduction compared with FY 2006 level	8.6% reduction compared with FY 2006 level	13.1% reduction compared with FY 2006 level
Product Contribution to reduction of CO2 emission / Year	5,550 kilotons Reduction / Year	6,011 kilotons Reduction / Year	○	7,190 kilotons Reduction / Year	8,820 kilotons Reduction / Year	17,000 kilotons Reduction / Year
Increase sales ratio of eco-products and super eco-products	Eco-Products 36%	Eco-Products 32%	△	Eco-Products 42%	Eco-Products 48%	Eco-Products 70%
	Super Eco-Products 5.5%	Super Eco-Products 7.5%	○	Super Eco-Products 7.8%	Super Eco-Products 10.1%	Super Eco-Products 21.0%
Resource recycling	[Japan] Final disposal rates Less than 0.5%	0.37%	○	Less than 0.5%	Less than 0.5%	Less than 0.5%
	[Overseas] Final disposal rates Less than 7%	10.7%	△	Less than 6%	Less than 5%	Less than 2%
Control chemical substances (Designated substances:	[Japan] 6.7% reduction compared with FY 2010 level (Emissions 505	Compared to FY2010 PRTR-designated substances:	○	10.0% reduction compared with FY 2010 level (Emissions	13.3% reduction compared with FY 2010 level (Emissions	30.0% reduction compared with FY 2010 level (Emissions 379 tons)

PRTR-designated, VOCs)	tons)	25.1% reduction (Emissions 176.4 tons) VOC: 15.8% reduction (Emissions 257.7 tons)		487 tons)	470 tons)	
	[Overseas] Base year numerical collation	Collation	○	Maintained 2013 emissions	Maintained 2013 emissions	Maintained 2013 emissions
Reduce use of water resources	[Japan] Consumption 3.0% reduction compared with FY 2010 level (Consumption 8,427 kilotons)	20.3% reduction compared with FY 2010 level (Consumption 6,921 kilotons)	○	4.0% reduction compared with FY 2010 level (Consumption 8,340 kilotons)	5.0% reduction compared with FY 2010 level (Consumption 8,253 kilotons)	10.0% reduction compared with FY 2010 level (Consumption 7,819 kilotons)
	[Japan] Per Unit of Production 3.0% reduction compared with FY 2010 level	7.6% reduction compared with FY 2010 level	○	4.0% reduction compared with FY 2010 level	5.0% reduction compared with FY 2010 level	10.0% reduction compared with FY 2010 level
	[Overseas] Per Unit of Production 5.6 % reduction compared with FY 2011 level	30.2% reduction compared with FY 2011 level	○	8.4% reduction compared with FY 2011 level	11.2% reduction compared with FY 2011 level	25.0% reduction compared with FY 2011 level

* Domestically, this is a figure calculated by dividing the amount of energy use, based on a conversion of energy used per production volume or building floor space, which each site recognizes as key figure closely connected to its production activities, converted to crude oil (Fiscal 2012 standard). Overseas, the standard is for CO₂ emissions per production unit (Fiscal 2006 standard)

Note: This report related to the environment uses collations of data from the Fuji Electric environmental ISO acquisition site and sites while engaged in activities toward that acquisition.