

FY 2022 Targets & Results / FY 2023 Targets

Goal & target Theme		FY 2022		FY 2023
		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	Reduce CO2 emissions caused by the use of products designed to save energy at customers. ●Product development based on the plans ●Improvement of each product' s power consumption
	2	Replace low-temperature refrigerants (R-23, R-508A) with low-GWP substitute refrigerants in three products.	Continue activity	Replace low-temperature refrigerants (R-23, R-508A) with low-GWP substitute refrigerants in five products.
	3	Reduce CO2 emissions at suppliers. ●Establishment of a results collection system and disclosure of results for the reference year ●Holding CO2 reduction study workshops for suppliers	●Completed ●Held 2 study workshops	Reduce CO2 emissions at suppliers. ●Reducing CO2 emissions by 10% (compared to FY 2019 levels) ●Holding CO2 reduction study workshops for suppliers
	4	Work to improve the CFC recovery system when products are scrapped. ●Identifying CFC recovery results and organizing issues	Completed	Work to improve the CFC recovery system when products are scrapped. ●Surveys and studies to expand and improve the CFC recovery system
	5	Reduce total CO2 emissions from business activities by 52% (compared to FY 2019)	Reduced by 82%	Reduce total CO2 emissions from business activities by 53% (compared to FY 2019)
	5-①	Reduction of leakage when products are charged with CFC	Continue activity	Implementation of measures to reduce leakage when products are charged with CFC
	5-②	Measures for improved energy conservation ●Replacement of equipment at laboratory testing service sites with energy-saving test chambers ●Formulation of a plan for investment in energy-saving equipment at our main office ●Switching from GHP to EHP	●Targets not achieved, and reviewed ●Completed ●Completed	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
	5-③	Investigation and formulation of action plans for improving the ratio of on-site power generation	Completed	Installation and launch of in-house power generation facilities based on action plans
	5-④	Improving the renewable energy introduction rate at offices worldwide ●Maintaining a 100% renewable energy usage rate at offices in Japan ●Study for renewable energy introduction at overseas offices	●Maintained/continued ●Continue activity	Improving the renewable energy introduction rate at offices worldwide ●Renewable energy usage rate at overseas offices: 55%
	5-⑤	Changing company vehicles to EV ●Formulation of an investment plan for switching company vehicles to EV	Continue activity	Changing company vehicles to EV ●Replacing 10% of domestic group companies' vehicles with EVs (electric vehicles)
Preserving biodiversity	6	Contribute to sequestering CO2 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 CO2 sequestered: equivalent to 18.3 t)	●20 projects/year ●47,714 trees/year (CO2 equivalent: 90 tons)	Contribute to sequestering CO2 by planting trees through our environmental preservation business. ●Number of forest creation projects: 12 per year ●Number of trees planted under guidance: 11,700 per year (amount of CO2 sequestered: equivalent to 22.0 t)
	7	Work to expand orders for land evaluations, implementation guidance, and contracting related to preserving biodiversity. ●Number of orders: 15 per year	●31 projects/year	Work to expand orders for land evaluations, implementation guidance, and contracting related to preserving biodiversity. ●Number of orders: 18 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 Eitakuji 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 2nd 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	●Completed reorganization of environmental training system ●Expanded/improved education in regions ●18 projects/year	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: 200 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
Other	10	Aim to increase the number of products collected by our product recycling service to 110% of the FY 2019 number.	102% (compared to FY 2019 levels)	Aim to increase the number of products collected by our product recycling service to 120% of the FY 2019 number.
	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	●Completed ●Continue activity ●Completed	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 90% zero emissions of industrial waste at consolidated group companies in Japan (FY 2021: 86.9%)	●Continue activity ●Re-examined definition of zero emissions	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%)
	13	Work to expand information disclosure for purposes such as compliance with CDP and TCFD. ●Activities aimed at an environmental management target of an A- score in the CDP climate change report ●Disclosing information in accordance with Task Force on Climate-related Financial Disclosures (TCFD)	●B score, selected for first time 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 disclosing more information on biodiversity preservation ●Disclosing information in accordance with Task Force on Climate-related Financial Disclosures (TCFD)