FY 2023 Targets & Results / FY 2024 Targets

Goal & target Theme		FY 2023		FY 2024
		Environmental target	Results	Environmental target
Measures to combat global warming	1	Reduce CO2 emissions caused by the use of products designed to save energy at customers. • Deciding and formulating plans for subject products designed to save energy • Product development based on the plans	Continue activity Continue activity	Reduce CO ₂ emissions caused by the use of products designed to save energy at customers. • Development and sale of energy-saving products • Measurement of power consumption by product on the production line
	2	Replace low-temperature refrigerants (R-23, R-508A) with low-GWP substitute refrigerants in three products.	Targets not achieved, and reviewed	Establishment of refrigeration technologies for low-GWP refrigerant usage and development of refrigeration modules
	3	Reduce CO ₂ emissions at suppliers. • Reducing CO ₂ emissions by 10% (compared to FY 2019 levels) • Holding CO ₂ reduction study workshops for suppliers	 9% reduction (45 suppliers*) Study workshop for suppliers, held twice 	Reduce total CO ₂ emissions by 15% (compared to FY 2019) at suppliers
	4	Work to improve the CFC recovery system when products are scrapped. • Identifying CFC recovery results and organizing issues	• Survey conducted	Work to improve the CFC recovery system when products are scrapped. • Confirming and installing fluorocarbon recovery devices • Confirming and setting up the fluorocarbon processing and management flow
	5	Reduce total CO ₂ emissions from business activities by 52% (compared to FY 2019) Applies to the consolidated Group	Reduced by 43.7%	Reduce total CO ₂ emissions from business activities by 54% (compared to FY 2019) *Applies to the consolidated Group
	5-①	Implementation of measures to reduce leakage when products are charged with CFC	Target reached, continue activity	Implementation of measures to reduce leakage when products are charged with CFC
	5-@	Measures for improved energy conservation • Replacement of equipment at laboratory testing service sites with energy-saving test chambers • Switching to energy-saving equipment and formulation of an investment plan for next fiscal year at our main offices	 Targets not achieved, and reviewed Target reached 	 Measures for improved energy conservation Disposal of obsolete equipment at laboratory testing service sites and replacement with energy-saving test chambers Analyzing energy-saving and formulation of an energy-saving investment plan for next fiscal year at our main offices
	5-3	Installation and launch of in-house power generation facilities based on action plans	Continue activity	Consideration of introduction of in-house power generation facilities when setting up new offices
	5-④	Improving the renewable energy introduction rate at offices worldwide •Renewable energy usage rate at overseas offices: 55%	Continue activity	Improving the renewable energy introduction rate at offices worldwide • Renewable energy usage rate at overseas offices: 60%
	5-5	Changing company vehicles to EV • Replacing 10% of domestic group companies' vehicles with EVs (electric vehicles)	 Targets not achieved, and reviewed 	Replace 5% of domestic group companies' vehicles with EVs (excluding some service vehicles)
Preserving biodiversity	6	Contribute to sequestering CO ₂ by planting trees through our environmental preservation business. •Number of forest creation projects: 10 per year •Number of trees planted under guidance: 9,750 per year (amount of CO ₂ sequestered: equivalent to 18.3 t)	• 17 projects/year • 26,202 trees/year (CO2 equivalent: 49.2 tons)	Contribute to sequestering CO2 by planting trees through our environmental conservation business. • Number of forest creation projects: 14 per year • Number of trees planted under guidance: 13,650 per year (amount of CO2 sequestered: equivalent to 25.6 t)
	7	Work to expand orders for land evaluations, implementation guidance, and contracting related to preserving biodiversity. • Number of orders: 15 per year	• 34 projects/year	Work to expand orders for land evaluations, implementation guidance, and contracting related to conserving biodiversity. • Number of orders: 24 per year
	8	As part of events to commemorate the 75th anniversary of our founding, we hold the first ESPEC 50 Year Forest tree-planting festival in forest land owned by the national government at Ettakuji Temple in Sanda City, Hyogo Prefecture. • Number of trees planted: 4,000	• 4,000 trees	As part of events to commemorate the 75th anniversary of our founding, we hold the 3rd ESPEC 50 Year Forest tree-planting festival in forest land owned by the national government at Eitakuji Temple in Sanda City, Hyogo Prefecture. • Number of trees planted: 4,000
	9	 Train human resources through environmental education at ESPEC Green School. Expanding and carrying out environmental education for employees at consolidated group companies in Japan Number of trainees: 100 per year Expanding and improving environmental education for local businesses and schools Enhancing funding from the public trust, ESPEC Foundation for Global Environment Research and Technology Number of projects for funding: 15 or more per year 	 Organization of environmental training system, creation of teaching tools, and provision of training Expanded/improved education in regions 18 projects/year 	 Train human resources through environmental education at ESPEC Green School. Expand and carry out environmental education for employees at consolidated group companies in Japan Expand and improve environmental education for local businesses and schools Enhance funding from the public trust, ESPEC Foundation for Global Environment Research and Technology Number of projects for funding: 15 or more per year
	10	Aim to increase the number of products collected by our product recycling service to 120% of the FY 2019 number.	115%	Aim to increase the number of products collected by our product recycling service to 135% of the FY 2019 number.
Other	11	Observe laws related to chemical substances contained in products. • Activities for maintaining EU-RoHS and review of the compliance process for the next RoHS revision • Compliance with REACH • Improvement of company systems for compliance with chemical substances contained in products	Continue activity Continue activity Continue activity	Observe laws related to chemical substances contained in products. • Activities for maintaining EU-RoHS and standardization of the compliance process for the next RoHS revision • Compliance with REACH • Improvement of company systems for compliance with chemical substances contained in products
	12	 Engage in manufacturing that does not produce pollution or waste in the development, design, or production processes. Reduction of parts that use plastic by replacing them with alternative parts Achieving 94% zero emissions of industrial waste at consolidated group companies in Japan (FY 2021: 86.9%) 	 Targets not achieved, Continue activity Targets not achieved, Continue activity 	Engage in manufacturing that does not produce pollution or waste in the development, design, or production processes. • Reduction of parts that use plastic by replacing them with alternative parts • Promote initiatives to achieve 99.5% zero emissions of industrial waste at consolidated group companies in Japan
	13			Identify and address water risks associated with business activities. • Monitor water usage and drainage management status associated with business activities
	14	 Work to expand information disclosure for purposes such as compliance with CDP and TCFD. Promoting activities aimed at an environmental management target of an A- score in the CDP climate change report and disclosing more information on biodiversity conservation Disclosing information in accordance with Task Force on Climate-related Financial Disclosures (TCFD) 	 B score, selected as Supplier Engagement Leader Completed 	 Work to expand information disclosure for purposes such as compliance with CDP and TCFD. Promoting activities aimed at an environmental management target of an A-score in the CDP climate change report and responding to the integrated questionnaire Disclosure of information in accordance with the Task Force on Climate-related Financial Disclosures (TCFD), and preparations towards information disclosures based on FY 2025 TNFD (Taskforce on Nature clated Financial Disclosures)

* The number of the ESPEC CORP.' s 126 green suppliers who set CO₂ emissions reduction targets