

Environmental Activities—Milestones

The Cosmo Oil Group and the petroleum industry		Japan and the world
1986	<p>Cosmo Oil Co., Ltd. established</p> <p>Cosmo Oil "Regulations on Environment and Safety Management" and "Regulations for the Corporate Office on Comprehensive Safety Measures" established</p> <p>All premium gasoline sold in Japan becomes unleaded</p>	
1987	FCC exhaust gas desulfurization unit at Sakai Oil Refinery completed	Montreal Protocol (of the international Convention for the Protection of the Ozone Layer) adopted
1989		Exxon Valdez runs aground, causes huge oil spill off the coast of Alaska
1990	Cogeneration facilities at Yokkaichi Oil Refinery completed	Gulf Crisis begins Massive oil spills in the Persian Gulf
1991	The Cosmo Oil Group dispatches oil spill prevention expert team to the Persian Gulf	Keidanren adopts "Keidanren Global Environmental Charter"
1992	<p>Atmospheric distillation flue gas denitrification unit installed at Sakai Oil Refinery</p> <p>Sulfur content in diesel sold in Japan reduced to less than 0.2 mass %</p>	<p>United Nations Framework Convention on Climate Change adopted</p> <p>United Nations Conference on the Environment and Development (Earth Summit)</p> <p>Japan's Ministry of International Trade and Industry requests companies to prepare Voluntary Environmental Plans</p>
1993	<p>The Cosmo Oil Group's "Global Environment Action Program" submitted to Japan Ministry of International Trade and Industry</p> <p>Cosmo Oil establishes Global Environment Committee, adopts committee regulations</p>	Japan's Basic Environment Law enacted
1994	<p>First annual Global Environment Committee meeting held, eight subcommittees created</p> <p>Cosmo Oil starts creating environmental targets annually, based on "Global Environmental Initiatives" document</p> <p>Diesel fuel desulfurization unit at Chiba Oil Refinery completed</p>	<p>United Nations Framework Convention on Climate Change (UNFCCC) enters into force</p> <p>Cabinet decision approves Japan's Basic Environment Plan</p>
1995	<p>Cogeneration facilities at Sakai Oil Refinery completed</p> <p>Sakai Oil Refinery receives National Resources and Energy Agency's Director-General's Award for excellence in industrial energy management</p>	<p>First Session of the Conference of the Parties (COP1) to the UNFCCC (Berlin)</p> <p>The Great Hanshin-Awaji Earthquake</p>
1996	<p><i>Environmental Action Plan Follow-Up Report</i> submitted to Ministry of International Trade and Industry</p> <p>Cogeneration facilities at Chiba Oil Refinery completed</p> <p>Diesel fuel deep desulfurization unit at Sakai Oil Refinery completed</p> <p>Petroleum Association of Japan prepares "Voluntary Program to Control Hazardous Air Pollutants"</p> <p>Benzene content in gasoline reduced to less than 5 volume %</p>	<p>COP2 of the UNFCCC (Geneva)</p> <p>ISO 14001 (international standard for environmental management systems) created</p> <p>Japan's Law on the Quality Control of Gasoline and Other Fuels enters into force</p> <p>Keidanren Appeal on Environment is formulated (Declaration on Voluntary Action of Japanese Industry Directed at Conservation of Global Environment in the 21st Century)</p>
1997	<p>Cosmo Oil establishes Nakhodka Oil Spill Support Team in response to major oil spill on the coast of the Sea of Japan caused by Russian tanker Nakhodka</p> <p>Sakaide Oil Refinery obtains ISO14001 certification</p> <p>Environmental impact assessments begin at Cosmo Oil's Yokkaichi Kasumi Electric Power Plant (IPP)</p> <p>Sakaide Oil Refinery receives Energy Conservation Center's Chairman's Prize</p> <p>Sulfur content in diesel fuel reduced to less than 0.05 mass %</p> <p>Petroleum Association of Japan creates "Voluntary Action Program for Global Environmental Conservation"</p>	<p>COP3 of the UNFCCC (Kyoto)</p> <p>Nakhodka oil spill</p> <p>Amendment of Law concerning the Rational Use of Energy</p> <p>Amendment of Waste Disposal and Public Cleansing Law</p> <p>Environmental Impact Assessment Law enacted, followed by amendment of Electric Utilities Industry Law</p> <p>Petroleum Association of Japan prepares "Voluntary Action Program for Global Environmental Conservation," in response to the Keidanren Appeal</p>
1998	<p>Cosmo Oil introduces double-hulled tankers on regular routes</p> <p>Chiba, Yokkaichi, and Sakai refineries and Cosmo Matsuyama Oil Co. obtain ISO 14001 certification</p> <p>Gasoline benzene reduction unit completed</p> <p>No. 2 atmospheric distillation unit heating denitrification unit completed at Chiba Oil Refinery</p>	<p>COP4 of the UNFCCC (Buenos Aires)</p> <p>Cabinet decision adopts national Guideline of Measures to Prevent Global Warming</p> <p>Law Concerning the Promotion of Measures to Cope with Global Warming enacted</p>
1999	<p>Sales launch of "Terra Series" biodegradable lubricating oil</p> <p>Sales launch of "Shinsel" chlorine-free diesel engine oil</p>	<p>COP5 of the UNFCCC (Bonn)</p> <p>First Follow-up of Keidanren Voluntary Action Plan on the Environment</p> <p>PRTR Law (on pollutant release and transfer registers) promulgated</p> <p>Law Concerning Special Measures against Dioxins promulgated</p>
2000	<p>Sakaide Oil Refinery receives National Resources and Energy Agency's Director-General's Award</p> <p>Cosmo Customer Center opens</p> <p>The Cosmo Oil Group "Industrial Waste Management Regulations" established</p> <p>Benzene levels in gasoline reduced to less than 1 volume %</p>	<p>COP6 of the UNFCCC (the Hague)</p> <p>Basic Law for Establishing a Recycling-Based Society is promulgated in Japan</p> <p>Law Concerning the Promotion of Procurement of Eco-Friendly Goods and Services by the State and Other Entities is promulgated</p> <p>Waste Disposal and Public Cleansing Law is amended</p>
2001	<p><i>Cosmo Oil Environmental Report 2001</i> published</p> <p>Chiba Oil Refinery receives commendation from Minister of Health, Labour and Welfare</p> <p>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)</p> <p>Cosmo Oil receives third prize in the "5th Green Reporting Award" (jointly hosted by Toyo Keizai, Inc. and Green Reporting Forum)</p> <p>Yokkaichi Oil Refinery receives Fire Defense Agency's Director-General's Award at Convention on Hazardous Materials</p> <p>Gasoline vapor pressure during summer lowered to 72 kPa</p>	<p>COP7 of the UNFCCC (Marrakech)</p> <p>Law Concerning Special Measures against PCB Waste is promulgated</p> <p>Central Environment Council (Japan's top government advisory body on the environment) issues recommendation on soil conservation methods</p>
2002	<p>"Cosmo the Card Eco" credit card program launched</p> <p>Sales of diesel with 50 ppm sulfur content launched</p>	<p>COP8 of the CNFCCC (New Delhi)</p> <p>Soil Pollution Countermeasures Law enters into force</p> <p>Japan ratifies the Kyoto Protocol</p> <p>Iraq War</p> <p>World Summit on Sustainable Development (WSSD) in Johannesburg</p>