

EPEAT4.7.2.1 Public disclosure of key environmental aspects

a) Greenhouse Gas Emissions

The following table shows the data for main sites.

		Unit	FY2016	FY2017	FY2018	FY2019	FY2020
Greenhouse Gas Emissions	Scope 1	t-CO2	333.7	444.3	393.0	341.2	430.4
	Scope 2	t-CO2	2483.3	2632.8	2206.9	2198.9	2006.5
	Scope 1 & 2	t-CO2	2817.0	3077.1	2599.9	2540.1	2436.9

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

b) Water

The following table shows the data for main sites.

		Unit	FY2016	FY2017	FY2018	FY2019	FY2020	
Water consumption	Clean water	m3	18912	22902	20002	20457	18093	
	Ground water	m3	0	0	0	0	0	
	Total water with drawal	m3	18912	22902	20002	20457	18093	
Reused / Recycled		m3	0	0	0	0	1	
Water drainage	Public water body	Total water discharge	m3	9795	13019	10044	10669	9737
		Average_BOD	mg/L	0	1	0	0	2
		Average_SS	mg/L	1	1	1	1	3
	Sewage	Total water discharge	m3	9117	9883	9958	9788	8357
		Average_BOD	mg/L	22	20	15	28	34
		Average_SS	mg/L	6	7	10	15	22

c) Waste

The following table shows the data for main sites.

		Unit	FY2016	FY2017	FY2018	FY2019	FY2020
Waste	Total volume of waste	ton	716.9	786.7	739.8	640.4	716.0
	reduced	ton	-37.4	32.4	-14.5	-113.8	-38.3
	Reused/Recycled	ton	590.1	641.8	598.2	510.6	600.9
	Landfilled	ton	5.6	6.0	5.4	5.0	2.9
	Sent to waste-to-energy	ton	117.4	138.9	135.9	124.8	111.6
	Incineration	ton	3.1	0.1	0.1	0.0	0.6

d) Toxics

The following table shows the data for main sites.

FY2016

Directive No.	Chemical substance name	Unit	Emissions into the air	Emissions into the soil	Emissions into the waters
108	(RS)-2-(4-Chloro-o-tolyloxy)propionic acid	kg	-	5	-
20	2-aminoethanol	kg	1.6	-	-
300	toluene	kg	1	-	-

FY2017

Directive No.	Chemical substance name	Unit	Emissions into the air	Emissions into the soil	Emissions into the waters
108	(RS)-2-(4-Chloro-o-tolyloxy)propionic acid	kg	-	2.5	-
300	toluene	kg	2.2	-	-

FY2018

Directive No.	Chemical substance name	Unit	Emissions into the air	Emissions into the soil	Emissions into the waters
20	2-aminoethanol	kg	1	-	-
409	Sodium poly(oxyethylene) dodecyl ether	kg	-	1.7	-

FY2019

Directive No.	Chemical substance name	Unit	Emissions into the air	Emissions into the soil	Emissions into the waters
20	2-aminoethanol	kg	2.6	-	-

FY2020

Directive No.	Chemical substance name	Unit	Emissions into the air	Emissions into the soil	Emissions into the waters
20	2-aminoethanol	kg	1.9	-	-