

Passing on the Irreplaceable, Beautiful Earth to Future Generations, with All Group Staff Members Working as a Global Company.

In 1993, we established the Sanden Environmental Charter as a voluntary plan. In 1997, we revised our Environmental Charter in light of the establishment of ISO 14001 as the international standard for environmental management systems in 1996 and the importance of corporate environmental preservation activities.

With the revision, we introduced the Sanden Environmental Charter at all domestic and overseas affiliates to clarify the direction of the Sanden Group's environmental initiatives.

■ Environmental Doctrine

Sanden, as a worldwide corporate citizen, recognizes that preserving the earth's environment is the most important shared responsibility of mankind. In order to pass on a safe and clean earth to the next generation, Sanden will take appropriate steps in all areas of business activities to preserve the environment.

■ Environmental Principles of Action

1. Sanden will establish a specific organization to promote activities to preserve the earth's environment, and, in order to ensure these activities, will execute environmental audits and endeavor to maintain and improve the activities.
2. Sanden will collect precise information regarding the environmental burden arising out of its activities, set an environmental objective/target, and continuously reduce the environmental burden as much as technologically and economically possible.
3. Sanden will, in addition to complying with all environmental regulations, will set up voluntary environmental standards, and engage in prevention of pollution in order to ensure further preservation of the earth's environment.
4. Sanden will eliminate, as far as possible, any toxic substance which causes a burden to the earth's environment through the adoption of alternative technologies, conversion into alternative materials, collection, and recycling.
5. Sanden will engage in saving resources and energy, recycling, and minimizing industrial waste in all areas of business activities.
6. Sanden will undertake environmental educational in-house activities for all its employees at all levels, in order to enhance consciousness of preserving the earth's environment.
7. Sanden will contribute to society as a community member by voluntary participation in the environmental preservation activities of the local communities.
8. Sanden will, in order to obtain better understanding and cooperation with regard to the preservation of the earth's environment, offer PR activities on a broad base to the community, and provide information as required.

Established in October 1993 Revised in May 1997

■ Environmental Vision

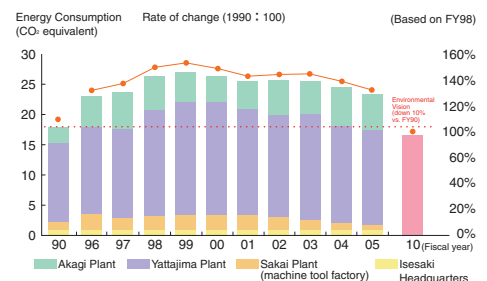
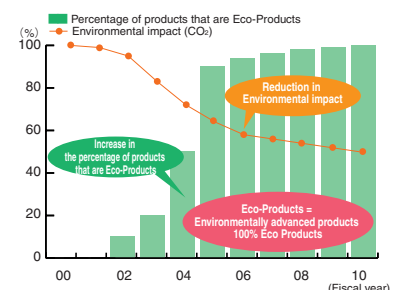
The Environmental Doctrine section of the Sanden Environmental Charter calls for us "to pass on a safe and clean Earth to the next generation." This task is the responsibility of Sanden and other companies, and performing this role is growing ever greater in magnitude.

We of the Sanden Group view environmental preservation as "an absolute condition for corporate management activities and an essential condition for the continuation and development of companies themselves. We have moved forward to obtain ISO 14001 certification for all our major business locations in Japan and overseas. We are also developing frameworks and preparing systems that will enable all Group employees to actively become involved in environmental preservation activities.

To this end, we have prepared the Sanden Environmental Charter containing objectives for reducing the environmental impact of our operations as we grow. In addition, we have prepared our "Sanden EcoVision 2010," which is subtitled "Environmental Vision: EcoExcellent 2010," which express the objectives that all staff members share, and we are working to extend and share this vision with all Group companies in Japan and overseas.

Sanden EcoVision 2010

Environmental Vision: EcoExcellent 2010	
Providing our leading customers around the world with products, systems, and services that feature "equal environmental quality"	
Eco Products	Enhancing environmental functions of products and promoting the development of environmental technologies Aiming for an Eco Product Ratio of 100% by 2010
Eco Factories	Eliminating "all forms of waste" from our offices and other business locations Aiming to Reduce Energy Use 10% (from 1990 levels) by 2010
Eco Management	Improving environmental management and integrating systems Integrating the EMS of Our Business Locations in Japan by 2010



Sanden's Initiatives	World Trends
<p>1 9 8 0</p> <p>81 • Sakai Plant concludes a pollution prevention agreement with the city of Iseaki and the town of Sakai in Gunma Prefecture.</p>	<p>1 9 8 0</p> <p>85 •Vienna Convention for the Protection of the Ozone Layer adopted 87 •Montreal Protocol on Substances that Deplete the Ozone Layer adopted</p>
<p>1 9 9 0</p> <p>90 • Special feature on the environment published in the Company magazine Sanden Plaza • Recycling of used paper begins</p> <p>91 • CFC Task Force launched • TPM activities introduced</p> <p>93 • Sanden Environmental Charter established • Received an Energy Efficiency Vanguard Award for the Company's vending machines from the Director General of Japan's Ministry of International Trade and Industry's Agency of Natural Resources and Energy</p> <p>94 • Culture lecture by C.W. Nicol</p> <p>95 • Yattajima Plant receives ISO 9001 certification • Kotobuki and Sakai plants receive TPM award • Elimination of the use of ozone-depleting substances</p> <p>96 • Yattajima Plant receives QS 9000 certification and TPM award • Kotobuki Plant receives ISO 9001 certification • Sanden wins the United States Environmental Protection Agency Stratospheric Ozone Protection Award • ISO 14001 activities launched • Internal auditor training starts</p> <p>97 • Yattajima Plant, Kotobuki Plant, and Iseaki Headquarters receive ISO 14001 certification • Life cycle assessment considered • Sakai Plant receives ISO 9001 certification</p> <p>98 • Sanden awarded the Deming Application Prize • Sakai Plant receives ISO 14001 certification • CFC recovery and zero emissions activities launched • Akagi Plant conducts an environmental assessment</p> <p>99 • Tokyo Headquarters and domestic frontline offices receive ISO 14001 certification • Sanden introduces environmental accounting • Sanden receives an ozone protection award from The Nikkan Kogyo Shimbun, Ltd. • Akagi Plant concludes a pollution prevention and environmental preservation treaty</p>	<p>1 9 9 0</p> <p>90 •Japan's Action Program to Arrest Global Warming launched 91 •Nippon Keidanren Global Environment Charter unveiled •Japan's Law for Promotion of Effective Utilization of Resources (Recycling Law) established</p> <p>92 •United Nations Framework Convention on Climate Change adopted •United Nations Conference on Environment and Development held •Japan's Ministry of International Trade and Industry calls for corporations to establish a voluntary environmental plan</p> <p>93 •Japan's Basic Environment Law established •Basel Convention takes effect •Energy Star Program introduced •Japan's Basic Environment Plan established</p> <p>94 •United Nations Framework Convention on Climate Change goes into effect</p> <p>95 •United Nations Framework Convention on Climate Change held the First Conference of the Parties (COP1)</p> <p>96 •United Nations Framework Convention on Climate Change held the Second Conference of the Parties (COP2) •Japan's Air Pollution Control Law revised •Japan's Water Pollution Control Law revised •ISO 14001 established •JISQ 14001 published</p> <p>97 •United Nations Framework Convention on Climate Change held the Third Conference of the Parties (COP3) •Japan's Law for the Promotion of Sorted Collection and Recycling of Containers and Packaging goes partially into effect (glass containers and PET bottles)</p> <p>98 •United Nations Framework Convention on Climate Change held the Fourth Conference of the Parties (COP4) •Japan's Law for Recycling Specified Household Appliances (Consumer Electronics Recycling Law) established •Japan's Law Concerning the Rationalization of Energy Use (Energy Conservation Law) revised •Japan's Law Concerning the Promotion of Measures to Cope with Global Warming (Global Warming Law) established</p> <p>99 •Japan's Law Concerning Reporting, etc., of Release of Specific Chemical Substances to the Environment and Promotion of the Improvement of Their Management (PRTR Law) established •Japan's Environmental Impact Assessment Law takes effect •Japan's Global Warming Law takes effect</p>
<p>2 0 0 0</p> <p>00 • Zero emissions achieved at the Kotobuki, Yattajima, and Sakai plants • Sanden Health and Safety Charter established</p> <p>01 • Sanden International (Singapore) receives an SQC award • Sakai Plant receives the Japan Greenery Research and Development Center's President's Prize</p> <p>02 • Environmental preservation-oriented Akagi Plant begins full-fledged operations • Akagi Plant receives the Nihon Keizai Shimbun's Superior Trendsetting Factories and Offices Award • Sanden awarded the Japan Quality Control Medal • Akagi area offices receive ISO 14001 certification</p> <p>03 • Akagi Plant receives the Japan Greenery Research and Development Center's President's Prize • Sanden's cup-type vending machines receive Fiscal 2003 Chairman's Award from The Energy Conservation Center, Japan</p> <p>04 • Sanden's energy-efficient system for convenience stores wins the Japan Machinery Federation's Chairman's Award for Energy-Conserving Machinery • Akagi Plant awarded the Greenery Day Minister of the Environment's Prize for Meritorious Service Related to the Natural Environment • Sanden receives the Kanto Electric Association's Award for Excellence in the Rationalization of Energy Use • Sanden's soft ice cream machine wins Outstanding Food Equipment and Materials Award (Sponsor: Nihon Shokuryo Shimbun)</p> <p>05 • Akagi Plant receives Outstanding Greenery Factory award from the chief of the Kanto Bureau of Economy, Trade and Industry • The First Global Environmental Management Promotion Conference • Start of material flow cost accounting • Launch of the EcoCute business</p> <p>06 • Sanden's plant in France wins a second place award in the "Trophées des technologies économes et propres" presented by the Environment and Energy Management Agency of France. • The Akagi Plant completes construction work based on Japan's Agricultural Law/Large-Scale Development Regulation, establishes a logistics center, and installs a 300kW solar power generation array. • Sanden receives the "highest ranking" for environmental ratings presented by the Development Bank of Japan.</p>	<p>2 0 0 0</p> <p>00 •Japan's Basic Law for Establishing a Recycling-Based Society takes effect •Japan's Law for the Promotion of Sorted Collection and Recycling of Containers and Packaging goes partially into effect (paper and plastic)</p> <p>01 •Japan's Food Recycling Law takes effect •Japan's Green Procurement Law takes effect</p> <p>02 •Japan's Fluorocarbons Recovery and Destruction Law takes effect •Japan's Soil Contamination Countermeasures Law takes effect</p> <p>03 •EU's End-of-Life Vehicles Regulations take effect •Japan's Basic Plan for Establishing a Recycling-Based Society formulated •Diesel car-related regulations and ordinances established in Japan •Japan's Ministry of Economy, Trade and Industry's Industrial Structure Council issues Declaration for an Environment-Friendly Nation</p> <p>04 •Kyoto Protocol takes effect •ISO 14001 revised</p> <p>05 •2005 World Exposition is held in Aichi, Japan •Enactment of Japan's Air Pollution Prevention Law (imposing restrictions on volatile organic compounds (VOCs)) •Amendments to Japan's Law Concerning the Rational Use of Energy (the Energy Conservation Law) revision</p> <p>06 •The EU RoHS Directive goes into effect. •Japan's Law Concerning the Recovery and Destruction of CFC's is revised. •The Law to Promote Measures to Deal with Global Warming is revised.</p>