Steps in Environmental Protection Activities

	Cosmo Oil Group
1986	Cosmo Oil Co., Ltd. established Establishment of the Environment and Safety Control Department at company headquarters, Environment and Safety Offices at oil refineries Establishment of Environment and Safety Administration Rule and Environment and Safety Countermeasures Headquarters Rule Slart of setting up and implementing annual environment and salety targets starting with "No Accident and No Disaster through the Involvement of All Employees" and "Be Creative for Environmental Protection" Start of annual environment and safety inspections at oil refineries and oil storage depots in accordance with Environment and Safety Inspection Procedure
1987	Completion of the FCC exhaust gas desulfurization unit at Sakai Oil Refinery
1988	Start of spent grain drying business at Sakai Oil Refinery
1989	
1990	Completion of cogeneration facilities at Yokkaichi Oil Refinery
1991	Dispatch of oil spill prevention expert team to the Persian Gulf
1992	Installation of atmospheric distillation flue gas denitration unit at Sakai Oil Refinery Installation of spent grain drying unit at Chiba Oil Refinery
1993	Global Environment Action Program devised and submitted to the Ministry of International Trade and Industry Global Environmental Committee Rule, following Establishment of Global Environment Committee
1994	The First Global Environment Committee meeting held, to be held annually thereafter Annual target "Challenging Global Environmental Problems" set up Completion of diesel fuel desulfurization unit at Chiba Oil Refinery
1995	Completion of cogeneration facilities at Sakai Oil Refinery Sakai Oil Refinery receives Director-General of National Resources and Energy Award for its excellent industrial energy management Introduction of industry-first 24-kiloliter tank truck Comprehensive Disaster Countermeasures Rule and Detailed Comprehensive Disaster Countermeasures Rule established (superceding existing rule and detailed regulations)
1996	"Report on the Follow-up Results of Environmental Action Plan" prepared and submitted to the Ministry of International Trade and Industry Completion of cogeneration facilities at Chiba Oil Refinery Completion of diesel fuel deep desulfurization unit at Sakai Oil Refinery
1997	Nakhodka Oil Spill Support Team established in response to a major oil spill on the Japan Sea coast by the Russian tanker, Nakhodka Sakaide Oil Refinery obtains ISO14001 certification Diesel fuel desulfurization unit Start of environmental impact assessment at Cosmo Oil's Yokkaichi Kasumi Electric Power Plant (IPP) Sakaide Oil Refinery receives Energy Conservation Center Chairman's Prize
1998	Introduction of double-hull charter tanker ISO14001 certification obtained at Chiba Oil Refinery, Yokkaichi Oil Refinery, Sakai Oil Refinery and Cosmo Matsuyama Oil Co., Ltd. Completion of gasoline benzene reduction unit Completion of No. 2 atmospheric distillation unit heating denitrification unit at Chiba Oil Refinery
1999	Release of Terra series of biodegradable lubricating oil Release of Shinsei non-chlorine diesel engine oil Nakhodka oil spill
2000	Start of full-scale development of oil-based fuel cell Sakaide Oil Refinery receives Director-General of National Resources and Energy Award Opening of Cosmo Customer Center Industrial Waste Management Rule established
2001	Publication of "Cosmo Oil Environmental Report 2001" Chiba Oil Refinery receives the Minister of Health, Labor and Welfare Commendation

Cosmo Oil receives the "Award for Excellent Companies" in the "11th Grand Prize for the Global Environment Award" (organized by Ministry of Education, Fuji Sankei Group, etc. in collaboration with World Wildlife Fund Japan)

Cosmo Oil receives third prize in the "5th Green Reporting Award" (jointly hosted by Toyo Keizai, Inc. and Green Reporting Forum)

Yokkaichi Oil Refinery receives the "Director-General of Fire-Defense Agency Award" at the "Convention on Hazardous Materials"

Petroleum Industry	Society
The Law Concerning Provisional Measures for the Import of Specific Petroleum Products enacted All premium gasoline replaced by lead-free gasoline	
	Adoption of the Montreal Protocol, the treaty for the protection of the ozone layer
	Exxon Valdez oil spill off the coast of Alaska
	Gulf War begins Massive oil spills in the Persian Gulf Keidanren Global Environmental Charter formulated and adopted Gulf War: Oil spills on the Persian O
Reduction of sulfur content in diesel fuel to less than 0.2 percent	result in major environmental dama United Nations Framework Convention on Climate Change signed Photo: oil wells in flames United Nations Conference on the Environment and Development (Earth Summit) held Request for preparation of Environmental Voluntary Plan by the Ministry of International Trade and Industry
	The Basic Environment Law enacted
	The United Nations Framework Convention on Climate Change enters into force Cabinet decision on The Basic Environment Plan
	The First Conference of the Parties to the United Nations Framework Convention on Climate Change (COP1) held in Berlin The Great Hanshin-Awaji Earthquake
Large tanker truck, 15 meters long, 24 kiloliter capacity	100 41004
Petroleum Association of Japan prepares "Control Program on Poisonous Air Pollution Substances" Law of Import Restriction on Specific Petroleum Products repealed Reduction of benzene content in gasoline to less than five volume percent	ISO 14001, an international standard for environmental management system, published The Second Conference of the Parties to the United Nations Framework Convention on Climate Change (COP2) held in Geneva Enforcement of Law on the Quality Control of Gasoline and Other Fuels Decision on Keidanren Appeal on Environment – Declaration on Voluntary Action of Japanese Industry Directed at Conservation of Global Environment in the 21st Century
Reduction of sulfur content in diesel fuel to less than 0.05 weight percent Petroleum Association of Japan prepares "The Self-Active Action Program for Global Environmental Conservation"	Nakhodka oil spill Amendment of Law concerning the Rational Use of Energy Amendment of Waste Disposal and Public Cleaning Law Environmental Impact Assessment Law enacted, followed by the revision of Electric Utilities Industry Law Petroleum Association of Japan prepares "The Self-Active Action Program for Global Environmental Conservation", following the Keidanren Appeal The Third Conference of the Parties to the United Nations Framework Convention on Climate Change (COP3) held in Kyoto
Lift of the ban on self-service stations	Decision on Guideline of Measures to Prevent Global Warming Law Concerning the Promotion of Measures to Cope with Global Warming enacted The Fourth Conference of the Parties to the United Nations Framework Convention on Climate Change (COP4) held in Buenos Aires
Cosmo Oil's self-service station	First Follow-up of Keidanren Voluntary Action Plan on the Environment Law Concerning Reporting of Releases to the Environment of Specific Chemical Substances and Promoting Improvements in their Management (the PRTR Law) enacted Law Concerning Special Measures against Dioxins enacted Fifth Conference of the Parties to the United Nations Framework Convention on Climate Change (COP5) held in Bonn
Benzene levels in gasoline reduced to less than one volume percent	Sixth Conference of the Parties to the United Nations Framework Convention on Climate Change (COP6) held in the Hague The Basic Law for Establishing the Recycling-based Society enacted Law Concerning the Promotion of Procurement of Eco-friendly Goods and Services by the State and Other Entities enacted Amendment to Waste Disposal and Public Cleaning Law
Vapor pressure of gasoline during summer lowered to 72 kPa	Seventh Conference of the Parties to the United Nations Framework Convention on Climate Change (COP7) held in Marrakech Law Concerning Special Measures against PCB Waste enacted