The JFE Group has a long history of responding to the environmental problems of the times with technology, based on a clear understanding of the needs of a changing society.

1965 1970 1975 1980 1985 1990		1995	2000	20
Social Trends 75 Second Oil Crisis 67 Implementation of Basic 79 Implementation of Pollution Control Law 72 United Nations Conference on the Human Environment (Stockholm): Adoption of Stockholm Declaration 73 First Oil Crisis	91 Implementation of Law for Promotion of Effective Utilization of Resources (Recycling Law) 92 Earth Summit in Rio de Janeiro 93 Adoption of Framework Convention on Climate Change, Agenda 21, and Convention on Biological Diversity	Framework Conventio Adoption of Kyoto Pro '98 In	the Parties of the United Nations on Climate Change (COP3):	ociety 02 Implementation of Soil Contamination Control Law
Environmental Protection & Energy-Saving Activities at Works				
General Measures  '80 Establishment of energy control regulations Section in Head Office Technology Dept.  '70 Establishment of companywide Environmental Management Committee  '71 Establishment of Environmental Management Dept.  '72 Establishment of environmental control regulations  '70 Pollution Prevention Agreement with Kanagawa Pref., Kawasaki City, and Yokohama City  '71 Pollution Prevention Agreement with Hiroshima Pref. and Fukuyama City  '72 Pollution Prevention Agreement with Okayama Pref. and Kurashiki City  '74 Pollution Prevention Agreement with Chiba Pref. and Chiba City	'91 Establishment of Global Environmental Charter by Keidanren (Japan Business Federation) '91 Establishment of Coordinating Committee for Global Environmental Issues '93 Establishment of Guideline and Program Principle for Activities for Global Environmental Protection  '94 Settlement of suit concerting Chiba Works No. 6 BF	'96 Settlement of Kawasaki '98 IS pollution suit '96 Settlement of Kurashiki pollution suit '97 ISO14001 certification	of Mizushima (Kurashiki) Works '01 Establishment	'02 Start of JFE Group (Sept.)  '03 Start of 5 operating companies (April)  '03 Start of Environmental Management Network System t of & Energy Liaison Center
Energy-saving '73-78 '79-85 '86-94 Activities 1st Period 2nd Period 3rd Period		'95–'02		°03– 5th Period
Energy saving by Introduction of large- operational scale waste heat conversion to low-cost fuels improvements (reduced recovery equipment, fuel consumption by power saving reheating furnaces, etc.) reason to low-cost fuels conversion to low-cost fuels power saving reheating furnaces, etc.)	n, energy-saving operation, '94 Introduction of regenerative burners	4th Period  Energy saving for global warming prevention		Thorough effort for global warming prevention
Supply of Environment-friendly Products, Engineering Technolo	gy, Equipment			
Supply of Environment-friendly: Steel Products, Equipment  '80 TMCP high strength steel plates '83 Rust stabilizer for weathering steel '86 Start of production of stainless	'92 Oriented electrical sheets for high efficiency transformers '93 Martensitic stainless steel tubes clad plates '91 Fire resistant steel construction products '91 Heat-treated rails	(h '98 Ni '98 W '98 BF	Overlopment of Super-OLAC technology for plates high strength, high toughness, high weldability)  10 Lead-free free-structural use  Vater-permeable steel sheet piles	Blank food cans  loy steel powder (heat treatment-free) icon for solar cells cutting bars for machine
Supply of Clean, Energy-saving Technologies  '66 Startup of Matsukawa Geothermal Power Plant '81 Startup of in-ground LNG storage tank '81 Gas engine cogeneration system  Supply of Environmental Protection Equipment  '73 Startup of stoker type waste incinerator '87 Startup of sewerage sludg fermentation plant	methane  '91 Startup of large-scale deep-shaft night soil treatment facility	97 Startup of circulating f boiler turbine power p 98 St 97 Startup of electric resis ash melting furnace	istance type  '00 Startup of JFE THERMOSELECT gasifying & melting furnace '00 Startup of U-tube ozone contact eq	high efficiency fuel cell power generation (SOFC)  103 Startup of BIGADAN process biogas system  103 Order for JFE-Babcock & Wilcox Volund fixed-bed updraft gasifier for wood chips  103 Startup of RDF gasifying power generation plant  103 Order for clathrate hydrate slurry (CHS) latent heat air-conditioning system  102 Startup of sewerage sludge circulating fluidized bed incinerator
1965 1970 1975 1990 1995 1990		1005	01 Completion of	Seawater exchange-type hybrid caisson     Contract the seawater exchange type hybrid caisson     Seawater exc

Environmental Report 2004 | 10