

Targets and Results

The goals and results of the initiatives for environmental preservation under the fiscal 2014 Responsible Care activities are as follows.

Review of FY2014 Targets and Results

★★★Target reached ★★Target almost reached ★Improvement needed

Theme	FY2014 Targets	FY2014 Results	Self - assessment	FY2015 Targets
Eliminate environment incidents	Zero environment incidents	Environment incidents: 0	★★★	Zero environment incidents
Reduce environmental impact	(1) Implement voluntary management plan for air-polluting toxic substances			
	Less than the 12 tons of acrylonitrile emissions	Acrylonitrile: 11.2 tons	★★	Less than the 10 tons of acrylonitrile emissions
	(2) Implement zero emissions plan for industrial waste			
	Less than the 1.3 tons of waste sent to landfill in 2013	6 tons	★	Less than 5 tons
	Final amount to landfill for domestic group companies 7.5 tons (Landfill disposal rate: 2007 emission standards) 0.3%	Final landfill amount 10.6 tons	★	Final amount to landfill for domestic group companies under 7.5 tons (Landfill disposal rate: 2007 emission standards) 0.3%
	(3) Strengthen company-wide energy conservation project			
	Reduce unit energy consumption to 65.1% of 1990 level (Per production volume)	Unit energy consumption was 62.9% of the 1990 level	★★★	Energy consumption at 64.5% of 1990 level
Reduce unit CO ₂ emissions to 68.2% of 1990 level	Unit CO ₂ emissions was 65.3% of the 1990 level	★★★	Reduce unit CO ₂ emissions to 67.5% of 1990 level	

There were no environmental incidents* in fiscal 2014.

Zeon Corporation offices continue to maintain the FY2011 achievement of zero industrial waste emissions. Zeon group companies had a final landfill amount of more than 600 tons in 2007, but since 2012 that figure has been reduced to around 10 tons, or roughly 0.4% of the 2007 industrial waste amount, and can therefore be viewed as zero emissions. We will continue to promote further reductions in order to reach 0.1% or less of the 2007 amount, as we have done at Zeon Corporation offices.

Reduction of our acrylonitrile emissions, including the introduction of equipment for this purpose, is currently being investigated.

We will continue to work towards reducing unit energy consumption and CO₂ emissions by an average of 1% per year.

* Environmental incident

In company rules, an environmental incident is defined as, "Any instance in which standards set by laws related to the environment, or standards set independently are not met. Or, any instance in which there is a chance that standards will not be met under normal procedures, even if standards are actually met. Or, any instance a complaint is received or a complaint would have been received if things had been left alone, even if there is no set standard."