

● [Target for fiscal 2016] Noise Measures targeting 75 dB or less along the Tohoku and Joetsu Shinkansen Lines (for areas subject to noise measures)

As for noise measures along Shinkansen lines, measures to reduce noise to 75 dB or less have been completed in the designated areas in accordance with government guidance. Currently, improvement work is being implemented step by step in other areas to be completed by the end of March 2016.

● Implementation of specific environmental protection activities every year (group target)

Targets have not been set for FY2014. This is because individual companies in the JR East Group are regularly involved in various environmental protection activities in response to society's increasing awareness of global environmental issues.

Progress on New Environmental Targets

Category of environmental conservation activities	Performance indicators	Targets to be met by FY2021	Results for FY2012
Measures to prevent global warming	Energy consumption from railway business activities ^{※1}	8% reduction (MJ: relative to FY2011 level) (52.7 billion MJ⇒48.5 billion MJ)	1.9% reduction (51.7 billion MJ)
	CO ₂ emissions per unit of electricity generated at JR East's own power plants ^{※2}	30% improvement (kg-CO ₂ /kWh: relative to FY1991 level) (0.457 kg-CO ₂ /kWh⇒0.320 kg-CO ₂ /kWh)	26% improvement (0.337 kg-CO ₂ /kWh) ^{※3}
Category of environmental conservation activities	Performance indicators	Targets to be met by FY2014	Results for FY2012
Measures to prevent global warming	Electricity used for railway operations per unit of transport volume	6.8% reduction (kWh/car-km: relative to FY2007 level) (1.85 kWh/car-km ⇒1.72 kWh/car-km)	4.7% reduction (1.76 kWh/car-km)
	Energy consumption per unit of floor area at branch offices, etc.	3% reduction (kL-crude oil equivalent/m ² : relative to FY2011 level) (0.0467 kL-crude oil equivalent/m ² ⇒0.0453 kL-crude oil equivalent/m ²)	12% reduction (0.0409 kL-crude oil equivalent/m ²)
Measures for resource circulation	Recycling rate for waste generated at stations and on trains	90%	93%
	Recycling rate for waste generated at General Rolling Stock Centers, etc.	95%	95%
	Recycling rate for waste generated in construction projects	95%	95%
	Rate of green procurement	100%	94%
Environmental activities along railway lines	Measures to reduce noise to 75 dB or less along the Tohoku and Joetsu Shinkansen Lines ^{※4} (for areas subject to noise limitation measures)	[Targets to be met by FY2016] 100%	Being implemented
Environmental management	Setting of numeric targets by all group companies	Targets to be revised continually	Established

■ Targets for the JR East Group

※1 Energy consumption from railway business activities is the target in and after FY2013; result in FY2012 is a reference value.

※2 CO₂ emissions per unit of electricity generated at JR East's own power plants is the target in and after FY2013; result in FY2012 is a reference value.

※3 Numerical values are those reported according to the "Law on Rational Use of Energy (the Energy Saving Law)."

※4 Measures to reduce noise to 75 dB or less have been completed in the designated areas in accordance with government guidance. Currently, improvement work is being carried out step by step in other areas, to be completed by the fiscal year ending March 2016.