

Items		2020 goal or mid-term plan	2020 results	Evaluation	Items	Mid-Term Environmental Goals2030/KPI (Base year 2019)	2021 Plan		
Climate Change Countermeasures (prevention of global warming)	Efforts to reduce energy consumption	Reduce energy consumption per employee by 20% by 2020, compared with 2010	Reduced energy consumption per employee by 16.8% compared with 2010 We aim to reach a 20 percent reduction in non-renewable energy consumption by using renewable energy certificates.	☆☆ (☆☆)	Climate Change Countermeasures (prevention of global warming)	Scope 1+2 CO2 emissions	40% reduction by 2025 60-75% reduction by 2030 Zero emissions by 2050	Monitoring and information disclosure for 40% reduction in 2025	
		Reduce energy consumption by 2% or more compared with 2019	Energy consumption of 2,232 thousand GJ (6.3% reduction compared with 2019)	☆☆☆		Scope 1+2 Energy consumption	5% reduction by 2025 15% reduction by 2030 (Per total floor area excluding leased properties)	Monitoring and information disclosure for 5% reduction per 2025 total floor area	
		Reduce CO2 emissions (Scope 1&2) by 2% or more compared with 2019	CO2 emission (Scope 1&2) of 101,663 tons (6.3% reduction compared with 2019)	☆☆☆		Scope 3 (flight, waste etc.) reduction of CO2 emissions	—	After collecting the actual situation of all 15 categories, consider setting numerical KPIs. But, Flight category is planned to monitor.	
		Discontinuance of the use of chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs)	Halogenated hydrocarbons were completely eliminated at the end of 2020.	☆☆☆		Sustainable electricity ratio	100% by 2025	Monitoring and information disclosure for 100% reduction in 2025	
	Introduction of more hybrid vehicles to MR fleet	Achieve a rate of 80% or higher for eco-friendly cars for MR fleet	Achieved a rate of eco-friendly cars of 85 % for MR fleet	☆☆☆		Internal carbon pricing	—	consider the introduction of internal carbon pricing.	
		Achieve average fuel efficiency of 16 km/L or higher for MR fleet	Achieved average fuel efficiency of 27.4 km/L for MR fleet	☆☆☆		Halogenated hydrocarbons	25% reduction by 2025 100% reduction by 2030 (base year 2020)	Monitoring and information disclosure for 25% reduction in 2025	
Use of Renewable/Recycled Resources (resource conservation, waste management)	Reduction in the amount of waste generated	Monitoring of industrial waste generated and disclose the information	2,776 tons of industrial waste generated (decrease 407 tons from 2019)	—	Use of Renewable/Recycled Resources (resource conservation, waste management)	Industrial waste reduction	5% reduction by 2025 10% reduction by 2030 (Per total floor area excluding leased properties)	Monitoring and information disclosure for 5% reduction in 2025 (Per total floor area excluding leased properties)	
		A waste recycling ratio of 99% or more, and achieve zero emissions of waste (a waste recycling ratio of 99% or more) by three facilities or more	Achieve zero emissions of waste (a recycling ratio is more than 99%) in 2 facilities	☆		Improvement of industrial waste recycling ratio	—	Monitor and disclose information on more than 99% of Chugai group facilities	
		Achieve a recycling ratio of 99% or higher	recycling ratio of industrial waste: 97.3%	☆☆		Plastic waste reduction	5% reduction by 2025 10% reduction by 2030 (Per total floor area excluding leased properties)	Monitoring and information disclosure for 5% reduction in 2025 (Per total floor area excluding leased properties)	
	Reduction in the amount of landfill waste	Limit a ratio lower compared with 2019 for landfill waste	Final disposal ratio of industrial waste: 0.5%	☆☆☆			Decrease final disposal ratio	—	final disposal ratio of industrial waste: less than 2%
	Verify waste disposal contractors	Conduct on-site verification of contracted waste disposal facilities of 100% or more in 3 years (2018 - 2020)	On-site verification of waste disposal contractor facilities: 71%	☆☆				Water resource conservation (water withdrawal)	15% reduction by 2030 (Per total floor area excluding leased properties)
	Reduction in the amount of PPC Paper purchased	Reduce the amount of PPC paper purchased compared with 2019	Plain paper copier (PPC) paper purchased: 71 tons	☆☆☆			Chemical substance management (SVHC)		After 2021, manufacturing processes without using SVHC-listed chemicals are established for all Chugai original candidate molecules by commercial productions.
	Improvement in the recycling ratio of PPC paper	Maintain a PPC paper recycling ratio of 80% or higher	Recycling ratio for PPC paper: 78%	☆☆		Hazardous waste reduction		5% reduction by 2025 10% reduction by 2030 (Per total floor area excluding leased properties)	Monitoring and information disclosure for 5% reduction in 2025 (Per total floor area excluding leased properties)
Protection of biodiversity (Reduction of environmental load)	Chemical Substance Management	Monitoring the usage conditions of regulated substances, and disclose its information on website	Monitoring of regulated substances and disclose the information	—	Biodiversity Protection (environmental burden mitigation)		Water pollution prevention	—	Conduct WET (Whole Effluent Toxicity) test at 5facilities (once a year)
		Water quality preservation	Conduct WET (Whole Effluent Toxicity) tests to measure wastewater (five sites once a year)	Conducted WET (Whole Effluent Toxicity) tests to measure wastewater (five sites once a year)		☆☆☆	Reduction of the amount of chemical substances (phosphorus, nitrogen, etc.) in wastewater	—	Comply with internal regulation
Environmental Management System	Qualitative improvements in Chugai environmental management systems		Perform EHS internal audit at four or more sites	Carried out EHS internal audit at 4 facilities	☆☆☆	Environmental Management System	Qualitative improvement of Chugai group environmental management system	—	Carry out EHS internal audit at 4 facilities
		Restructuring of ISO14001 internal audit system	44 individuals were certified as IRCA provisional internal auditors (1 new people, 43 people continuing)	—	Improvement of external evaluation			—	CDP Climate Change: A scoring CDP Water Security: A- scoring
		Passed the ISO 14001: 2015 maintenance audit at ISO 14001 certified sites	Passed the ISO 14001: 2015 maintenance audit at ISO 14001 certified sites	—			SBT certification	—	Obtain SBT certification
	Transparency of environmental information	Collection of environmental performance data and extend the items of third-party assurance (Scope3)	Expand the collection of scope 3 environmental performance data (all 15 categories) and extend the items of third-party assurance (Scope3, category 1)	—	Expansion of environmental performance data calculation range			—	Expand the calculation range of environmental performance data to overseas sales branches (coverage rate 100%)
Disclose to the environmental information on the website and enrich the contents of the web site		Disclose to the environmental information on the website and enrich the contents of the web site	—	—		—			