

EBARA Corporation — ESG Data [Environment]

As of 2017/3/31

Topic		Data Boundary	Fiscal Year*1			
			2014	2015	2016	
Air Emissions	NOx (tons)	EBARA *2	19	7	23	
	SOx (tons)	EBARA *2	1	0	1	
	Volatile Organic Compounds (VOC) (tons)	EBARA *2	46.7	41.3	47.6	
Climate Change	Electricity Consumption (MWh)	EBARA *2	74,751	75,341	78,536	
	Production of Renewable Energy (kWh)	EBARA *2	384,000	394,000	450,000	
	Fuel Consumption (kL) - Petroleum conversion	EBARA *2	4,870	4,430	3,711	
	GHG Emissions Scope 1 (thousand tons) *3	EBARA *2	11	10	11	
	GHG Emissions Scope 2 (thousand tons) *3	EBARA *2	28	41	43	
	GHG Emissions Scope 3 (thousand tons) *3	EBARA *2	9	8	7	
Water	Water consumption (km ³)	EBARA *2	523	600	584	
	Discharged water (km ³)	EBARA *2	393	512	464	
Waste	Total discharged amount (tons)	EBARA *2	8,524	8,340	8,266	
	Recycled material amount (tons)	EBARA *2	7,196	6,605	6,609	
	Recycled material rate (%)	EBARA *2	98.7	97.2	98.8	
	Final landfill disposal amount (tons)	EBARA *2	95	192	77	
	Final landfill disposal rate (%)	EBARA *2	1.1	2.3	0.9	
Chemical substance use/emissions	Substances controlled by PRTR Law *4	Release and transfer amount (tons) *5	EBARA *2	56.0	61.0	58.0
		Product shipment amount (tons)	EBARA *2	0.7	0.2	0
Environmental Management System	Environmental Law Violations (Number)	EBARA *2	0	0	0	
	Environmental Fines (Yen)	EBARA *2	0	0	0	
	ISO14001 Site certifications (Number) *6	EBARA Group *7	19	22	23	

*1 Fiscal Year 2014 is from 2014/4/1~2015/3/31

Fiscal Year 2015 is from 2015/4/1~2016/3/31

Fiscal Year 2016 is from 2016/4/1~2017/3/31

*2 EBARA: No. 1 in the "List of ISO14001-registered organizations" at <http://www.ebara.co.jp/en/about/csr/environment/management/index.html>

*3 •Scope 1: Direct emissions of GHG generated from sources that are owned or controlled by the organization.

•Scope 2: Indirect emissions of GHG associated with the use of electricity, steam, heat, etc. purchased by the company.

•Scope 3: Emissions that are a consequence of the operations of an organization, but are not directly owned or controlled by the organization, i.e., emissions excluding those included in the calculation of Scope 1 & 2 and including emissions produced through product transportation, business travel, outsourced production processes and other emissions.

*4 PRTR Law: Pollutant Release and Transfer Register Law

*5 Emissions: Amounts of air, water, and soil discharged to the environment.

*6 On October 11, 2017, a number of separately certified EBARA Corporation sites were integrated into the EBARA Corporation's ISO 14001 certification and as a result the number of certified sites fell from 23 to 19.

*7 EBARA Group: EBARA Corporation and all domestic/overseas consolidated group companies.