

3.1 History of Activities for Environmental Preservation

World Trends		Company Events
Establishment of British Environmental Standard (BS 7750)	1992	
Establishment of International Environmental Standard (ISO14001)	1996	April: Kokusai Denki Toyama work awarded ISO14001.
Kyoto COP3 Conference	1997	June: Hitachi Denshi Koganei, Sendai, and Kobuchizawa works awarded ISO14001 (Japan's first simultaneous awards to multiple works).
Revision and enforcement of Law for Disposal of Waste Matter	1998	February: Kokusai Denki Hamura work awarded ISO14001. March: Kokusai Denki Fuji-Yoshida work awarded ISO14001. December: Yagi Antenna Omiya work awarded ISO14001.
Promulgation of PRTR	1999	April: Kokusai Denki Chitose work awarded ISO14001. November: First case-study announcement conference for environment-friendly products
First year of recycling-oriented society	2000	October: Establishment of Hitachi Kokusai Electric Inc through merger of Kokusai Denki, Hitachi Denshi, and Yagi Antenna Establishment of the Environment Promotion Center December: Second case-study announcement conference for environment-friendly products
Establishment of the Ministry of the Environment	2001	

Note : COP3: The third conference held by the signatory countries of the United Nations Framework Convention on Climate Change
PRTR: Pollutant Release and Transfer Register



3.2 Measures and Results in fiscal 2000

Environment management system

All of our works have been certified with ISO14001 and have continuously improved their environment management systems. Two affiliated companies including Kokusai Denki Engineering, Co., Ltd. were newly certified with ISO14001.



ISO14001 periodic inspection (Hamura Works)

Environment-oriented product

The specifications of model devices were determined at works to develop environment-oriented components for all products, for example, semiconductor manufacturing equipment, digital transmitters, radio systems, television cameras, and BS antenna. Presentation meetings, lectures, and training meetings about environment-oriented design were held to encourage designers and developers, including those in affiliated companies, to make a profound study



President Endo gives his impressions at the environment-oriented design case-presentation meeting

Reduction of environment load resulting from production

The power-saving target in works for the primary unit of carbon dioxide emission per sales amount is a 25% reduction from the 1990 levels by fiscal 2010. In fiscal 2000, the achieved reduction was very small compared to the fiscal 1999 emission levels, but from now on, various activities for drastic reductions are being promoted to reach the target.

The final amount of disposed waste was reduced to 23% of the 1991 levels because the target for fiscal 2010 is 10% or less of the fiscal 1991 levels.

Effluent from the works has been managed based on the voluntary control standard value, which is significantly smaller than the value set by law. All the values regarding works effluent are below the voluntary control standard value.

With the merger of the companies, all the important details about the chemicals we use were identified so the chemical management list could be updated. It was confirmed that none of the chemicals we use are covered by the Pollutant Release and Transfer Register (PRTR)

Green procurement

Since before the merger, a Green Procurement Guideline has been issued to continue to purchasing and using environment-friendly materials, equipment, utensils, and consumables in cooperation with vendors.

Environmental accounting

Environmental accounting has been applied since 2000. In response to the cost of 378 million yen/year and an investment of 82 million/year for environmental preservation, the effect was 18 million yen/year

Cooperation with local communities

Efforts have been made to provide local communities with a better environment through public activities, organize voluntary activities at local events, and plant trees around the Toyama and Chitose Works.

3.3 Environment Management System

The figure shows the Environment Management System.

