

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 (FY2014 to FY2016)	FY2014 target	FY2014 achievement	Assessment	FY2015 target	FY2016 target	Environmental Vision 2020 target
Stop Global Warming (reduce CO ₂ emissions during production)	[Global] 13.0% reduction compared with FY2006 level (Emissions 332,000 tons)	14.4% reduction compared with FY 2006 level (Emissions 326,000 tons)	○	14.7% reduction compared with FY 2006 level (Emissions 325,000 tons)	16.6% reduction compared with FY 2006 level (Emissions 318,000 tons)	20.0% reduction compared with FY 2006 level (Emissions 304,000 tons)
	[Japan] Emissions 209,000 tons	Emissions 199,000 tons	○	Emissions 205,000 tons	Emissions 200,000 tons	Emissions 190,000 tons
	[Overseas] Emissions 122,000 tons	Emissions 127,000 tons	△	Emissions 120,000 tons	Emissions 118,000 tons	Emissions 114,000 tons
Stop global warming (Product Contribution to reduction of CO ₂ emission/Year)	7,190,000 tons Reduction/Year	10,433,000 tons Reduction/Year	○	8,820,000 tons Reduction/Year	10,460,000 tons Reduction/Year	17,000,000 tons Reduction/Year
Stop global warming (reduce energy consumption per base unit*)	[Japan] 2.58% reduction compared with FY 2012 level	14.26% reduction compared with FY 2012 level	○	3.85% reduction compared with FY 2012 level	5.1% reduction compared with FY 2012 level	10.0% reduction compared with FY 2012 level
	[Overseas] 7.7% reduction compared with FY 2006 level	34.1% reduction compared with FY 2006 level	○	8.6% reduction compared with FY 2006 level	9.6% reduction compared with FY 2006 level	13.1% reduction compared with FY 2006 level
Creating a Recycling-Oriented Society (Resource recycling)	[Japan] Final disposal rates Less than 0.5%	0.28%	○	Less than 0.5%	Less than 0.5%	Less than 0.5%
	[Overseas] Final disposal rates Less than 6%	8.57%	△	Less than or equal to 8%	Less than or equal to 7%	Less than or equal to 3%
Creating a Recycling-Oriented Society (Reduce use of water resources)	[Japan] Consumption 4.0% reduction compared with FY 2010 level (Consumption 8,340,000 tons)	17.6% reduction compared with FY 2010 level (Consumption 7,158,000 tons)	○	5.0% reduction compared with FY 2010 level	6.0% reduction compared with FY 2010 level	10.0% reduction compared with FY 2010 level
	[Japan] Per Unit of Production 4.0% reduction compared with FY 2010 level	4.5% reduction compared with FY 2010 level	○	5.0% reduction compared with FY 2010 level	6.0% reduction compared with FY 2010 level	10.0% reduction compared with FY 2010 level
			○			

3-Year Rolling Plan (FY2014 to FY2016)	FY2014 target	FY2014 achievement	Assessment	FY2015 target	FY2016 target	Environmental Vision 2020 target
	[Overseas] Per Unit of Production 8.4% reduction compared with FY 2011 level	44.7% reduction compared with FY 2011 level		11.2% reduction compared with FY 2011 level	14.0% reduction compared with FY 2011 level	25.0% reduction compared with FY 2011 level
Increase sales ratio of eco-products and super eco-products	Eco-Products 42%	Eco-Products 34%	△	Eco-Products 48%	Eco-Products 54%	Eco-Products 70%
	Super Eco-Products 7.8%	Super Eco-Products 7.2%	△	Super Eco-Products 10.1%	Super Eco-Products 12.4%	Super Eco-Products 21.0%
Control chemical substances (Designated substances: PRTR-designated, VOCs)	[Japan] 10.0% reduction compared with FY 2010 level	Compared to FY2010 PRTR-designated substances: 18.5% reduction (Emissions 192 tons)	○	13.3% reduction compared with FY 2010 level	16.7% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
		VOC: 13.4% reduction (Emissions 265 tons)	○	13.3% reduction compared with FY 2010 level	16.7% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
	[Overseas] Not to exceed FY 2013 emission level PRTR-designated substances: Less than 1,340tons VOC:Less than 1,480 tons	PRTR-designated substances: Emissions 1,241 tons	○	Not to exceed FY 2013 emission level	Same as on the left	Same as on the left
		VOC:Emissions 1,352 tons	○	Not to exceed FY 2013 emission level	Same as on the left	Same as on the left

* 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.