

FY2020 Environmental Activities Report

* Scope: Hitachi Transport System and its consolidated domestic group companies (20 firms)

No	Objective	Action Plan	FY 2020 (see Note 1)	
			Goal	Performance
Compliance of laws and ordinances (including regulations)				
1	Prevent global warming	Reduce per-unit energy consumption for buildings	2% reduction to compared to FY2018	-8.3%
2	Promote resource recycling	Appropriately manage waste	Firmly promote waste treatment compliant with the applicable laws and ordinances	Carried out the stated goal
3	Increase environmental control levels	Observe applicable laws and ordinances	Correct handling to comply with relevant laws and regulations related to CFCs, PCBs, septic tanks, automobiles, etc.	Carried out the stated goal
Reduction of environmental burden				
4	Prevent global warming	Improve vehicle mileage by vehicle type (reduce CO ₂ emissions) [compared to FY2018] Fuel consumption by vehicle type (km/L) (Large, medium and small)	+2.0%	-2.3%
		Reduction of overall CO ₂ emissions (Group total)	—	-5.6%
(Group total) Total CO ₂ emissions in fiscal 2020: 112,995t, CO ₂ emissions per building floor space unit: 19.6kg/m ² (Breakdown of total CO ₂ emissions by group headquarters' areas of jurisdiction) 1) East Japan Area HQ Group: 36,296t 2) Metropolitan Area HQ Group: 12,908t 3) Midland Japan Area HQ Group: 10,519t 4) West Japan Area HQ Group: 23,527t 5) Main Head Office: 24,376t 6) Other Group Companies: 5,369t				
5		Promote introduction of LED lighting fixtures	Full use of LED lighting in new buildings Switching from existing mercury or fluorescent lamps	Carried out the stated goal
6	Promote resource recycling	Improve the recycling rate (see Note 2)	99%	99%
(Group total) Waste generated in fiscal 2020 : 29,533t (Breakdown of total waste generated by group headquarters' areas of jurisdiction) 1) East Japan Area HQ Group : 9,831t 2) Metropolitan Area HQ Group : 1,313t 3) Midland Japan Area HQ Group : 3,238t 4) West Japan Area HQ Group : 8,870t 5) Main Head Office : 4,345t 6) Other Group Companies : 1,936t				
7		reduce per-unit water consumption(see Note 3)	1% reduction compared to the previous year	-6.1%
(Group total) water usage: 306,770m ³ (Breakdown of water usage by Group headquarters' areas of jurisdiction) 1) East Japan Area HQ Group: 111,830m ³ 2) Metropolitan Area HQ Group: 30,636m ³ 3) Midland Japan Area HQ Group: 18,426m ³ 4) West Japan Area HQ Group: 71,709m ³ 5) Main Head Office: 35,702m ³ 6) Other Group Companies: 38,467m ³				
(Breakdown of per-unit water usage by Group headquarters' areas of jurisdiction) 1) East Japan Area HQ Group: 0.086m ³ /m ² 2) Metropolitan Area HQ Group: 0.072m ³ /m ² 3) Midland Japan Area HQ Group: 0.056m ³ /m ² 4) West Japan Area HQ Group: 0.081m ³ /m ² 5) Main Head Office: 0.067m ³ /m ² 6) Other Group Companies: 0.182m ³ /m ²				
8		Raise green purchasing percentages (see Note 4)	85%	88%

9	Boost environmental actions for logistics services	Promote modal shift	Promote development of new customers and new routes	Implemented railroad modal shift of food., etc. (see Note 5 1))
10		Promote collaborative transportation [domestic]	Aggressively promote transportation optimization through platforming, integrated distribution points, and the round-trip use of containers	Carried out the stated goal
11		Promotion of environmental response toward deplasticization	Reduce, recycle, recycle, dispose of in a way that does not diffuse into the natural environment, etc.	Carried out the stated goal
12		Replace vehicles with eco-friendly ones having better environmental performance (new model eco-friendly vehicles) (see Note 6)	(Compare eco-friendly vehicles)100%	100%
			(Compare new model eco-friendly vehicles)98%	97%
13	Continue to promote eco-friendly driving	Follow/improve fuel efficiency improvement targets. (1% improvement over the previous year)	Carried out the stated goal	
14	Preserve biodiversity and ecosystems	Protect forest resources	Reduce copy paper consumption by 1% or more compared with the previous year	±0% (Converted to A4 paper used)
Education & communication				
15	Promote communication on the environment	Enhancing environmental activities linked to VC21 activities	Incorporating environmentally conscious activities into VC activities.	Carried out the stated goal
16		Continue to carry out social action projects on the environment	Be actively involved in clean-up activities outside your location Participate in the Light-Down Campaign advocated by the Ministry of the Environment (twice a year)	Participation in clean-up activity around our work place and in the area, implement lights-off on the summer solstice and the Star Festival, install green wall, etc.
17		Implement more public relations projects on the environment (Improve Information disclosure)	Apply for environmentally relevant awards, release environmental ads, disclose information, etc.	Winning 6 awards from groups outside the company (see Note 5), information disclosure on the website
18	Raise environmental awareness	Boost attendance for e-learning courses on the environment	99%	99.5%

Environmental management				
19	Increase environmental control levels	Establish an "Environmental Emphasis Theme" to facilitate environmental activities	Feeling of being done → my business (VC21 concept)	Carried out the stated goal (184 locations)
20		Use the "Energy-saving Inspection Sheet" to promote improved operations	(Once per half year) Implemented	Carried out the stated goal (169 locations)
21		Manage environmental load result data and improve the data accuracy • Use the environmental load investigation system to improve the management level [domestic] • Make sure to conduct the environmental load investigation at each location [overseas]	Reliable grasp of environmental load data of energy usage and waste amount	Carried out the stated goal
22		Enhance the quality of self-audits on environmental/vehicle management [domestic]	Systematic implementation by Area Headquarters and Gr companies	Carried out the stated goal

Note 1: The figures are on a consolidated Hitachi Transport System Group basis

Note 2: Recycling Rate = (Reuse Amount + Recycling Amount + Heat Recovery Amount) / Total Emissions

Note 3: Per-unit water consumption (water usage per total floor space) .

Note 4: Green Purchasing Rate: the ratio of office supplies purchased at the e-sourcing MALL (an electronic purchasing system) that are environmentally-friendly products .

Note 5: Awards from groups outside the company .

- (1) Received "2020 Excellent Business Entities Working on Modal Shift (effective use category)" for 2 cases
: Japan Association for Logistics and Transport Sponsored.

Subject 1: Continued implementation of railroad modal shift for food products nationwide.

Subject 2: Promotion of continuous modal shift of aortic transportation from Kanto to Kyushu (nationwide, marine transportation of automobile parts)

- (2) Received "Logistics Environment Special Award" in the "21st Logistics Environment Awards" Japan Association for Logistics and Transport Sponsored.

Subject: "Efforts to improve transportation efficiency by modal shift of recycling waste transportation by developing a new dedicated transportation container"

- (3) Received three awards of "Director-General, Manufacturing Industries Bureau, Ministry of Economy,

Trade and Industry Award," "Appropriate Packaging Award," and "Large-sized Equipment Packaging Award" at the Japan Packaging Contest 2020"

Subject 1: One-way stacking jig "Director-General, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry Award (JAPAN STAR Award)"

Subject 2: Appropriate packaging of new-model Cyclone (vacuum cleaner) "Appropriate packaging award"

Subject 3: Adjuster-removable cushioning "Large-sized Equipment Packaging Award"

Note 6: New eco-car categories: Compressed natural gas vehicles, hybrid vehicles, electric vehicles, liquefied petroleum gas (LPG) vehicles (including bi-fuel vehicles), vehicles recognized as "Fuel-efficient Vehicles (2015 fuel efficiency standards)," "Low-emission Vehicles (2005 regulations)," and "Post New Long-term Regulation Vehicles (2016 regulations)" by the national government, fuel cell vehicles, and biofuel vehicles