

Environmental Management Targets and Achievements

Progress toward Realization of Environmental Vision 2020

Fuji Electric formulated Environmental Vision 2020 to guide its medium- to long-term environmental activities. In addition to reducing the environmental impact of our own activities, we also seek to contribute to reductions in environmental impact of society as a whole through the products we provide. To this end, we have set specific guidelines for environmental activities and are managing numerical objectives for them.

○ : Target achieved △ : Partially achieved × : Not achieved

3-Year Rolling Plan (FY2016 to FY2018)	FY2016 target	FY2016 achievement	Assessment	FY2017 target	FY2018 target	Environmental Vision 2020 target
Stop Global Warming (reduce CO ₂ emissions during production)	[Global] 12.1% reduction compared with FY2006 level (Emissions 335,000 tons)	14.8% reduction compared with FY 2006 level (Emissions 325,000 tons)	○	14.0% reduction compared with FY 2006 level (Emissions 328,000 tons)	16.0% reduction compared with FY 2006 level (Emissions 320,000 tons)	20.0% reduction compared with FY 2006 level (Emissions 305,000 tons)
	[Japan] Emissions 200,000 tons	Emissions 198,000 tons	○	Emissions 194,000 tons	Emissions 189,000 tons	Emissions 179,000 tons
	[Overseas] Emissions 135,000 tons	Emissions 127,000 tons	○	Emissions 133,000 tons	Emissions 131,000 tons	Emissions 126,000 tons
Stop global warming (Product Contribution to reduction of CO ₂ emission/Year)	18,780,000 tons Reduction/Year	22,300,000 tons Reduction/Year	○	21,580,000 tons Reduction/Year	24,380,000 tons Reduction/Year	30,000,000 tons Reduction/Year
Stop global warming (reduce energy consumption per base unit*)	[Japan] 5.10% reduction compared with FY 2012 level	18.08% reduction compared with FY 2012 level	○	6.33% reduction compared with FY 2012 level	7.55% reduction compared with FY 2012 level	10.0% reduction compared with FY 2012 level
	[Overseas] 9.6% reduction compared with FY 2006 level	24.3% reduction compared with FY 2006 level	○	10.5% reduction compared with FY 2006 level	11.4% 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%	0.24%	○	Less than 0.5%	Less than 0.5%	Less than 0.5%
	[Overseas] Final disposal rates Less than 15%	14.31%	○	Less than or equal to 12.0%	Less than or equal to 7.0%	Less than or equal to 3.0%
Creating a Recycling-Oriented Society (Reduce use of water resources)	[Japan] Consumption 12.0% reduction compared with FY 2010 level	22.6% reduction compared with FY 2010 level	○	14.0% reduction compared with FY 2010 level	16.0% reduction compared with FY 2010 level	20.0% reduction compared with FY 2010 level
	[Japan] Per Unit of Production 11.6% reduction compared with FY 2010 level	11.6% reduction compared with FY 2010 level	○	7.0% reduction compared with FY 2010 level	8.0% reduction compared with FY 2010 level	10.0% reduction compared with FY 2010 level
	[Overseas] Consumption	12.2% reduction	△	16.8% reduction	19.6% reduction	25.0% reduction

3-Year Rolling Plan (FY2016 to FY2018)	FY2016 target	FY2016 achievement	Assessment	FY2017 target	FY2018 target	Environmental Vision 2020 target
	objective 14.0% compared with FY 2011 level	compared with FY 2011 level		compared with FY 2011 level	compared with FY 2011 level	compared with FY 2011 level
	[Overseas] Per Unit of Production 14.0% reduction compared with FY 2011 level	34.6% reduction compared with FY 2011 level	○	16.8% reduction compared with FY 2011 level	19.6% 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 54%	Eco-Products 75.5%	○	Companywide data collection has ended. We will continue registration of new products going forward.		
	Super Eco-Products 12.4%	Super Eco-Products 16.4%	○			
Control chemical substances (Designated substances: PRTR-designated, VOCs)	[Japan] 16.7% reduction compared with FY 2010 level	Compared with FY2010 PRTR- designated substances: 31.7% reduction (Emissions 160.9 tons)	○	20.0% reduction compared with FY 2010 level	23.3% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
		Compared with FY2010 VOC: 19.6% reduction (Emissions 246.1 tons)	○	20.0% reduction compared with FY 2010 level	23.3% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
	[Overseas] PRTR- designated substances: Not to exceed 1,340 tons	PRTR- designated substances: Emissions 1,100.6 tons	○	PRTR- designated substances: Not to exceed 1,340tons	Same as on the left	Same as on the left
	[Overseas] VOC:Emissions 1,480 tons	VOC:Emissions 1,207.5 tons	○	VOC: Not to exceed 1,480 tons	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. (The scope of data collection covers 92.8% of total employees.)