

What is JR East's basic vision toward the environment?

Since 1992, JR East Group has had a basic philosophy that is possible to protect the environment while doing its business activities. In 1996, we established activity guidelines and numerical goals to more specifically measure environmental conservation activities.

Basic philosophy and basic policy

Basic Philosophy (established in May 1992)

- The entire JR East Group, working together, will diligently strive to reconcile environmental protection with its business activities.

Basic policy (established in 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 environmental protection and raise the environmental awareness of our employees.

Activity guidelines and goals for the promotion of ecological activities

Activity guidelines (established in March 1996)

1. We work to prevent the waste of precious energy and to reduce CO₂ 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 these substances, and to adopt environmental-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 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.

Goals to be met by FY 2005

(based on figures in FY 1990)
(established in March 1996; partially revised in February 1998 and revised in November 2000)

- A 20% reduction of CO₂ emissions in general business activities
- Realization of an energy-saving railcar ratio of 80%
- A 30% reduction of CO₂ emissions in proportion to unit electric power generation at dedicated thermoelectric power plant
- A 15% reduction in energy consumption for train operations in proportion to unit transportation volume
- An 85% reduction in the number of large-size refrigerating machines using specific chlorofluorocarbons (CFCs)
- Realization of a 40% recycling rate for waste generated at stations and on trains
- Realization of a 75% recycling rate for waste generated in rolling stock workshops
- Realization of an 85% recycling rate for waste generated in construction projects
- Realization of a 100% rate for usage of recycled paper as office stock
- Reduction of noise to less than 75dB in designated residential areas along the *Tohoku* and *Joetsu Shinkansen* Lines*
- A 60% reduction of NO_x emissions at company-run thermoelectric power plant
- Implementation of specific environmental conservation activities on an annual basis

*Projected for achievement by FY 2002