

# 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.

◎ : Environmental Vision 2020 target achieved ○ : Target achieved △ : Partially achieved

3-Year Rolling Plan (FY2017 to FY2019)	FY2017 target	FY2017 achievement	Assessment	FY2018 target	FY2019 target	Environmental Vision 2020 target
Stop Global Warming (reduce CO <sup>2</sup> emissions during production)	[ Global ] 13.8% reduction compared with FY2006 level (Emissions 331,000 tons)	14.4% reduction compared with FY 2006 level (Emissions 328,000 tons)	○	14.0% reduction compared with FY 2006 level (Emissions 323,000 tons)	16.0% reduction compared with FY 2006 level (Emissions 315,000 tons)	20.0% reduction compared with FY 2006 level (Emissions 307,000 tons)
	[ Japan ] Emissions 194,000 tons	Emissions 197,000 tons	△	Emissions 189,000 tons	Emissions 184,000 tons	Emissions 179,000 tons
	[ Overseas ] Emissions 136,000 tons	Emissions 131,000 tons	○	Emissions 133,000 tons	Emissions 131,000 tons	Emissions 128,000 tons
Stop global warming (Product Contribution to reduction of CO <sup>2</sup> emission/Year)	21,580,000 tons Reduction/Year	25,790,000 tons Reduction/Year	○	24,380,000 tons Reduction/Year	27,180,000 tons Reduction/Year	30,000,000 tons Reduction/Year
Stop global warming (reduce energy consumption per base unit*)	[ Japan ] 6.33% reduction compared with FY 2012 level	23.56% reduction compared with FY 2012 level	◎	7.55% reduction compared with FY 2012 level	8.75% reduction compared with FY 2012 level	10.0% reduction compared with FY 2012 level
	[ Overseas ] 10.5% reduction compared with FY 2006 level	32.6% reduction compared with FY 2006 level	◎	11.4% reduction compared with FY 2006 level	12.2% 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%	0.17%	◎	Less than 0.5%	Less than 0.5%	Less than 0.5%
	[ Overseas ] Final disposal rates Less than 12.0%	8.1%	○	Less than or equal to 7.0%	Less than or equal to 5.0%	Less than or equal to 3.0%
Creating a Recycling-Oriented Society (Reduce use of water resources)	[ Japan ] Consumption 14.0% reduction compared with FY 2010 level	16.7% reduction compared with FY 2010 level	○	16.0% reduction compared with FY 2010 level	18.0% reduction compared with FY 2010 level	20.0% reduction compared with FY 2010 level

3-Year Rolling Plan (FY2017 to FY2019)	FY2017 target	FY2017 achievement	Assessment	FY2018 target	FY2019 target	Environmental Vision 2020 target
	[ Japan ] Per Unit of Production 7.0% reduction compared with FY 2010 level	5.2% reduction compared with FY 2010 level	△	8.0% reduction compared with FY 2010 level	9.0% reduction compared with FY 2010 level	10.0% reduction compared with FY 2010 level
	[ Overseas ] Consumption objective 16.8% compared with FY 2011 level	28.0% reduction compared with FY 2011 level	◎	19.6% reduction compared with FY 2011 level	22.4% reduction compared with FY 2011 level	25.0% reduction compared with FY 2011 level
	[ Overseas ] Per Unit of Production 16.8% reduction compared with FY 2011 level	52.5% reduction compared with FY 2011 level	◎	19.6% reduction compared with FY 2011 level	22.4% reduction compared with FY 2011 level	25.0% reduction compared with FY 2011 level
Control chemical substances (Designated substances: PRTR-designated, VOCs)	[ Japan ] 20.0% reduction compared with FY 2010 level	PRTR 34.3% reduction compared with FY 2010 level (Emissions 154.7 tons)	○	23.3% reduction compared with FY 2010 level	26.7% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
		VOC 20.2% reduction compared with FY 2010 level (Emissions 244.3tons)	○	23.3% reduction compared with FY 2010 level	26.7% reduction compared with FY 2010 level	30.0% reduction compared with FY 2010 level
	[ Overseas ] PRTR Not to exceed 1,340tons emission level	PRTR Emissions 1034.1 tons	◎	PRTR Not to exceed 1,340tons	Same as on the left	Same as on the left
	[ Overseas ] VOC:Emissions 1,480 tons	VOC Emissions 1139.6tons	◎	VOC Not to exceed 1,480tons	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 CO<sup>2</sup> emissions per production unit (Fiscal 2006 standard)

Note:

1. This environmental report uses data from Fuji Electric sites that have acquired environmental ISO certification and sites that are working to acquire certification. (The scope of data collection covers 94.8% of total employees.)
2. Figures for targets are rounded. For this reason, total amounts may not match the sum of all individual figures.