

# Global Environment

## Mid-Term Management Plan 2017 in Retrospect

### Results

- Reached all of our targets by introducing new technologies and encouraging Think-and-Act eco-mindsets among our employees
- Reached energy consumption-related goals by promoting the introduction of energy-saving vehicles and high-efficiency equipment in addition to reaching power goals
- Reached recycling-related goals by promoting the 3Rs\* for recyclable and generated waste
- Penetration of biodiversity conservation efforts and environmental management activities

### Issues

- Contribute to the protection of the global environment by further utilizing our technology and ingenuity
- Continue to perform activities to protect the global environment through instilling the eco-mindset in each and every one of our employees

\* 3Rs: Reduce (saving resources and extending use), Reuse, Recycle

## Vision for the Future

The entire JR-West Group recognizes that protecting the global environment is an important duty for any company. In that light, JR-West is working to realize a society where sustainable development is possible with our understanding of the interaction between business activities and the environment. Specifically, we have fostered a base “eco-mindset” in all of our employees so that they are aware of the importance of environmental conservation. This, based on our four pillars, are indicative our various global environment protection activities.

Generally speaking, trains are energy efficient and environmentally friendly vehicles compared to other modes of transportation. In addition to pursuing further energy conservation of its vehicles, the JR-West Group has been devising methods to get more customers to select railways as their mode of transportation and therefore lessen their impact on the global environment. In this way, we will continue to reduce environmental

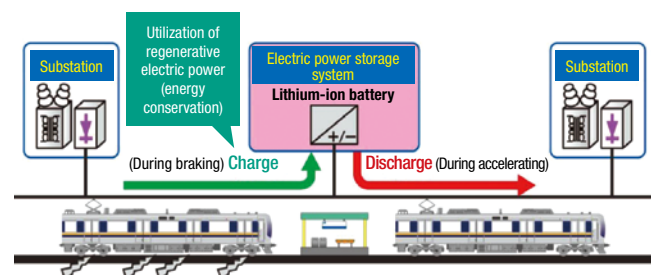
impact by methods such as reducing the CO<sub>2</sub> emissions caused by transportation as a whole, by contributing to the creation of a recycling-oriented society, and by cur-tailing the impact on nature and ecosystems.



## Efforts to Prevent Global Warming (Energy Conservation)

### Introducing Power Storage Systems

In March 2018, we introduced a power storage system at our Yasu location. This device is designed to take regenerative power generated when a train applies its brake and temporarily store it into a storage battery. This power is discharged when a running train accelerates nearby, making it possible to efficiently utilize energy.



Power Storage Mechanism