

# Material balance in business activities (fiscal 2021)

## Inputs

Resource	35,156.9 tons
Parts and Materials	16,679.8 tons
Plastic	8,922.0 tons
Recycled material	71.8 tons
Manuals	1,305.1 tons
Recycled material	39.9 tons
Packaging material	8,250.0 tons
Recycled material	6,701.3 tons

\*Parts and materials do not include consumables other than toner cartridges and Name Land tape

Energy	506,353.4 GJ
Fuel	59,280.4 GJ
Electricity	45,236.5 thousand kWh

Water resource	316.3 thousand m <sup>3</sup>
Groundwater	5.0 thousand m <sup>3</sup>

Recycled industrial water	24.0 thousand m <sup>3</sup>
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Rainwater	0.0 thousand m <sup>3</sup>
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Paper usage	64.4 tons
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PRTR substance	7.6 tons
VOC	9.5 tons

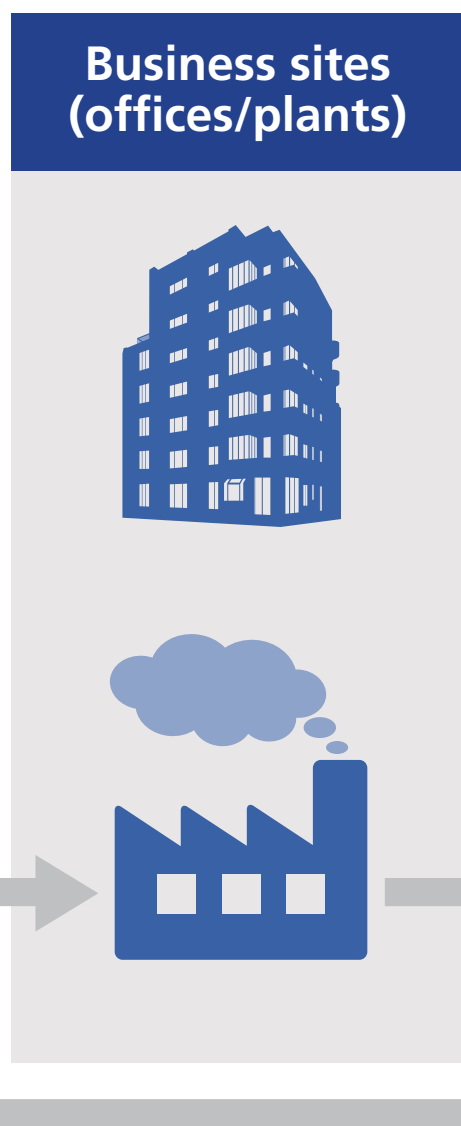
Shipped product weight	27,138.2 tons
Total weight of transported products	27,138.2 tons

\*The shipped product weight does not include user manuals and packaging

Electricity	49,386.4 thousand kWh
Electricity for product usage	49,386.4 thousand kWh

\*Electricity is calculated for five years of product use in Scope 3, except for watches and clocks, which are calculated for seven years.

Recovered	192.5 tons
Drums and toner cartridges	188.9 tons
Label printer tape cartridges	3.6 tons



## Outputs

### Scope3: Category1

Greenhouse gases	
CO <sub>2</sub> emissions	262,264.1 tons-CO <sub>2</sub>

### Scope1 & Scope2

Greenhouse gases: CO <sub>2</sub> emissions	
<b>Scope1 &amp; Scope2</b>	
Location-based	26,234.8 tons-CO <sub>2</sub>
Market-based	25,555.3 tons-CO <sub>2</sub>
Scope1	3,618.5 tons-CO <sub>2</sub>
Scope2	
Location-based	22,616.3 tons-CO <sub>2</sub>
Market-based	21,936.8 tons-CO <sub>2</sub>

Wastewater		289.2 thousand m <sup>3</sup>	
BOD	4.9 tons	COD	12.0 tons

Air pollutants		0.4 tons			
NO <sub>x</sub>	0.3 tons	SO <sub>x</sub>	0.0 tons	Dust	0.1 tons

PRTR substance: Releases & Transfers		0.8 tons	
Transfers	0.0 tons	Releases	0.8 tons
VOC emissions to atmosphere		2.7 tons	

Waste generated, etc.		3,239.6 tons	
Valuables	1,306.5 tons	Recycled waste	2,283.2 tons
Waste	1,933.1 tons	Landfill disposal	336.7 tons
		Reduction	619.8 tons

\*Casio has not directly used or emitted PFCs since FY2006

### Scope3: Category4

Greenhouse gases	
CO <sub>2</sub> emissions	54,328.4 tons-CO <sub>2</sub>

\*Product distribution is commissioned to transportation companies

### Scope3: Category11

Greenhouse gases	
CO <sub>2</sub> emissions	18,795.6 tons-CO <sub>2</sub>

\*Electricity is calculated for five years of product use in Scope 3, except for watches and clocks, which are calculated for seven years.

- Rechargeable batteries are calculated at the actual electricity needed for charging

Recycled		190.7 tons
Drums and toner cartridges	188.9 tons	
Label printer tape cartridges	1.8 tons	