

## What is the JR East Group's basic concept of environmental protection?

In 1992, the JR East Group adopted the Basic Philosophy of balancing the environmental protection with our business activities. Based on this philosophy, we are taking specific environmental protection measures by setting up the Activity Guidelines and numerical targets.

### ► Basic philosophy and basic policies for promoting ecological activities

#### Basic philosophy (established May 1992)

The entire JR East Group, working together, will diligently strive to balance environmental protection with our business activities.

#### Basic policies (established May 1992)

- To contribute to customers' lives and local communities by providing a comfortable environment
- To develop and provide the technology needed to protect the global environment
- To maintain an awareness of environmental protection and raise the environmental awareness of our employees

### ► Activity guidelines and targets for the promotion of ecological activities

#### Activity guidelines (established March 1996)

- 1** We work to prevent the waste of precious energy resources and to reduce CO<sub>2</sub> emissions—a known source of global warming—by enhancing our energy efficiency and introducing cleaner forms of energy.
- 2** We ensure the proper management and processing of environmental pollutants and ozone-depleting substances, in compliance with laws and regulations. Moreover, we do our best to reduce the usage and generation of such substances, and to adopt environmentally responsible substitutes when they are available.
- 3** We ensure the appropriate processing of various types of waste generated at our offices, establishments, stations, trains, etc. We strive to recycle waste and reduce the generation thereof, and to use more recycled and resource-saving products to minimize our burden placed upon the environment.
- 4** We respect the natural environment as a nurturer and source of life, and therefore we endeavor to reduce noise and vibration caused by train operations, thus achieving a harmonious relationship with the communities we serve.
- 5** We work to make railways a more attractive and environmentally friendly form of transportation.

### Targets to be met by fiscal 2008<sup>\*1</sup>

(established March 1996; revised November 2000; partially revised September 2002; revised January 2005)

#### East Japan Railway Company

#### Target for fiscal 2008

CO <sub>2</sub> emissions through business activities	22% reduction
CO <sub>2</sub> emissions per unit of electricity generated at JR East's thermal power plant	40% reduction
Energy-efficient train utilization rate	82%
Train energy consumption per unit of transport volume	19% reduction
Number of large refrigerators using specified chlorofluorocarbons (CFCs)	100% reduction
Recycling rate for waste generated at stations and on trains	45%
Recycling rate for waste generated at General Rolling Stock Centers, etc.	85% (average for 4 years of plan)
Recycling rate for waste generated through construction projects	92% (average for 4 years of plan)
Reduction of noise to less than 75dB in designated residential areas along the Tohoku and Joetsu Shinkansen lines	100% completion (target to be met by fiscal 2009)
NO <sub>x</sub> emissions from JR East's thermal power plant	63% reduction

#### JR East Group

#### Target for fiscal 2008

Recycling rate for general waste	43%
Recycled paper utilization rate	100%
Annual environmental protection activities	Participation in tree planting activities, etc.

Note: Base year for reduction targets is fiscal 1990.

#### \*1 Targets to be met by fiscal 2008:

In January 2005, targets to be met by fiscal 2008 were partially modified in line with progress of the original targets for fiscal 2005. Accordingly, targets were newly set for the entire JR East Group.