

# Environmental Performance Data

The data marked with "★" (FY2019) are assured by Deloitte Tohmatsu Sustainability Co., Ltd., an external assurance provider based on International Standard on Assurance Engagements (ISAE) 3000 and ISAE3410.

 P.124 Independent Practitioner's Assurance Report

## Energy Consumption

Activity

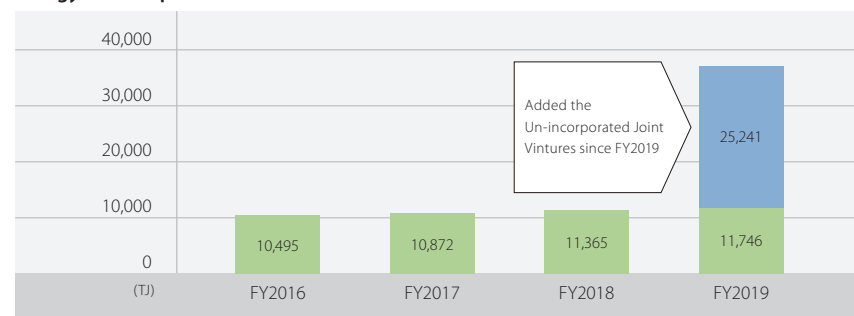
SDGs: 7.3

Mitsui & Co. has set a goal of "reducing energy consumption intensity by 1% or higher on average per year" for Mitsui and its subsidiaries in Japan.

We aim to achieve our goals through a variety of measures, including the group-wide effort to improve energy efficiency.

From the fiscal year ending March 2019, the scope of coverage has been expanded to a joint control business (Un-incorporated Joint Ventures). We will continue to monitor energy consumption and explore new initiatives to reduce energy consumption on a global group basis.

### Energy Consumption



■ Mitsui and Subsidiaries  
■ Un-incorporated JV

Category		Scope of coverage	Unit	FY2017	FY2018	FY2019	External Assurance
<b>Energy Consumption</b>							
	Non-consolidated	Head Office and all offices in Japan	GJ	220,370	207,259	205,182	★
	Consolidated	Subsidiaries and Un-incorporated JVs		10,651,544	11,157,784	36,781,584	★
	<b>Total</b>			<b>10,871,914</b>	<b>11,365,043</b>	<b>36,986,766</b>	★
(Breakdown)							
	Fuels			5,061,035	5,617,840	27,003,028	
	Electricity			4,949,825	4,923,641	8,722,166	
	Steam			860,942	823,561	1,261,572	
Intensity	Non-consolidated	Head Office and all offices in Japan (per square meter)	MWh/m <sup>2</sup>	0.123	0.121	0.120	★

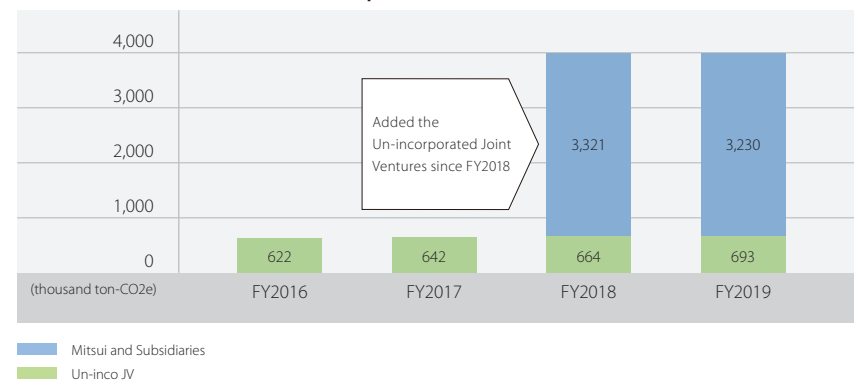
## Greenhouse Gas (GHG)

Activity

SDGs: 7.3

Mitsui is carrying out initiatives for the reduction of greenhouse gas (GHG) emissions from energy sources on a global group basis. From the fiscal year ended March 2006, Mitsui has continually surveyed its domestic GHG emissions in order to understand the amount of its emissions year by year. In addition, we have begun surveying the GHG emissions of its overseas subsidiaries since the fiscal year ended March 2009 and from the fiscal year ended March 2018 onward, the scope of coverage has been expanded to a joint control business (Un-incorporated Joint Ventures). We will continue to monitor the GHG emission amount and explore new initiatives to reduce GHG on a global group basis.

## Green House Gas (GHG) Emissions Scope 1+2



Category		Scope of coverage	Unit	FY2017	FY2018	FY2019	External Assurance
<b>Greenhouse Gas (GHG) Emissions</b>							
Scope 1	Non-consolidated	Head Office and all offices in Japan	ton-CO2e	1,025	1,083	1,036	★
	Consolidated	Subsidiaries and Un-incorporated JVs		313,370	3,447,872	3,332,140	★
	<b>Total</b>			<b>314,395</b>	<b>3,448,955</b>	<b>3,333,176</b>	★
Scope 2	Non-consolidated	Head Office and all offices in Japan		10,238	9,542	8,915	★
	Consolidated	Subsidiaries and Un-incorporated JVs		317,571	526,483	581,196	★
	<b>Total</b>			<b>327,809</b>	<b>536,025</b>	<b>590,111</b>	★
Scope 1+2	<b>Total</b>			<b>642,204</b>	<b>3,984,980</b>	<b>3,923,287</b>	★
Scope 3	Transportation	Domestic consignment transportation with Mitsui as the shipper		29,387	27,399	31,295	★
	Commuting	Head Office		980	949	928	
	Business trips	Head Office		<b>9,654</b>	<b>10,049</b>	<b>9,699</b>	
	<b>Total</b>		40,020	38,397	41,922		
Scope 1 By GHG type	CO <sub>2</sub>	Carbon dioxide	—	1,652,011	2,305,572		
	CH <sub>4</sub>	Methane	—	1,796,280	1,024,738		
	N <sub>2</sub> O	Carbon monoxide	—	664	2,723		
	HFCs	Hydrofluorocarbon	—	0	0		
	PFCs	Perfluorocarbon	—	0	0		
	SF <sub>6</sub>	Sulfur hexafluoride	—	0	143		
	NF <sub>3</sub>	Nitrogen trifluoride	—	0	0		

[ Calculation standard ] Act on Rationalizing Energy Use, GHG Protocol "Emission-Factors-from-Cross-Sector-Tools (March2017)," International Energy Agency (IEA) Emissions Factors 2018, IPCC 2006 Guidelines for National greenhouse Gas Inventories, Law Regarding the Rationalization of Energy Use

## Environmental Performance Data

## Water Consumption

Activity

SDGs: 6.4

Mitsui started surveying water intake and drainage data by water source from the fiscal year ended March 2019. We will continue to monitor water risk and explore new initiatives to reduce water consumption on a global group basis. At the Head Office, we use 100% recycled drainage water for toilet flushing in order to promote reduction in water consumption.

Category	Scope of coverage	Unit	FY2017	FY2018	FY2019	External Assurance
<b>Water Intake</b>						
Non-consolidated	Head Office and Mitsui-owned buildings	thousand m <sup>3</sup>	66	65	64	★
Consolidated	Subsidiaries and Un-incorporated JVs		—	—	330,867	
<b>Total</b>			<b>66</b>	<b>65</b>	<b>330,931</b>	
(Breakdown)						
Industrial water, water utility			—	—	10,923	
Pumped groundwater			—	—	18,147	
Rivers, lakes			—	—	24,577	
Sea			—	—	273,085	
Rainwater		—	—	3,661		
Others		—	—	538		
Intensity	Non-consolidated	m <sup>3</sup> /employee	16.11	16.36	16.10	★
<b>Drainage Water</b>						
Non-consolidated	Head Office and Mitsui-owned buildings	thousand m <sup>3</sup>	66	65	64	
Consolidated	Subsidiaries and Un-incorporated JVs		—	—	57,232	
<b>Total</b>			<b>66</b>	<b>65</b>	<b>57,296</b>	
(Breakdown)						
External disposal facilities (sewers)			—	—	2,830	
Groundwater			—	—	760	
Rivers, lakes			—	—	6,651	
Sea			—	—	18,081	
Others		—	—	28,974		

\* Drainage water is assumed to be equal to intake water quantity in case there is no drainage data.

## Environmental Performance Data

## Waste and Paper Consumption

Activity

SDGs: 12.5

Mitsui has set a goal of “recycling rate of 85% or higher” for Head Office and corporate buildings in Osaka and Nagoya and promote reducing waste, reuse, recycling and appropriate dispose. We are working to reduce paper consumption for Head Office and all offices in Japan by introducing various IT tools and promoting paperless meetings.

Category	Scope of coverage	Unit	FY2017	FY2018	FY2019	External Assurance
<b>Waste</b>						
Waste amount	Head Office and Mitsui-owned buildings	ton	1,279	1,259	1,220	★
Recycling rate		%	84.2	83.4	81.9	★
Intensity	(per employee)	ton/employee	0.312	0.316	0.309	★
Hazardous waste	Specially-controlled industrial waste	ton	1.2	1.3	1.1	
<b>Paper Consumption</b>						
Paper consumption	Head Office and all offices in Japan	thousand sheets (A4-size sheet equivalent)	48,529	45,894	38,614	★
Intensity	(thousand sheets per employee)	thousand sheets/employee	11.53	11.20	9.51	★

## Environmentally-Friendly Logistics

Activity

In collaboration with our logistics partners, we implement energy saving measures including promotion of economical driving practices and other fuel-saving techniques, improvement in transportation efficiency by using larger transport vehicles, introducing cargo consolidation arrangements, reviewing transport routes and modal shifts using rail and ship transport.

Category	Scope of coverage	Unit	FY2017	FY2018	FY2019	External Assurance
<b>Environmentally-Friendly Logistics</b>						
Freight volumes in Japan with Mitsui as the shipper	Consigned logistics in Japan with Mitsui as the shipper	Million ton-kilo-meter	767	705	769	★
(Breakdown)						
Ship			684	624	677	★
Truck			83	81	92	★
Air/Rail			0	0	0	★
Intensity	(fuels per thousand ton-kilo-meters)	kl/thousand ton-kilo-meters	0.014	0.014	0.015	★

### Initiatives toward Environmentally-Friendly Logistics

Improvement of Land Transport Efficiency	We will use more energy efficient transportation method. <ul style="list-style-type: none"> <li>• Using consolidated cargo</li> <li>• Using larger transport vehicles to increase loading rate</li> <li>• Reviewing transport routes and methods</li> </ul>
Improvement of Sea Transport Efficiency	We will continue to provide the following guidance for vessels chartered and/or operated by our affiliated companies. <ul style="list-style-type: none"> <li>• Increasing ship loading rate</li> <li>• Economic cruise speed operation</li> </ul>

### Environmental Conservation/Economic Effects

Activity

Mitsui's environmental conservation and economic effects in the areas of paper consumption and energy consumption during the fiscal year ended March 2019 are shown below.

Category	Scope of coverage	Environmental conservation effects	Economic effects
<b>Environmental Conservation/Economic Effects</b>			
Paper consumption	Head Office and all offices in Japan	7,280 K Sheets	4,219 K JPY
Electricity consumption	Head Office and Mitsui-owned buildings	115MWh	-13,459 K JPY

### Assessment of Environmental Liabilities

Activity

Currently, corporate management is strongly required to proactively deal with environmental issues. In addition to complying with legal requirements, we are working to monitor environmental risks of tangible fixed assets through self driven surveys such as land and buildings of Mitsui subsidiaries in Japan, especially asbestos, PCB and soil pollution, and make prompt decisions on management policies

### Environment-Related Fines or Penalties

Activity

Mitsui did not incur any environment-related fines or penalties in the fiscal year ended March 2019.