

The outline of 10th R&D symposium

JR East's 10th R&D Symposium Overview of "Environment Friendly Railway"



JR East Railway held its 10th R&D Symposium under the theme "Environment Friendly Railway: Future System for Achieving High Energy Efficiency and Zero Emission" on November 26, 2003. In this JR East Technical Review (No. 7), an overview of the R&D Symposium will be introduced in the first part and the latter part will be comprised of technical papers on the environment under the overall theme of "Environment Friendly Railway."

In the recent symposium, concrete results of research and development and policies for future measures towards an "Environment Friendly Railway" were explained to external parties in order to provide understanding of the company's stance towards the environment. The symposium began with a lecture by Mr. Keizo Yamaji, Chairman of Japan Tetra Pak Co., Ltd. and Chairman of the United Nations University Zero Emission Forum on the concept of CSR, measures of corporations towards recycling and future promotion of corporate governance based on CSR under the title "Railway and Management based on CSR." Following this, Mr. Tetsuro Tomita, Managing Director of JR East Railway Company, spoke of the company's awareness of the issues of the environment under the title "Activities of JR East Railway Company with respect to

the Environment" and explained the measures being taken with respect to the environment with particular emphasis on the 2003 Sustainability Report. Mr. Yukio Arimori, Managing Director of the JR East Railway Company, spoke on themes in research and development related to the environment and to the future direction of such development under the title "Towards Achieving a Future Railway that is Environment Friendly." Finally, Professor Hisashi Ishiya of the Graduate School of Keio University, Mr. Junichi Sato, Director and Manager of Operational Planning of Ishikawajima-Harima Heavy Industries Co., Ltd., Mr. Takeshi Inao, Director of JR East Railway Company, and Mr. Takashi Endo, Director of the Advanced Railway System Development Center participated in a panel discussion on "The Role of the Railway in Environmental Issues and the Contribution of Research and Development." In the panel discussion, the following items were discussed: the role of the railway in environmental issues, the status of current research and development by JR East Railway Company with respect to the environment, and the future function to be played by the railway in this respect.

The following papers are records of these documents.

* Mr. Keizo Yamaji who spoke at the R&D symposium passed away on December 26 last year. We offer our heartfelt condolences to his family and pray for the repose of his soul.