

# Environmental Data

<b>Kawasaki's Environmental Load Data (Fiscal 2015)</b>	31
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<b>Kawasaki's Environmental Load Data by Business Site (Fiscal 2015)</b>	32
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- Gifu Works
- Nagoya Works 1
- Kobe Works
- Hyogo Works
- Nishi-Kobe Works
- Seishin Works
- Akashi Works
- Kakogawa Works
- Harima Works
- Sakaide Works

<b>Environmental data of Subsidiaries</b>	34
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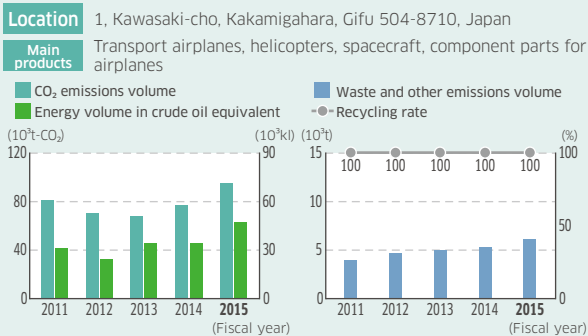
## Kawasaki's Environmental Load Data (Fiscal 2015)

		Unit	Whole group	Change from previous fiscal year	
INPUT	Total energy consumption (crude oil conversion)	kl	151,983	100%	
	Purchased electricity	MWh	367,818	104%	
	Fuel	TJ	2,309	93%	
	Renewable energy	MWh	1,749	93%	
	Materials	10,000 t	9	82%	
	Water	1,000 m <sup>3</sup>	5,993	100%	
OUTPUT	Air	CO <sub>2</sub> emissions volume from energy sources	t-CO <sub>2</sub>	318,211	121%
		SOx	t	10	140%
		NOx	t	176	122%
		Soot and dust	t	8	151%
		PRTR regulated substance	t	843	98%
	Water	Wastewater	1,000 m <sup>3</sup>	4,583	129%
		COD	t	11	127%
		Nitrogen	t	26	131%
		Phosphorus	t	0.2	91%
		PRTR regulated substance	t	1	120%
	Waste	Total emitted	t	50,651	102%
		Recycled	t	49,419	102%
		Others	t	1,232	105%
		PRTR regulated substance in above total	t	263	114%
	Others	CO <sub>2</sub> emissions during transport	t-CO <sub>2</sub>	4,120	107%

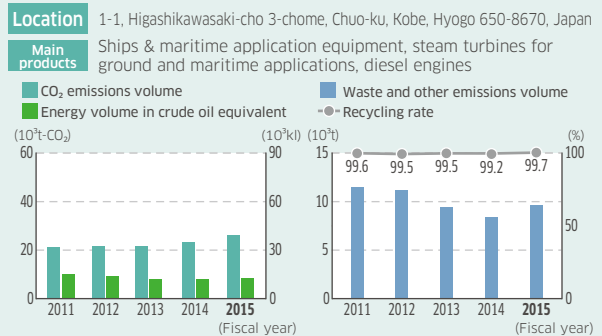
# Kawasaki's Environmental Load Data by Business Site (Fiscal 2015) 1/2

		Unit	Gifu Works	Nagoya Works 1	Kobe Works	Hyogo Works	Nishi-Kobe Works	
INPUT	Total energy consumption (crude oil conversion)	kl	35,282	12,237	12,627	5,395	16,300	
	Purchased electricity	MWh	69,681	47,251	33,391	16,773	58,263	
	Fuel	TJ	687	15	165	44	65	
	Renewable energy	MWh	0	627	27	28	566	
	Water	1,000 m <sup>3</sup>	4,008	46	307	82	148	
OUTPUT	Air	CO <sub>2</sub> emissions volume from energy sources	t-CO <sub>2</sub>	71,456	25,079	26,325	11,070	33,374
		SOx	t	1	Under 0.1	8	0	0
		NOx	t	60	0.5	94	0.7	1
		Soot and dust	t	0.6	Under 0.1	3	Under 0.1	Under 0.1
		PRTR regulated substance	t	120	1	97	92	48
	Water	Wastewater	1,000 m <sup>3</sup>	3,339	9	150	82	53
		COD	t	9	0.2	Under 0.1	Under 0.1	0.3
		Nitrogen	t	24	0.2	Under 0.1	Under 0.1	0.8
		Phosphorus	t	Under 0.1	Under 0.1	Under 0.1	Under 0.1	Under 0.1
		PRTR regulated substance	t	1	0	0	0	0
	Waste	Total emitted	t	5,411	768	9,790	4,135	4,376
		Recycled	t	5,411	768	9,761	4,135	4,376
		その他(焼却・埋立)	t	0	0	29	0	0
		PRTR regulated substance in above total	t	73	0	26	42	30

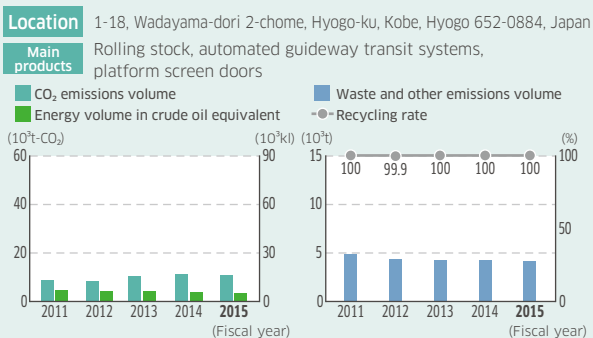
## Gifu Works (Including Nagoya Works 1)



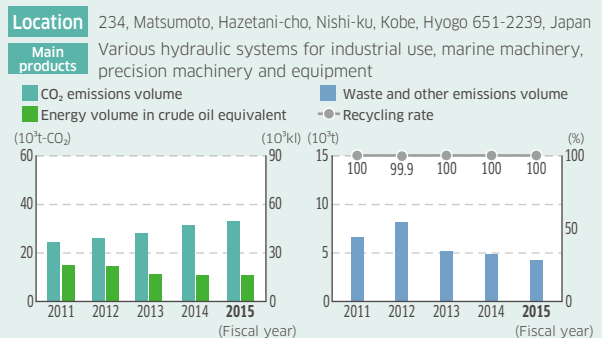
## Kobe Works



## Hyogo Works



## Nishi-Kobe Works



Note: CO<sub>2</sub> emissions are impacted by the electricity emission factor.

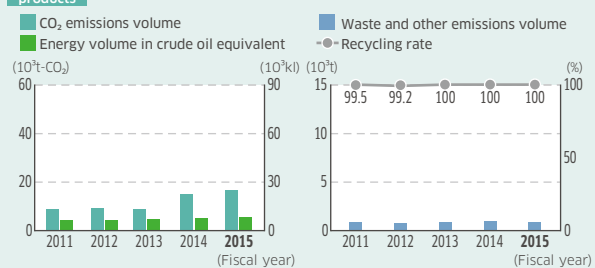
# Kawasaki's Environmental Load Data by Business Site (Fiscal 2015) 2/2

		Unit	Seishin Works	Akashi Works	Kakogawa Works	Harima Works	Sakaide Works	
INPUT	Total energy consumption (crude oil conversion)	kl	8,182	44,943	3,297	4,714	8,016	
	Purchased electricity	MWh	25,523	62,980	6,272	15,215	29,001	
	Fuel	TJ	70	1,131	67	34	29	
	Renewable energy	MWh	0	153	0	5	43	
	Water	1,000 m <sup>3</sup>	77	879	12	84	349	
OUTPUT	Air	CO <sub>2</sub> emissions volume from energy sources	t-CO <sub>2</sub>	16,716	93,794	6,642	9,641	22,172
		SOx	t	0	0	0	0	0
		NOx	t	1	17	0	0.4	Under 0.1
		Soot and dust	t	Under 0.1	0.4	0	Under 0.1	Under 0.1
		PRTR regulated substance	t	10	110	0	22	343
	Water	Wastewater	1,000 m <sup>3</sup>	56	546	5	33	310
		COD	t	0.6	1	Under 0.1	Under 0.1	0.3
		Nitrogen	t	0.5	1	Under 0.1	Under 0.1	0.4
		Phosphorus	t	Under 0.1	Under 0.1	Under 0.1	Under 0.1	Under 0.1
		PRTR regulated substance	t	0	Under 0.1	0	0	0
	Waste	Total emitted	t	917	8,569	1,299	4,725	10,621
		Recycled	t	917	8,557	1,299	4,725	9,430
		その他(焼却・埋立)	t	0	12	0	0	1,191
		PRTR regulated substance in above total	t	3	76	0	2	11

## Seishin Works

**Location** 8-1, Takatsukadai 2-chome, Nishi-ku, Kobe, Hyogo 651-2271, Japan

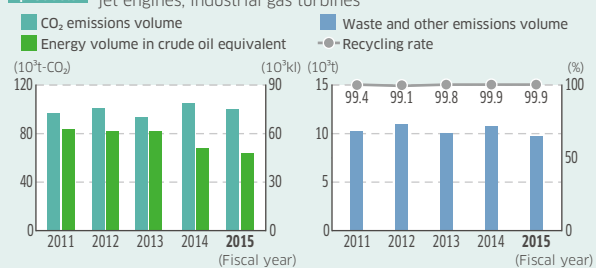
**Main products** Component parts for jet engines and gas turbines



## Akashi Works (Including Kakogawa Works)

**Location** 1-1, Kawasaki-cho, Akashi, Hyogo 673-8666, Japan

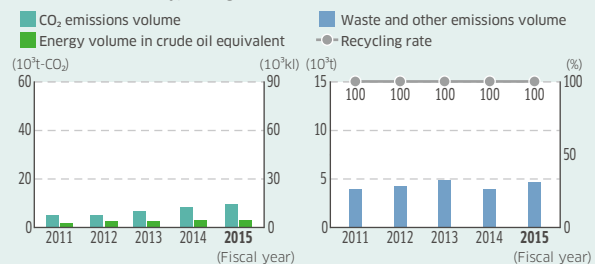
**Main products** Motorcycles, General-purpose gasoline engines, industrial robots, jet engines, industrial gas turbines



## Harima Works

**Location** 8, Nijima, Harima-cho, Kako-gun, Hyogo 675-0155, Japan

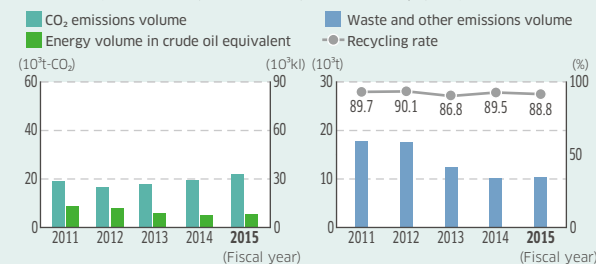
**Main products** Industrial & environmental plants, boilers, construction machinery, rolling stock



## Sakaide Works

**Location** 1, Kawasaki-cho, Sakaide, Kagawa 762-8507, Japan

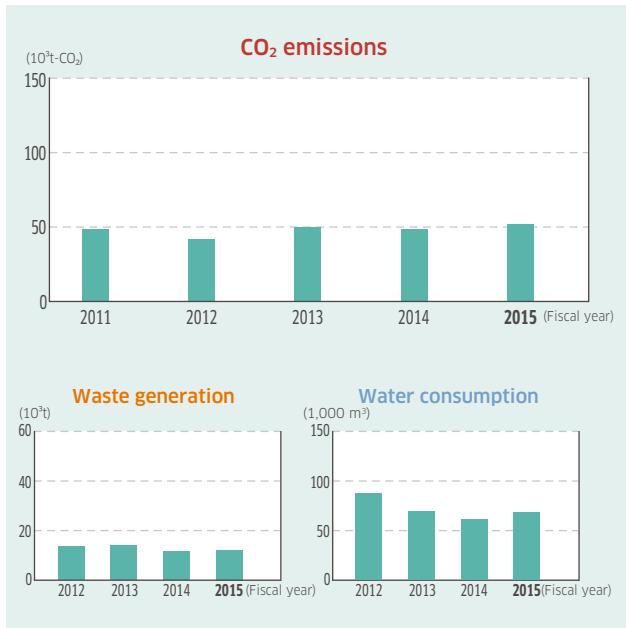
**Main products** Ships & maritime application equipment (LNG carriers, LPG carriers, container ships, etc.)



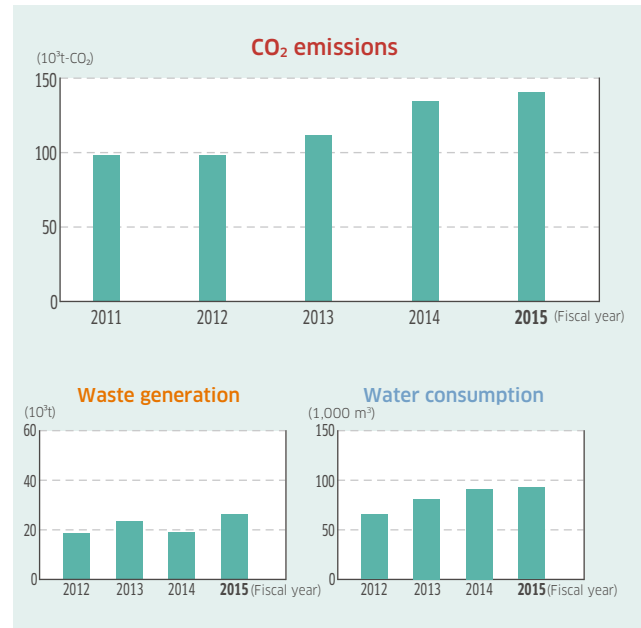
Note: CO<sub>2</sub> emissions are impacted by the electricity emission factor.

# Environmental Data of Subsidiaries

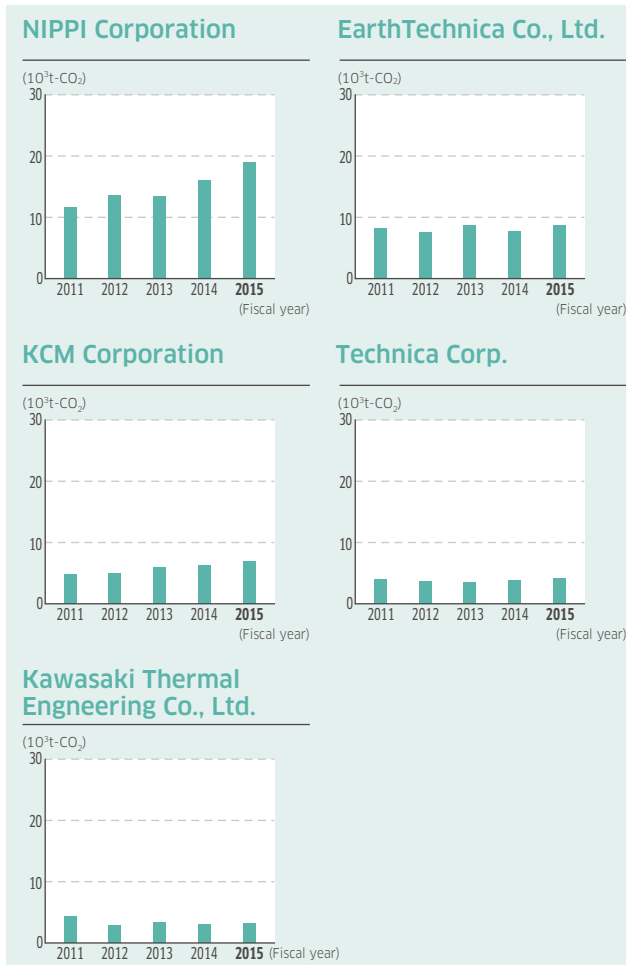
## Total for Domestic Subsidiaries



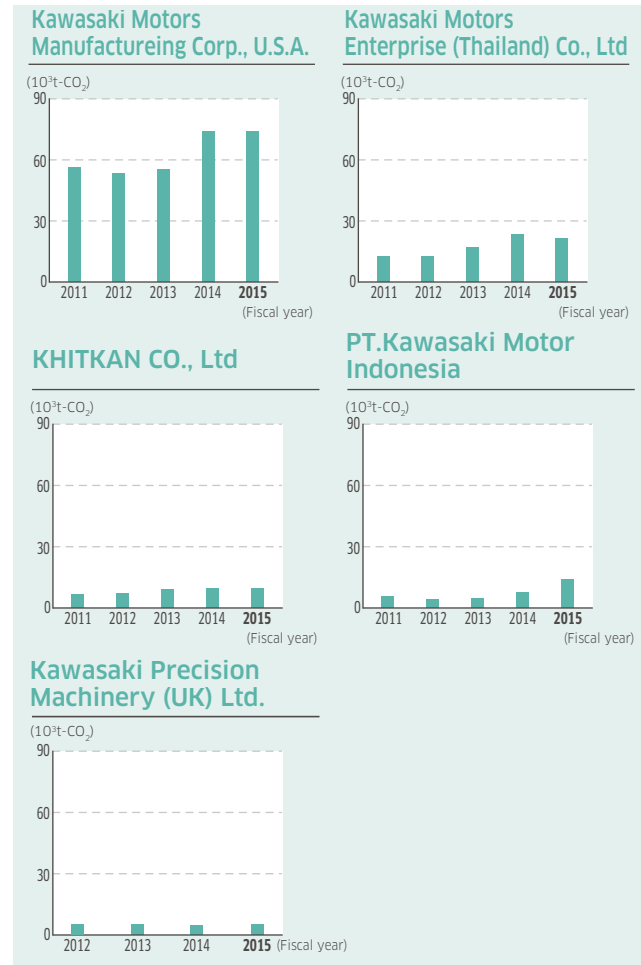
## Total for Overseas Subsidiaries



## CO<sub>2</sub> emission of domestic major subsidiaries



## CO<sub>2</sub> emission of overseas major subsidiaries



Note: the CO<sub>2</sub> emissions coefficients used in graphs are in principle those indicated below.

- Ministry of the Environment website: List of emission factors for electric power providers, published by Japan's Ministry of the Environment (Used in submission for 2015) <http://ghg-santeikohyo.env.go.jp/calc> (Japanese only)
- For CO<sub>2</sub> emissions volume through overseas electricity consumption, the figures published by the Greenhouse Gas Protocol are used.
- Subsidiary environmental data collection targets are, in principle, the companies with EMS that are listed on page 19.