Action Plan for Key Issues (Initiatives) $\ensuremath{\,\mathbb I}$

Correspondance to climate change						
Risks	Weakening of the existing energy businesses					
	 Reduction of demand for fossil fuels due to the regulation of businesses' greenhouse gas emissions, etc. 	SDGs Target				
Opportunities	·Expansion of the alternative fuel market and increase of sales opportunities accompanying the rising	2 Million 2 (19 Million 21 Million 22 Million 21 Million				
	demand for alternative fuels					
	 Creation of opportunities to construct infrastructure for hydrogen and other new energies 					
	 Rising demand for renewable energy and creation of new business opportunities 					
	 Expansion of the market that expects that social issues will be solved through business processes 					
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Sector Alternative fuel	Commodity/business Renewable diesel	Initiative Accelerating	т	arget	Year Short	Progress and Review Although RD demand was increasing, results did not reach the target
Alternative ruer	Nellewable diesel	advanced use and increased use of		FY2022 FY2023 FY203	term.	due to mitigation measures. It began to be used by the JR Group and others for demonstration
		next-generation fuel (renewable	Promote RD Target	3,000 KL 1,000 KL 100,000		experiments and by large general constructors for delivery vehicles.It was delivered to the venues of the Formula One Grand Prix race
		diesel (RD) and gas-to-liquids (GTL)	Achievement	292 KL 9.73%		in Japan and the Super Formula event. • Adopted for the Carbon Neutral Technology Development and
	GTL	fuel)	rate			Verification Project of Osaka Prefecture • Maersk, the world's second largest container shipper, and Daikin Industries foilthy introduced the BD to Land transport
				FY2022 FY2023 FY202	10	Industries jointly introduced the RD to land transport. The GTL was outside the scope of the mitigation measures. Results
			Promotion of Target	60,000 KL 17,000 KL 170,000		were far below the target because of a widening price gap with diesel oil.
			GTL sales Results Achievement	21,000 KL		 It began to be supplied to the Omuta Asphalt Plant of Sumiken Mitsui Road for its burners. (From fiscal 2022 onwards, it is used in
	Ammonia	Early	rate	35% ia fuel supply locations (Japan ar	id 2030,	heavy machinery as well.) Ongoing review by the Council
		implementation of ammonia as a	Singapore), the construction of a supply safety guidelines with the	a supply chain and the formulation 23 companies participating in a	n of 2050	
	Hydrogen	marine fuel Building a hydrogen	council for the implementation of Feb. 2021: ITOCHU ENEX, Air Li		2030,	 Opening is scheduled in the first half of 2024 as planned.
	nyarogan	value chain	Corporation sign a memorandum collaboration for construction of	n of understanding on strategic	2050	Hydrogen station construction is expected to commence around Aug. 2023 and to finish in Dec. 2023.
			Fiscal 2023: Be involved in the s hydrogen stations for commercia	tart of construction and operation al vehicles and trucks	of	
			2030: Enter the hydrogen energ closing watching these market to	y market and the EV market after rends		
	LNG	Creating a business to supply liquified	ITOCHU, KYUSHU ELECTRIC PO SAIBUGAS CO., LTD. will establi	WER CO., INC., NYK Line, and sh a joint venture to build and ow	Start of n supply	 Joint venture of four companies: A bunkering carrier of KEYS Bunkering West Japan will reach completion in Mar. 2024.
		natural gas (LNG) for vessels	an LNG distribution vessel and c vessels in the Kyushu and Setou	arry out a business selling LNG fo chi areas.	r Apr. 2024	covering the Seto Inland Sea and further west
						 The carrier is equipped with a dual fuel engine for LNG and heavy oil to exhibit environmental performance.
Renewable energy	Renewable Energy Business	Promoting solar power generation	Expand the number of renewabl operated by the Group.	e energy power generation faciliti	es 2030	Renewable energy generation capacity as of Jul. 31, 2023: 269 MW (Breakdown: 27.9 MW owned by the Group + 240.8 MW owned by
		businesses		ten effectiveness and so also be	Ch t have	EIF)
	Biomass power generation business	Commencement of the biomass power generation business	Development and start of operat	ion of a biomass power plant .	Short term	 Trial operation will begin in Dec. 2022, and commercial operation will begin in Apr. 2023 (in collaboration with Oji in Anan City, Tokushima Prefecture)
	Self-consumption solar	-	[Private consumption type]		Short	[Private consumption type]
	power generation business and solar	consumption solar power generation	Promote the popularization of s solar power generation systems	olar power generation by installir in factories, stores and houses ar		As of the end of Jul. 2023, systems had been introduced to a total of 10 locations.
	power-based agricultural business	business and a solar power-based	proactively developing a busines [Agricultural]			(Enex Fleet Nishinomiya Interchange Car-Life Station, Kohnan, Watanabe Sato, Kinugasa Transport, ITOCHU INDUSTRIAL GAS
	(solar power sharing)	agricultural business (solar power sharing)		r power-based agricultural busine e the popularization of renewable pused arable land (fiscal 2021)	SS	Matsuyama Plant, Sanyo's Plant No. 1, Onomichi Kumika Industry, Ichimasa Kamaboko Headquarters Factory No. 2, and ITOCHU ENEX
		power snanng)	energy and the endent use of the	nuseu arabie land (liscal 2021).		Sodegaura Asphalt Base) [Agricultural] Four in operation (FIT) in Anan City, Tokushima Prefecture (as of the
						end of Jul. 2023)
	Energy Storage Business	Develop a storage battery business	Respond to demand and develop businesses and homes.	a storage battery business for	2030	 Power storage stations for the grid and a business of storage batteries for businesses and for households remain under consideration.
	Overseas development	Overseas		ess leasing solar power generation	n 2030	 As of the end of Jul. 2023, seven contracts had been signed in
	of other businesses related to renewable	development of other businesses related to	equipment.			Thailand.
	energy	renewable energy				
Electric vehicles	Sales	Sales of Nissan electric vehicles	Promote sales of electric vehicles	ð.	Every year	 Sales of EV vehicles are strong at Nissan Osaka Sales Co., Ltd. After application of life cycle assessment (LCA), CO2 emissions from EVs
		that are environmentally				are around 32% lower with regard to the LEAF brand, around 18% lower with respect to the ARIYA brand, and around 17% lower for the SAKURA brand, when compared with those of Japan-made gasoline
		friendly zero emissions cars				vehicles in their respective comparable grades. (according to a comparison when driving 10 km with vehicles made in Japan)
	Infrastructure	Increased	Increase the stores equipped wit	h electric vehicle chargers and	Every year	Number of chargers installed at directly operated CSs and dealers
	development	convenience for electric vehicle users	improve services.			as of Jun. 30, 2023: 94 units (89 locations)
	Electric vehicle sharing	Developing an		e community electric-vehicle-bas		Operating for public offices (existing EVs for public use). Creating
	service	electric vehicle sharing service	car sharing service in fiscal 2021 of communities through a comb	. Contribute to the decarbonization nation of EVs and renewable	n	case studies and considering sales strategies for the private sector.
Energy solutions for	Smart devices	Promote sales of household storage	systems: solar power generation	uction of two electricity generation systems and ENE-FARM, which a	are	 157 Enefarm units (as of the end of Mar. 2023)
storage batteries /		batteries and power generation	power storage system that enab	note sales of a home-use lithium les to use electric appliances usin		 19 storage battery units (as of the end of Mar. 2023)
household products	LPG (for household	systems Reduction of CO2	- Promote the popularization of	Diackout due to a disaster. ENE-FARM, ECO-JOZU, GHP, and	Every year	LPG high-efficiency equipment sales results
	and business use) and high-efficiency	emissions through sales of LPG	glass-topped induction stoves. - Promote self-consumption thro	ugh the popularization of solar		Glass-top stoves: 11,192 units (as of the end of Mar. 2023) Eco Joes: 23,079 units (as of the end of Mar. 2023)
	equipment	(for household and business use) and high-efficiency	power generation plus lithium io electricity purchasing service for from FIT.	n battenes. Develop a surplus customers who no longer benefit		 GHPs: 19 units (as of the end of Mar. 2023)
		equipment	-			
Other environmental	Provision of heat	Contributing to energy	the initial development stages to	energy and town development fr subsequent management in		 Tokyo Toshi Service continues offering regional heat supply and energy management services.
businesses		conservation by expanding the regional heat	cooperation with customers and realization of a decarbonized soc	communities to contribute to the iety.		
	AdBlue	sunnly husiness Manufacture and		and expand delivery centers (SP		• For fiscal 2023, efforts will be made for greater delivery efficiency
		sale of AdBlue, a water and urea	arrange a stable supply system t	o be ready for quantity increases.	2030	and continued sales expansion.
		solution	Target	FY2022 FY2023 FY203 110,000KL 140,000KL 200,00		
			Results Achievement	100,000KL 90.90%		
	Support decarbonization	Stepping up customer support in	Work with business partners sup greenhouse gas (GHG) emission	porting the visualization of s for customers to provide support		 Initiatives for SDGs business feasibility assessments were conducted for fiscal 2022.
	management	decarbonization management		and energy conservation support		 Support for GHG emissions visualization and for target settings and planning and services to support the introduction of reduction
						 solutions were established and are now being offered. ITOCHU ENEX's sales department carried out a calculation using
						primary data on Scope 1, 2 and 3 emissions • In Aug. 2022, the Tango Textile Industrial Association in the city of Kyotango commenced steam supply from LP gas-fired boilers and
						Tokyo Toshi Service started remote monitoring of facilities. Continue to maintain and improve boiler efficiency.
Reduction of	Energy conservation,	Accelerating the	[Energy conservation in office		Every	[FY2022 results for energy savings]
environmental impact within	transition to green energy at offices and	transition to green energy and	(LPG and fuel oil), and vehicles'	umption, offices' fuel consumptio fuel usage (reduce the use of	2030	 General electricity consumption: 91% (Achieved compared to the target and the previous year. Reduction by power saving and use of UP liebling in effective.
the organization	green office activities	reducing the consumption of electric power,	e-fuel). Reduce copier paper, wa (99% of the previous year's resu	switch to GTL, HVO, electricity an ter consumption, and waste outp lts respectively).	ut	LED lighting in offices) • Fuel for offices: 90% (achieved over the previous year), fuel for vehicles: 99% (achieved over the previous year)
		fuels, photocopy paper and water	[Transition to green energy a	offices]		Copy paper: 97% (target and previous year's levels achieved)
		and the amount of waste		Car-Life Stations run by Enex Fle	et	[FY2022 results for green energy conversion] • A self-consumption solar power generation system was installed at
			and 10 run by Kyushu Energy (b	y 2030).		Enex Fleet Nishinomiya Interchange Car-Life Station. • A self-consumption solar power generation system was installed and the fuel for heating boilers was shifted from heavy oil to the GTL
						fuel at TTOCHU ENEX Sodegaura Asphalt Base. A self-consumption solar power generation system was installed at
						Itochu Industrial Gas' Higashimatsuyama Plant. • Green electricity with a non-fossil certificate was introduced to the
						Head Office in Kasumigaseki in fiscal 2020 (and it has since been used there).
						 All lighting at the Head Office in Kasumigaseki was replaced with LED lighting (by the manager of the building). Solar power generation systems were installed at plants,
						warehouses and other facilities to provide services that help customers cut their CO2 emissions and energy costs.
	Preventing	Preventing	Prevent soil/environmental pollu		Every year	
	environmental pollution	soil/environmental pollution	drainage discharge and the use appropriately dispose of harmful			
	Increasing the efficiency of systems	Reducing CO2 emissions and	helps fulfill the obligations of spe	ses energy-saving awareness and cified consignors under the Act o	n	[Eco-driving training for supply chains] • Ongoing
	and logistics	improving efficiency in the transport	Rationalizing Energy Use and re- personnel of commissioned truck	duce CO2 to supply chains (delive coperators and group companies	ry	[State of introduction of LPWA terminals (at eight sales
		process through DX	low-power wide-area (LPWA) sy	ic meter reading with the use of t stem and streamline deliveries fo ers' introduction of LPWA for dire		 companies in the Home-Life business)] A total of 437,127 terminals installed to cover 79% of the customers (on the basis of valves opened)(as of Mar. 2023)
			sales. Conduct inspections using		~	costonicia (on the basis of valves openeu)(dS of Mar. 2023)

			CO2 reduction. Promote customers' introduction of LPWA for direct sales. Conduct inspections using iPads to enable paperless operations and improve efficiency.		customers (on the basis of valves opened)(as of Mar. 2023)
	Coal-fired power plant	Reducing the environmental impact of coal-fired power plants	Utilize non-fossil fuels (mixed fuel firing demonstration experiment under consideration). Change and appropriately operate equipment and other initiatives.	2030	 In Dec. 2022, Hofu Energy Service succeeded in the experiment of mixed combustion with black pellets. Measures for lowering environmental impacts, including a fuel shift, are being considered ahead of the reduction target for fiscal 2030.
	ISO activities	ISO14001 (environmental management)	Maintain certification. Promote environmental protection and improvement activities. Continue to implement the PDCA cycle at all group companies appropriately using their functional environmental management systems Ensure safe operations through thorough compliance at all offices.	Every year	In Jul. 2022, ITOCHU ENEX underwent an annual surveillance audit performed by the Japan Audit and Certification Organization for Environment and Quality (JACO) to maintain certification for fiscal 2022. We will continue to work on efficient energy consumption and legal compliance based on our environmental management system. (The audit for fiscal 2023 is scheduled in July.)
	Environmental conservation activities	Forest and marine environment, biodiversity conservation activities	[Environmental preservation] Contribute to C22absorption by contributing to afforestation and environmental conservation. Contribute to C02 absorption through environmental conservation activities, such as the regeneration of blue carbon ecosystems. Commence initiatives in fiscal 2022. [Biodiversity conservation] Promote the activity of conservation of biodiversity.	2030, Every year	projects for two local governments, namely the Yusuhara-cho and Nichinan-cho town governments, through the Corporate Version of Hometown Tax. That helps plant trees in an appropriate total of 35 heatras since fields 2021 and reduce approximately 570 t of CO2 over five years. I TIOCHU FNEX signed a agreement for joint mesarch on blue carbon with the University of Tokyo and with the Fukura Fisheries Industry Cooperative Society. They started cultivation of wakame saweed in Dec. 2022, hanested in Apr. 2023 and carried out measurements and others. On the basis of findings from the verification in 2022, preparations are being made for a second cultivation of wakame saweed the UTOCHU ENEX donated 100 yen per case of electronic exercise of shareholders' voting rights to the building of a community in the Hokaido town of Naganuma-chowhere the red-crowned crane (Grus japonensis) can live.(614,100 yen donated in fiscal 2023)
	Conservation of regional environments through compliance with security regulations	Reinforcing a security system, strengthening security checks, and improving security knowledge	Fully prevent accidents by standardizing and improving security management systems in accordance with non-statutory security standards in addition to legally mandated inspections. Carry out training activities and improve averancess. Promote the ubiquitization of computerized documents for security inspections and audits.	Every year	 Various materials for safety education (15 types per product) and seven manuals related to submissions to governmental offices were prepared. Safety education was provided using videos (e-learning). Follow-up to promote qualification acquisition For smatt safety initiatives, the introduction of DX was considered and facility-related materials were converted into digital materials (to increase work efficiency and pass down technologies to future 2023. Improved operational efficiency by completing audits, reports, and transmittals within the system.

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