

Preserving the Environment

The Group raises life in nature, and delivers the blessings of life. In order to advance our businesses in harmony with nature, we work to reduce our environmental impact, recognizing climate change and water resources as major risks.

Progress of environmental performance

In our Medium-Term Management Plan, the Group has set three-year targets for reducing environmental impact from its business activities. Under the Medium-Term Management Plan 2020, which began in April 2018, we formulated numerical targets for environmental performance relating to CO₂ emissions, energy efficiency, water consumption, waste, and amount of waste recycled. In 2018, the Group joined the Japan Climate Initiative, and, through its collaboration with external organizations like this one, the Company is advancing initiatives to reduce environmental impact in a manner that is consistent with societal mores.

MEDIUM-TERM MANAGEMENT PLAN 2020 TARGETS AND RESULTS FOR FISCAL YEAR ENDED MARCH 31, 2019

Initiatives		Reference value (Average between FY2012–FY2016)	Target value (Average between FY2018–FY2020)	Result FY2018
Mitigation of climate change	CO ₂ emissions* ¹	701.1kg-CO ₂ /t	8.0% reduction* ⁴ (645.1kg-CO ₂ /t)	7.6% reduction (648.1kg-CO ₂ /t)
Resource saving	Thermal energy* ¹	12.0GJ/t	8.0% reduction* ⁴ (11.0GJ/t)	3.3% reduction (11.6GJ/t)
	Water consumption* ¹⁺²	17.7m ³ /t	3.0% reduction* ⁴ (17.2m ³ /t)	5.1% increase (18.6m ³ /t)
	Discharged waste* ¹⁺³	207.5kg/t	6.0% reduction* ⁴ (195.1kg/t)	9.0% increase (226.2kg/t)
Promotion of recycling	Waste recycling rate	90.8%	94.0% or higher	88.5%

*1 Primary unit per unit of product.

*2 Water consumption includes some estimated values from production departments.

*3 Excluding farm excreta.

*4 Reduction rate from reference value.

*5 Excluding the waste from Typhoon No. 21 and the Hokkaido Eastern Iburi earthquake in FY2018.

Responding to climate change risk

The 21st United Nations Climate Change Conference (COP 21) adopted the Paris Agreement, and set the goal of keeping the increase in global average temperature to well below 2°C above pre-industrial levels. In response to the urgent issue of climate change, the Group is advancing initiatives to reduce CO₂ emissions and use energy efficiently, including switching to LED lighting and hybrid vehicles at all business sites in Japan.

The Group has built a system for establishing important policies, the development of measures, and initiatives related to climate change. The matters debated by the CSR Promotion Committee and discussed by the Management Committee are taken up for discussion by the Board of Directors.

Switching to LED Lighting

We have set the target of phasing out fluorescent lights and replacing them with LED lighting at all business sites in Japan (Company properties) by March 31, 2021. This will contribute to the reduction of CO₂ emissions throughout the domestic Group.

Switching to Hybrid Vehicles

We have set the target of phasing out gasoline-powered company vehicles (with some exceptions such as trucks and light cars) and replacing them with hybrid vehicles at all domestic business sites by March 31, 2021. Switching roughly 800 gasoline-powered vehicles subject to the target to hybrid vehicles will contribute to the reduction of CO₂ emissions throughout the domestic Group.



Responding to water risks

Water is a key resource for the business operations of the Group, and deteriorating access to water is a concerning risk in a growing number of regions worldwide. The Group endeavors

to make effective use of water resources, and is surveying, evaluating, and studying countermeasures for water risks at each business site.