

## Environmental data 2019

Data boundary: Unless otherwise noted, the actual results disclosed below are for ITO EN, LTD.

### 1. Response to climate change

#### ■ CO2 emissions amount, actual results

##### Scope 1 and 2 total emissions

		FY2017	FY2018	FY2019	Year-on-year change rate from FY2018
Scope1	Direct emissions due to use of fuel by the company itself (thousand t-CO2)	26	26	24★	-6.5%
Scope2	Indirect emissions accompanying use of power purchased by the company (thousand t-CO2)	14	13	12★	-10.5%
Total for Scope 1 and Scope 2 (thousand t-CO2)		40	39	36	-7.9%

##### Scope 3 emissions

Category (thousand t-CO2)		FY2018	FY2019	Year-on-year change rate from FY2018
1	Purchased goods and services	589	540	-8.3%
2	Capital goods	21	17	-19.5%
3	Fuel and energy-related activities that are not included in Scopes 1 and 2	6	6	-6.2%
4	Transportation and distribution (upstream)	86	80	-6.8%
5	Waste generated in operations	10	10	-0.5%
6	Business travel	1	1	-0.1%
7	Employee commuting	2	2	-0.2%
8	Leased assets (upstream)	N/A	N/A	—
9	Transportation and distribution (downstream)	N/A	N/A	—
10	Processing of sold products	N/A	N/A	—
11	Use of sold products	N/A	N/A	—
12	End-of-life treatment of sold products	58	56	-2.4%
13	Leased assets (downstream)	118	111	-5.5%
14	Franchises	N/A	N/A	—
15	Investment	N/A	N/A	—
Total for Scope 3 (thousand t-CO2)		890	823★	-7.5%
Scope 3 emission intensity (t-CO2 / million yen)		2.26	2.18	-3.4%
Total for Scopes 1–3 Emissions amount (thousand t-CO2)		929	859	-7.5%
Emission intensity (t-CO2 / million yen)		2.35	2.27	-3.4%

ITO EN non-consolidated net sales (million yen)	394,496	377,788	-4.2%
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\* Data boundary of emissions for Scope 1 and Scope 2: ITO EN, LTD. (company-owned domestic plants and research centers, buildings and business locations).

Data boundary of emissions for Scope 3: ITO EN, LTD. on a non-consolidated basis

\* Calculation methods:

Scope 1: Calculated by multiplying the amounts of each fuel consumed by the CO2 emission coefficient stipulated under the Act on Promotion of Global Warming Countermeasures.

Scope 2: Calculated by multiplying the amounts of electric power purchased by the basic emission coefficient for each power company operator

\* Scope 3 emissions: Other indirect emissions aside from those covered by Scopes 1 and 2

\* Calculation methods for each category:

Category 1: Calculated as the sum of emissions at the production stage for raw materials and emissions accompanying the use of energy by outsourced beverage production partners. Calculated by multiplying the weights or purchase amounts of raw materials by emission intensity units published by the Ministry of the Environment (MOE) in the "Database on Emissions Unit Values for Accounting of Greenhouse Gas Emissions, etc., by Organizations Throughout the Supply Chain" (Ver. 3.0) (hereinafter "the database"). Emissions accompanying energy use at beverage production outsourcing partners are calculated using the same methods as for Scope 1 and Scope 2, covering energy used by outsourcing partners for production of ITO EN products.

Category 2: Calculated by multiplying the purchase amount for property, plant and equipment by emission intensity unit values in the database.

Category 3: Calculated by multiplying the purchase amounts for fuels and electric power by emission intensity unit values in the database for each energy type.

Category 4: Calculated based on the volume of products transported with ITO EN as the consigner, according to the method of calculation published by the Ministry of Economy, Trade and Industry (METI) in its "Joint guidelines on methods for calculating carbon dioxide emissions in the logistics sector" (Ver. 3.1).

Category 5: Calculated by multiplying emissions for each type of waste by the emission intensity unit values in the database.

Category 6: Calculated by multiplying numbers of employees by the emission intensity unit values in the database.

Category 7: Calculated by multiplying numbers of employees by the number of working days, and multiplying the result by the emission intensity unit values in the database for the city districts in which their places of work are located.

Category 12: Calculated by multiplying the weight of waste after deducting the amount of waste collected by the company itself from the weight of materials used in products sold (report values under the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging) by the emission intensity unit values in the database.

Category 13: Calculated by multiplying power consumption for vending machines and display cases by the emission coefficient (substitute value)

\* For beverage production outsourcing partners in Category 1, emissions for Scope 1 and Scope 2 are tabulated for outsourcing partners through annual energy consumption surveys

\* Emission intensity is expressed as emissions amount per million yen of net sales

\* CO2 emissions are assured by KPMG AZSA Sustainability Co., Ltd. The figures covered by the third party assurance are indicated by a ★ mark

\* For FY2018 and FY2019, CO2 emissions are tabulated for the period May 1 through April 30. For Category 12 of Scope 3, however, values are calculated from actual emission results in the previous year reported for calculation of fees paid by ITO EN for outsourced recycling into new products, in accordance with the Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging

\* N/A: Not Applicable

## 2. Water Resources

ITO EN, LTD. (In-house data)

### ■ Water intake by water source

(Units: thousand m<sup>3</sup>)

Water intake source	FY2017	FY2018	FY2019
Rivers	260	290	236
Tap water	63	69	66
Total amount	324	359	301★

### ■ Water discharge by drainage destination

(Units: thousand m<sup>3</sup>)

Drainage destination	FY2017	FY2018	FY2019
Rivers, lakes & marshes (swamps) etc.	125	155	141
Sewage	53	55	53
Other (aqueducts, mountain water sprinkles, etc.)	1	0	0
Total amount	178	211	194

\*The total amount may not match the sum of each figure due to rounding.

\*Data boundary: ITO EN, LTD. (company-owned domestic plants and research centers, buildings and business locations)

\*The water intake amounts are third-party assured by KPMG AZSA Sustainability Co., Ltd.  
The indicators covered by that assurance are marked with ★.