

4.7.2.1 Public disclosure of key environmental aspects

Since the foundation of the company and based on the corporate motto: "Respect the Divine and Love People", the Kyocera Group has focused all corporate activities on three pillars of Living Together-- Coexisting with Our Community, Coexisting with Global Society, and Coexisting with Nature. Kyocera engages in environmental management to achieve sustainable corporate development, while pursuing the coexistence of ecological and economic goals.

Our aim is to grow together with society by constantly striving to provide even better products and services, while responding to the needs of society through environmental preservation and social contributions.

Kyocera's key environmental aspects are as follows; Greenhouse Gas Emissions, Water, Waste and Toxics. The following section identifies the data for each aspect.

1.Greenhouse Gas Emission (Scoop 1,2)

Boundary : Major R&D and Production companies

(Unit : t-CO2)

	Results	
	2018	2019
Scoop 1	3,524	3,361
Scoop 2	51,221	54,244

We calculated the greenhouse gas emissions based on a GHG protocol (WRI/WBCSD).

2.Water

		2018	2019	
Total amount of water use by source (Unit: m ³)	Industrial water	397,022	373,951	
	City water	128,290	112,175	
	Groundwater	32,495	55,856	
	Total	557,807	541,982	
Total amount of water recycled (Unit : m3)	Total amount of water recycled	19,923	21,856	
Total amount of water discharge (Unit : m3)	River	50,240	15,785	
	Sewge	397,619	407,067	
Total amount of water discharge by quality	River	Average_BOD	2 mg/L	5 mg/L
		Average_SS	4 mg/L	7 mg/L
	Sewge	Average_BOD	67 mg/L	102 mg/L
		Average_SS	35 mg/L	38 mg/L

3.Waste

(Unit : kg)

		2018	2019
Waste	Total amount of solid waste generation	807,944	1,098,690
	Amount of recycling	806,326	1,096,591
	Amount of landfill	1,618	2,099

4.Toxics

2019 List of chemical substances subjected to the PRTR Act

(Unit : kg)

Directive No.	Substance name	Total handling amount	Atmospheric emissions amount	Public waterway emissions amount	Soil system emissions amount
13	Acetonitrile	13	0.6	0	0
18	Aniline	0	0	0	0
30	Linear alkylbenzenesulfonate and the chemical compound	5,397	0	0	0
31	Antimony and the chemical compound	2,998	0	0	0
53	Ethylbenzene	0.1	0	0	0
66	1,2-Epoxybutane	0	0	0	0
80	Xylene	9.8	0.5	0	0
81	Quinoline	0.1	0	0	0
82	Silver and its water-soluble compounds	0.5	0	0	0
110	p-chlorotoluene	0	0	0	0
125	Chlorobenzene	0.6	0	0	0
127	Chloroform	235	12	0	0
203	Diphenylamine	0	0	0	0
232	N,N- dimethylformamide	6	0.3	0	0
277	Triethylamine	0	0	0	0
300	Toluene	116	6	0	0
305	Lead compound	0	0	0	0
316	Nitrobenzene	0.7	0	0	0
340	4,4'-Methylenedianiline	0	0	0	0
342	Pyridine	0	0	0	0
384	1- bromopropane	1,570	143	0	0
392	n- hexane	7	0.3	0	0
407	Poly(oxyethylene)=alkylether	0.1	0	0	0
410	Poly(oxyethylene)=nonylphenyl ether	0	0	0	0
412	Manganese and the chemical compound	40,722	0	0	0
460	Tricresyl phosphate	0.1	0	0	0
472	Phenylenediamine	0	0	0	0

2018 List of chemical substances subjected to the PRTR Act

(Unit : kg)

Directive No.	Substance name	Total handling amount	Atmospheric emissions amount	Public waterway emissions amount	Soil system emissions amount
13	Acetonitrile	5	0	0	0
18	Aniline	0	0	0	0
30	Linear alkylbenzenesulfonate and the chemical compound	5,566	0	0	0
31	Antimony and the chemical compound	3,140	0	0	0
53	Ethylbenzene	0	0	0	0
66	1,2-Epoxybutane	57	0	0	0
80	Xylene	0	0	0	0
81	Quinoline	0	0	0	0
82	Silver and its water-soluble compounds	0.7	0	0	0
110	p-chlorotoluene	0	0	0	0
125	Chlorobenzene	0	0	0	0
127	Chloroform	296	15	0	0
203	Diphenylamine	0	0	0	0
232	N,N- dimethylformamide	12	0.6	0	0
277	Triethylamine	0	0	0	0
300	Toluene	173	8	0	0
305	Lead compound	0.5	0	0	0
316	Nitrobenzene	0	0	0	0
340	4,4'-Methylenedianiline	0	0	0	0
342	Pyridine	0	0	0	0
384	1- bromopropane	1,130	0	0	0
392	n- hexane	19	0.8	0	0
407	Poly(oxyethylene)=alkylether	0	0	0	0
410	Poly(oxyethylene)= nonylphenyl ether	0	0	0	0
412	Manganese and the chemical compound	39,814	0	0	0
460	Tricresyl phosphate	0	0	0	0
472	Phenylenediamine	0	0	0	0