

FY 2024 Targets & Results / FY 2025 Targets

Goal & target Theme		FY 2024		FY 2025
		Environmental target	Results	Environmental target
Measures to combat global warming	1	Reduce CO ₂ emissions caused by the use of products designed to save energy at customers. <ul style="list-style-type: none">•Development and sale of energy-saving products•Measurement of power consumption by product on the production line	<ul style="list-style-type: none">•Target reached•Target reached	Reduce CO ₂ emissions caused by the use of products designed to save energy at customers. <ul style="list-style-type: none">•Promotion of LCA (Life Cycle Assessment) and Environmentally Conscious Design Revision of Guidelines•Measurement of power consumption by product on the production line
	2	Establishment of refrigeration technologies for low-GWP refrigerant usage and development of refrigeration modules	Plan reviewed and implemented	Establishment of refrigeration technology for low-GWP refrigerant applications and development of products equipped with low-GWP refrigerants
	3	Reduce total CO ₂ emissions by 15% (compared to FY 2019) at suppliers	34 % reduction (59 suppliers*1)	Reduce total CO ₂ emissions by 20% (compared to FY 2019) at suppliers
	4	Work to improve the CFC recovery system when products are scrapped. <ul style="list-style-type: none">•Confirming and installing fluorocarbon recovery devices•Confirming and setting up the fluorocarbon processing and management flow	<ul style="list-style-type: none">•Continue activity•Continue activity	Work to improve the CFC recovery system when products are scrapped. <ul style="list-style-type: none">•Trial operation of fluorocarbon recovery conducted
	5	Reduce total CO ₂ emissions from business activities by 54% (compared to FY 2019) *Applies to the consolidated Group	34 % reduction*2	Reduce total CO ₂ emissions from business activities by 55% (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
	5-②	Measures for improved energy conservation <ul style="list-style-type: none">•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	<ul style="list-style-type: none">•Target reached, continue activity•Completed	Measures for improved energy conservation <ul style="list-style-type: none">•Disposal of obsolete equipment at laboratory testing service sites•Results of FY2024 energy-saving diagnosis applied to renovation plans at major domestic factories
	5-③	Consideration of introduction of in-house power generation facilities when setting up new offices	Review conducted; decision made to postpone installation of in-house power generation facilities	
	5-④	Improving the renewable energy introduction rate at offices worldwide <ul style="list-style-type: none">•Renewable energy usage rate at overseas offices: 60%	<ul style="list-style-type: none">•0 % Introduction of renewable energy at U.S. Group companies to begin in April 2025	Improving the renewable energy introduction rate at offices worldwide <ul style="list-style-type: none">•Renewable energy usage rate at overseas offices: 65%
	5-⑤	Replace 5% of domestic group companies' vehicles with EVs (excluding some service vehicles)	Targets not achieved, and reviewed	Replaced 3% of company-owned vehicles in domestic Group companies (excluding some service cars) with EVs (electric vehicles) or PHEVs (plug-in hybrid vehicles)
Preserving biodiversity	6	Contribute to sequestering CO ₂ by planting trees through our environmental conservation business. <ul style="list-style-type: none">•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)	<ul style="list-style-type: none">•27 projects/year•15,588 trees/year (CO₂ equivalent: 29 tons)	Contribute to sequestering CO ₂ by planting trees through our environmental conservation business. <ul style="list-style-type: none">•Number of forest creation projects: 15 per year•Number of trees planted under guidance: 15,000 per year (amount of CO₂ sequestered: equivalent to 29 t)
	7	Work to expand orders for land evaluations, implementation guidance, and contracting related to conserving biodiversity. <ul style="list-style-type: none">•Number of orders: 24 per year	<ul style="list-style-type: none">•41 projects/year	Work to expand orders for land evaluations, implementation guidance, and contracting related to conserving biodiversity. <ul style="list-style-type: none">•Number of orders: 30 per year
	8	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. <ul style="list-style-type: none">•Number of trees planted: 4,000	<ul style="list-style-type: none">•4,000 trees (planting completed)	
	9	Train human resources through environmental education at ESPEC Green School. <ul style="list-style-type: none">•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	<ul style="list-style-type: none">•Completed•Completed•17 projects/year	Train human resources through environmental education at ESPEC Green School. <ul style="list-style-type: none">•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
Other	10	Aim to increase the number of products collected by our product recycling service to 135% of the FY 2019 number.	116 %	Aim to increase the number of products collected by our product recycling service to 150% of the FY 2019 number.
	11	Observe laws related to chemical substances contained in products. <ul style="list-style-type: none">•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	<ul style="list-style-type: none">•Continue activity•Continue activity•Continue activity	Observe laws related to chemical substances contained in products. <ul style="list-style-type: none">•Compliance with EU-RoHS•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. <ul style="list-style-type: none">•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	<ul style="list-style-type: none">•Targets not achieved; activities to continue•Targets reviewed	Engage in manufacturing that does not produce pollution or waste in the development, design, or production processes. <ul style="list-style-type: none">•Review of CD-ROM provision for operation manuals
	13	Identify and address water risks associated with business activities. <ul style="list-style-type: none">•Monitor water usage and drainage management status associated with business activities	<ul style="list-style-type: none">•Target reached, continue activity	Identify and address water risks associated with business activities. <ul style="list-style-type: none">•Measurement of water usage associated with business activities and implementation of surveys on water intake and drainage conditions•Response to CDP “Water Security” questionnaire
	14	Work to expand information disclosure for purposes such as compliance with CDP and TCFD. <ul style="list-style-type: none">•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-related Financial Disclosures)	<ul style="list-style-type: none">•Climate Change “B” score, Water Security “B-” score, selected as a Supplier Engagement Leader•Target reached, continue activity	Work to expand information disclosure for purposes such as compliance with CDP and TCFD. <ul style="list-style-type: none">•Promoted initiatives to achieve an “A-” score in the CDP survey as an indicator of environmental management; responded to the integrated questionnaire.•Implemented information disclosure based on the Task Force on Climate-related Financial Disclosures (TCFD) and Task Force on Nature-related Financial Disclosures (TNFD)

*1 Among ESPEC CORP.’s 126 main suppliers, those that have set CO₂ emissions reduction targets
*2 Baseline values used to calculate reduction rates were verified by an independent third-party organization