



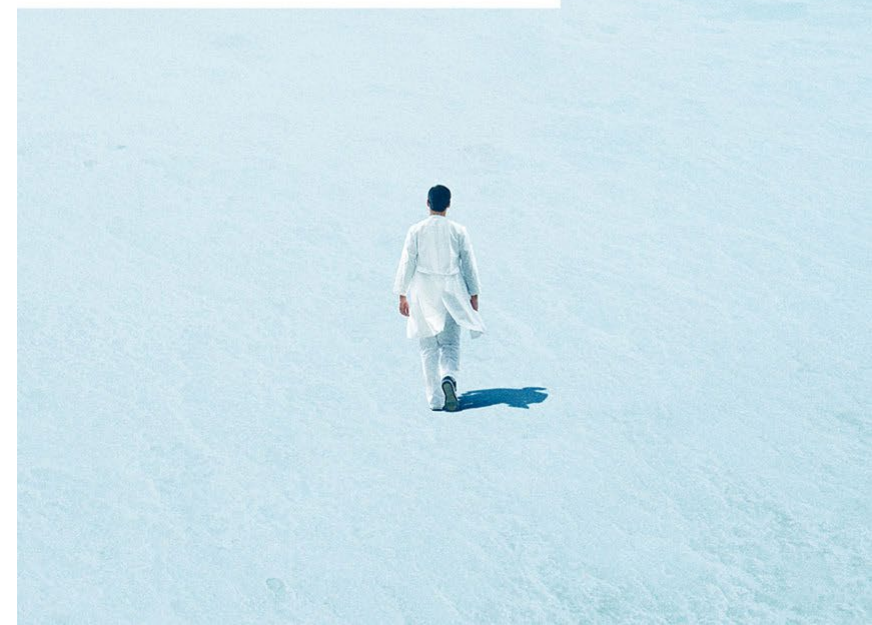
Chugai Group Mid-Term Environmental Goals 2030 and Results

Environmental Protection Activity Targets/Plans and Results

- <Boundary> Chugai Group
- <Period> Performance: January – December 2024
Action Plan : January – December 2025
- <Items> Climate Change Countermeasures
Use of Renewable / Recycled Resources
Biodiversity Protection
Environmental Management System



INNOVATION BEYOND IMAGINATION



1. Climate change countermeasures (prevention of global warming)



Mid-Term Environmental Goals 2030	2024 Goal/Plan	2024 Results	2025 Goal/Plan
---	-------------------	-----------------	-------------------

※Base year: 2019

Scope 1 + 2 CO ₂ emissions (Energy consumption)	2025: 40 % reduction 2030: 60 - 75 % reduction 2050: Zero emissions	Monitoring and information disclosure	52.2 % reduction CO ₂ emissions 53,895 t	2025: 40 % reduction
Scope 1 + 2 Energy consumption	2025: 5 % reduction 2030: 15 % reduction (Per total floor area)	Monitoring and information disclosure	12.3 % reduction Energy consumption 2,275 TJ Per total floor area 6.3 GJ/m ²	2025: 5 % reduction
Scope 3 CO ₂ emissions	2030: 30 % reduction	Monitoring and information disclosure	1.5 % increase CO ₂ emissions (Scope 3) 981,329 t	Monitoring and information disclosure
Sustainable electricity ratio	2030: 100 % reduction	To procure 100% of sustainable electricity from January 2025, establish procurement method by the end of 2024	97.3 %	100 %
Halogenated hydrocarbons	2025: 25 % reduction 2030: 100 % reduction ※Base year: 2020	Monitoring and information disclosure	16.8 % reduction Halogenated hydrocarbons usage 37,027 t	2025: 25 % reduction
Fuel consumption by MR vehicles	2025: 35 % reduction 2030: 75 % reduction	Monitoring and information disclosure	45.7 % reduction Fuel consumption by MR vehicles 22,876 GJ	2025: 35 % reduction

2. Use of renewable/recycled resources (Resource conservation/waste management)



Mid-Term Environmental Goals 2030	2024 Goal/Plan	2024 Results	2025 Goal/Plan
---	-------------------	-----------------	-------------------

※Base year: 2019

Industrial waste	2025: 5 % reduction 2030: 1 0 % reduction (Per total floor area)	Monitoring and information disclosure	1 1.6 % reduction Industrial waste emissions 3,347 t Per total floor area 9.3 kg/m ²	2025: 5 % reduction
Industrial waste recycling ratio	—	Disclosure of information based on the new KPI and promotion of measures for achievement	Develop a New KPI	Disclosure of information based on the new KPI and promotion of measures for achievement
Plastic waste	2025: 5 % reduction 2030: 1 0 % reduction (Per total floor area)	Monitoring and information disclosure	1 4.3 % reduction Plastic waste emissions 549 t Per total floor area 1.43 kg/m ²	2025: 5 % reduction
Final disposal ratio	—	< 2 %	0.1 %	≤ 2 %
Verify waste disposal contractors	—	Efficacy rate: 100% at 3 years (2024 – 2026)	Efficacy rate: 100% at 3 years	Efficacy rate: 100% at 3 years (2024 – 2026)
Water Consumption (Water withdrawal)	2030: 1 5 % reduction (Per total floor area)	Monitoring and information disclosure	2 1.7 % reduction Water withdrawal 1,939 t Per total floor area 5.4 kg/m ²	Monitoring and information disclosure

3. Protection of Biodiversity (Reduction of environmental load)



Mid-Term Environmental Goals 2030	2024 Goal/Plan	2024 Results	2025 Goal/Plan
---	-------------------	-----------------	-------------------

※Base year: 2019

Chemical substance management (SVHC)	After 2021, manufacturing processes without using SVHC listed chemicals are established for all Chugai original candidate molecules by commercial productions.	Operation based on guidelines for the use of SVHC	Monitor reducing the use of hazardous chemical substances based on guidelines for the use of SVHC	Operation based on guidelines for the use of SVHC
Hazardous waste	2025: 5 % reduction 2030: 1 0 % reduction (Per total floor area)	Monitoring and information disclosure	0 . 4 % increase Emission 985 t Per total floor area 2.7 kg/m ²	2025: 5 % reduction
Water pollution prevention	—	WET (Whole Effective Toxicity) test at all sites Efficacy rate: 1 0 0 %	Wastewater measurement by WET test (4 sites/once a year)	WET test efficacy rate of 1 0 0 % at all sites
Substances (P, N, etc.) in wastewater	—	Comply with domestic laws	Comply with domestic laws	Comply with domestic laws
Protect water resources at production site	—	Conducted at least once a year	Thinning activities at the Fujieda and Ukima water source forests	Conducted at least once a year
Comprehensive environmental impact assessment	—	Investigate and consider introduction of evaluation methods, including Roche methods	Consideration of introduction of a comprehensive environmental impact index	Monitoring and evaluation using total environmental impact index

4. Environmental Management System

Mid-Term Environmental Goals 2030	2024 Goal/Plan	2024 Results	2025 Goal/Plan
---	-------------------	-----------------	-------------------

Qualitative improvement of Chugai group environmental management system	—	Conducted internal EHS audits at four or more sites	Conducted internal EHS audits at five sites	Conducted internal EHS audits at four or more sites
Improvement of external evaluation	—	C D P : Obtained A scoring	C D P : Climate Change: A scoring Water Security: A- scoring	C D P : Obtained A scoring
Expansion of environmental performance data third-party verification range	—	Expanding the scope of third-party verification of environmental performance data	Expansion of data acquired by overseas sales companies	Expanding the scope of third-party verification of environmental performance data

INNOVATION BEYOND IMAGINATION



CHUGAI PHARMACEUTICAL



A member of the Roche group