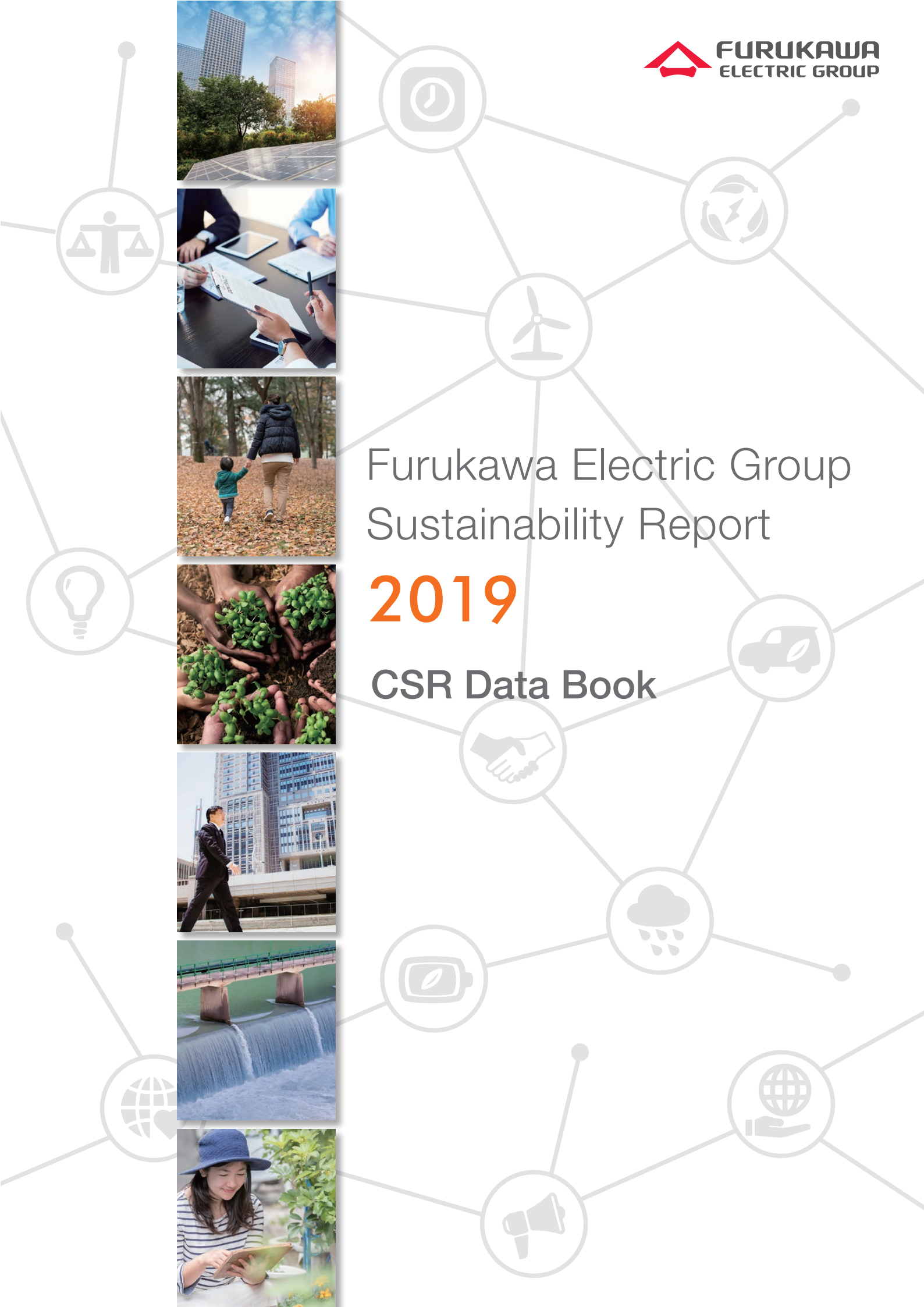


# Furukawa Electric Group Sustainability Report

## 2019

### CSR Data Book



## Environment

### Environmental conservation costs (Unit: million yen)

#### Furukawa Electric

Category	Key activity and the outcome	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Business area costs	Pollution prevention (air pollution, etc) energy conservation, waste disposal, etc.	1,222	936	1,133	1,191	1,180
Upstream/downstream costs	Recovery of packaging, drums, etc.	207	189	163	152	175
Administration costs	Environmental management system auditing, environmental impact monitoring, etc.	345	331	332	354	331
Research and development costs	Development of environmentally friendly products, research into alternatives for harmful substances	642	338	278	171	286
Social activity costs	Tree planting, local community cleaning activities, donations, etc.	1	2	2	2	2
Environmental remediation costs	Environmental impact assessments, cleanup of polluted soil, etc.	1	1	1	1	3
<b>Total</b>		<b>2,418</b>	<b>1,797</b>	<b>1,909</b>	<b>1,871</b>	<b>1,977</b>

#### Domestic group companies

Category	Key activity and the outcome	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Business area costs	Pollution prevention (air pollution, etc) energy conservation, waste disposal, etc.	520	961	510	492	476
Upstream/downstream costs	Recovery of packaging, drums, etc.	258	110	243	245	210
Administration costs	Environmental management system auditing, environmental impact monitoring, etc.	108	102	117	138	136
Research and development costs	Development of environmentally friendly products, research into alternatives for harmful substances	72	84	93	62	60
Social activity costs	Tree planting, local community cleaning activities, donations, etc.	3	6	5	5	4
Environmental remediation costs	Environmental impact assessments, cleanup of polluted soil, etc.	0	4	4	8	0
<b>Total</b>		<b>961</b>	<b>1,268</b>	<b>972</b>	<b>950</b>	<b>886</b>

#### Furukawa Electric + Domestic group companies

Category	Key activity and the outcome	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Business area costs	Pollution prevention (air pollution, etc) energy conservation, waste disposal, etc.	1,742	1,897	1,643	1,683	1,656
Upstream/downstream costs	Recovery of packaging, drums, etc.	465	299	406	397	385
Administration costs	Environmental management system auditing, environmental impact monitoring, etc.	453	433	449	492	467
Research and development costs	Development of environmentally friendly products, research into alternatives for harmful substances	714	422	371	233	346
Social activity costs	Tree planting, local community cleaning activities, donations, etc.	4	8	7	7	6
Environmental remediation costs	Environmental impact assessments, cleanup of polluted soil, etc.	1	5	5	9	3
<b>Total</b>		<b>3,379</b>	<b>3,065</b>	<b>2,881</b>	<b>2,821</b>	<b>2,863</b>

**Economic benefits associated with environmental conservation activities**

(Unit: million yen) Reduction amount compared to previous year, Minus figures indicate an increase

**Furukawa Electric**

Details of benefits	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Revenue from recycling	220	199	474	296	159
Reduction in waste disposal costs	-13	18	-4	-54	117
Reduction in energy costs <sup>(note)</sup>	1,778	1,499	1,089	-925	-531
Reduction in water purchase costs	53	-15	18	4	3
<b>Total</b>	<b>2,037</b>	<b>1,701</b>	<b>1,577</b>	<b>-680</b>	<b>-252</b>

**Domestic group companies**

Details of benefits	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Revenue from recycling	487	304	213	284	334
Reduction in waste disposal costs	39	18	9	-69	-55
Reduction in energy costs <sup>(note)</sup>	-284	607	420	274	-80
Reduction in water purchase costs	-23	-7	-9	39	-16
<b>Total</b>	<b>220</b>	<b>922</b>	<b>633</b>	<b>528</b>	<b>183</b>

**Furukawa Electric + Domestic group companies**

Details of benefits	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Revenue from recycling	707	503	687	580	493
Reduction in waste disposal costs	26	36	5	-123	62
Reduction in energy costs <sup>(note)</sup>	1,494	2,106	1,509	-651	-611
Reduction in water purchase costs	30	-22	9	43	-13
<b>Total</b>	<b>2,257</b>	<b>2,623</b>	<b>2,210</b>	<b>-152</b>	<b>-69</b>

(note) It was affected by the partial transfer of the business of VISCAS Co., Ltd. in October 2016 and the impact of energy price increases since 2016.

## Environmental conservation benefits

### Furukawa Electric

Environmental impact	Unit	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Volume of industrial waste disposal processed <sup>(note 1)</sup>	tons	208	115	351	115	336
Energy consumption (crude oil equivalent)	1,000 kℓ	119	126	128	137	139
Water consumption <sup>(note 2)</sup>	1,000 tons	19,133	8,792	8,304	8,175	8,427
Emissions of volatile organic chemical compounds	tons	152	172	196	210	203
CO <sub>2</sub> emissions	1,000 tons-CO <sub>2</sub>	218	219	217	229	226
SO <sub>x</sub> emissions	tons	27	46	14	1	1
NO <sub>x</sub> emissions	tons	104	220	45	32	56
Soot emissions	tons	4	10	5	3	12

### Domestic group companies

Environmental impact	Unit	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Volume of industrial waste disposal processed <sup>(note 1)</sup>	tons	1,652	1,276	1,444	1,170	1,943
Energy consumption (crude oil equivalent)	1,000 kℓ	74	62	64	61	58
Water consumption <sup>(note 2)</sup>	1,000 tons	1,850	1,923	1,985	2,187	2,088
Emissions of volatile organic chemical compounds	tons	99	100	108	120	115
CO <sub>2</sub> emissions	1,000 tons-CO <sub>2</sub>	162	132	140	123	112
SO <sub>x</sub> emissions	tons	1	1	1	0	0
NO <sub>x</sub> emissions	tons	4	3	10	22	20
Soot emissions	tons	0	0	2	1	0

### Furukawa Electric + Domestic group companies

Environmental impact	Unit	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Volume of industrial waste disposal processed <sup>(note 1)</sup>	tons	1,860	1,391	1,795	1,285	2,279
Energy consumption (crude oil equivalent)	1,000 kℓ	193	188	192	198	197
Water consumption <sup>(note 2)</sup>	1,000 tons	20,983	10,715	10,289	10,362	10,516
Emissions of volatile organic chemical compounds	tons	251	272	304	330	318
CO <sub>2</sub> emissions	1,000 tons-CO <sub>2</sub>	380	351	357	352	338
SO <sub>x</sub> emissions	tons	28	46	15	1	2
NO <sub>x</sub> emissions	tons	108	222	55	55	76
Soot emissions	tons	4	10	6	4	12

(note 1) Excluding recycled wastes

(note 2) From FY2015, the method of counting water usage was reviewed.

## Investment and research costs (Unit: million yen)

### Furukawa Electric

Investment and research costs	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Total investment	11,198	6,394	8,490	11,919	14,775
Of which, environment-related investment	327	304	658	1,055	571
Total research costs	7,240	7,520	7,507	8,780	9,367

### Domestic group companies

Investment and research costs	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Total investment	3,922	2,592	3,403	4,873	6,231
Of which, environment-related investment	345	669	338	390	332
Total research costs	2,481	594	1,967	2,245	2,371

### Furukawa Electric + Domestic group companies

Investment and research costs	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Total investment	15,120	8,986	11,893	16,792	21,006
Of which, environment-related investment	672	973	996	1,445	903
Total research costs	9,721	8,114	9,474	11,025	11,738

## Environmentally-friendly products

### Cumulative number of registered items and percentage of sales

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Cumulative number of registered items	97	106	112	116	121
	Percentage of sales on a one-year basis	43.4	48.3	50.0	51.1	64.8
Furukawa Electric (consolidated)	Cumulative number of registered items	35	75	83	92	105
	Percentage of sales on a one-year basis	24.4	30.6	32.0	32.6	40.5

(note) In fiscal 2018, the rule for the environmentally friendly products was revised (The products that reduced the greenhouse gas (GHG) in the manufacturing process, etc.) and was reflected in the aggregate calculation.

## Use of water resources (Unit: 1,000 m<sup>3</sup>)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric <sup>(note)</sup> + domestic group companies	20,983	10,715	10,289	10,362	10,516
Overseas Group Companies	2,732	2,621	2,579	2,652	2,624
<b>Total</b>	<b>23,715</b>	<b>13,336</b>	<b>12,868</b>	<b>13,014</b>	<b>13,140</b>

(note) From FY2015, the method of counting water usage was reviewed.

**Amount of wastewater discharged** (Unit: 1,000 m<sup>3</sup>)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	17,998	16,920	9,095	9,494	9,272
Public water area	17,448	16,451	8,491	8,754	8,630
Rivers	16,203	15,248	7,684	7,789	7,678
Oceans	1,218	1,185	787	949	934
Other	20	18	20	17	17
Sewerage	550	469	604	740	642
Overseas Group Companies	1,857	1,654	1,913	1,715	1,983
Public water area	608	475	379	417	513
Rivers	365	243	105	108	110
Oceans	0	0	0	0	0
Other	243	232	274	309	403
Sewerage	1,249	1,179	1,534	1,298	1,470

**Amount of water recycled and reused** (Unit: 1,000 m<sup>3</sup>)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	1,126	1,121	1,118	1,113	1,113
Overseas Group Companies	10,631	24,983	31,703	37,121	53,837

**Raw materials** (Unit: 1,000 Tons)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	Copper	150.2	165.2	168.5	177.8	145.6
	Aluminum	8.0	7.1	7.0	6.7	7.6
	Steel	2.2	2.3	2.5	2.2	2.6
	Other metals	0.9	3.7	4.8	5.3	5.9
	Glass	0.0	0.0	0.0	0.0	0.0
	Plastics	37.4	31.2	32.7	33.2	33.7
Overseas Group Companies	Copper	191.7	168.2	167.6	180.4	188.5
	Aluminum	20.6	26.5	30.0	39.3	56.9
	Steel	7.6	7.6	11.4	9.7	9.4
	Other metals	—	0.0	1.1	0.9	0.8
	Glass	3.5	3.0	3.4	3.8	3.6
	Plastics	39.5	40.1	40.5	41.7	54.1

**Greenhouse gas emissions** (Unit: x10<sup>4</sup> tons CO<sub>2e</sub>)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
CO <sub>2</sub> (Furukawa Electric + domestic group companies)	38.0	35.1	35.7	35.3	33.8
CO <sub>2</sub> (Overseas Group Companies)	47.5	48.1	46.1	46.0	45.6
SF <sub>6</sub> (Furukawa Electric) <sup>(note)</sup>	—	—	6.3	9.0	4.9
<b>Total</b>	<b>85.5</b>	<b>83.2</b>	<b>88.1</b>	<b>90.3</b>	<b>84.3</b>

(note) According to a partial transfer of the business of VISCAS Corporation in October 2016, SF<sub>6</sub> (sulfur hexafluoride) emissions were added on this values.

**Renewable energy ratio (Furukawa Electric + domestic group companies)** (Unit: GWh)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Renewable energy ratio (Hydroelectric power generations and others)	76	87	105	110	109
<b>Electric power consumption</b>	<b>613</b>	<b>583</b>	<b>619</b>	<b>644</b>	<b>642</b>
Renewable energy ratio (%)	12	15	17	17	17

**Amount of final disposal** (Unit: 1,000 Tons)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	0.3	0.2	0.3	0.4	0.4
Overseas Group Companies	15.3	10.3	9.2	12.0	11.0

**Amount of recycled resources** (Unit: 1,000 Tons)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	31.1	31.5	30.5	26.8	26.1
Overseas Group Companies	8.1	8.1	5.2	5.2	5.3

**Total amount of waste generated** (Unit: 1,000 Tons)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	34	34	33	30	31
Overseas Group Companies	23	18	18	17	16
<b>Total</b>	<b>57</b>	<b>52</b>	<b>51</b>	<b>47</b>	<b>47</b>

(note) Total amount of waste generated in Japan includes valuable resources

**NO<sub>x</sub> and SO<sub>x</sub> emissions** (Unit: Tons)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	NO <sub>x</sub>	108	222	55	55	76
	SO <sub>x</sub>	28	46	15	1	2

**Emissions of volatile organic compounds (VOC)** (Unit: Tons)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	152	172	196	210	203
Domestic group companies	99	100	108	120	115
<b>Total</b>	<b>251</b>	<b>272</b>	<b>304</b>	<b>330</b>	<b>318</b>

**Greenhouse gas emissions disclosed to CDP** (1,000 tons of CO<sub>2e</sub> / year)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric Group	Scope1 <sup>(note)</sup>	138	155	209	238	197
	Scope2	694	676	671	665	646
	Scope3	—	1,649	1,584	1,555	1,607
<b>Total</b>		<b>—</b>	<b>2,480</b>	<b>2,464</b>	<b>2,458</b>	<b>2,450</b>

(note) According to a partial transfer of the business of VISCAS Corporation in October 2016, SF<sub>6</sub> (sulfur hexafluoride) emissions were added on this values.

**Energy consumption** (Unit: 1,000 kℓ)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	193	188	192	198	198
Overseas Group Companies	213	223	220	221	226
<b>Total</b>	<b>406</b>	<b>411</b>	<b>412</b>	<b>419</b>	<b>424</b>

**GHG emissions per unit of sales** (ton-CO<sub>2</sub> / 1 million yen)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric + domestic group companies	0.794	0.781	0.793	0.702	0.678
Overseas Group Companies	1.163	1.131	1.173	0.991	0.924

**List of PRTR compatible materials (Furukawa Electric and Domestic group companies)** (Unit: Tons)

Substance No.	Substance	Volume handled	Volume released	Volume transferred	Volume contained in products/ disappeared by combustion
1	Zinc and its compounds	4.5	0.0	0.5	4.1
31	Antimony and its compounds	416.5	0.2	105.5	310.8
53	Ethylbenzene	98.5	0.7	15.6	82.1
71	Ferric chlorides	32.2	0.0	0.0	32.2
75	Cadmium and its compounds	100.6	0.0	28.3	72.3
80	Xylene	126.1	3.4	19.9	102.7
82	Silver and its water-soluble compounds	2.3	0.0	0.8	1.5
86	Cresol	411.3	7.6	43.4	360.3
87	Chromium and trivalent chromium compounds	56.9	0.0	0.0	56.9
88	Hexavalent chromium compounds	5.5	0.0	4.3	1.2
132	Cobalt and its compounds	4.4	0.0	0.1	4.3
144	Inorganic cyanide compounds (Excluding complex salt and cyanate)	1.8	0.1	0.8	0.8
213	N,N-dimethylacetamide	722.7	18.6	21.7	682.4
255	Decabromodiphenyl ether	263.1	0.4	80.3	182.3
272	Copper salts (water-soluble)	5,972.0	0.1	23.9	5,948.0
296	1,2,4-trimethylbenzene	19.0	0.1	0.0	18.9
297	1,3,5-trimethylbenzene	2.7	0.3	0.1	2.3
300	Toluene	226.8	110.1	43.4	73.3
304	Lead	9,448.4	0.1	0.3	9,448.0
305	Lead compounds	31,506.0	0.1	0.3	31,505.6
308	Nickel	567.5	0.0	2.5	564.9
309	Nickel compounds	98.8	0.0	9.9	88.9
332	Arsenic and its inorganic compounds	14.5	0.0	0.0	14.5
333	Hydrazine	8.3	0.0	0.0	8.3
349	Phenol	309.6	5.7	31.3	272.5
355	Bis (2-ethylhexyl) phthalate	152.8	0.0	0.1	152.8
374	Hydrogen fluoride and its water-soluble compounds	5.7	0.0	3.0	2.7
384	N-propyl bromide	1.6	1.6	0.0	0.0
392	N-hexane	1.4	0.3	0.3	0.8
405	Boron and its compounds	7.7	0.5	0.5	6.6
412	Manganese and its compounds	10.4	0.0	0.0	10.4
413	Phthalic anhydride	3.8	0.0	0.0	3.8
438	Methylnaphthalene	21.1	0.0	0.0	21.0
<b>Total</b>		<b>50,624.5</b>	<b>150.3</b>	<b>436.9</b>	<b>50,037.2</b>

(note) This list is target for substances with a transaction volume of 1 tons or more (0.5 tons or more for Class 1 Designated Chemical Substances) for the entire Group.



## Social

### Employee turnover rate by gender (Unit: %)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	1.09	2.10	1.16	1.02	1.17
Female	1.48	1.00	1.79	0.86	1.62
<b>Total</b>	<b>1.12</b>	<b>2.00</b>	<b>1.22</b>	<b>1.01</b>	<b>1.21</b>

### Number of new graduate recruits by gender (Unit : People)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Specialized staff	Male	21	28	45	61	73	80
	Female	5	8	15	31	31	31
	<b>Total</b>	<b>26</b>	<b>36</b>	<b>60</b>	<b>92</b>	<b>104</b>	<b>111</b>
	Foreign nationals	1	0	0	1	0	0
Professional staff	Male	0	0	0	15	46	49
	Female	0	0	0	0	0	1
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>46</b>	<b>50</b>

### Ratio of labor union membership (Unit: %)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	99.8	99.9	99.7	98.5	97.4
Female	96.4	97.6	97.8	98.3	99.4
<b>Total</b>	<b>99.5</b>	<b>99.7</b>	<b>99.5</b>	<b>98.5</b>	<b>99.1</b>

### Overtime work hours per person (Unit: Hours per month)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Direct work	24.78	24.85	24.86	27.97	27.19
Indirect work	20.28	19.40	19.66	19.25	19.33
<b>Total</b>	<b>22.77</b>	<b>22.30</b>	<b>22.47</b>	<b>23.50</b>	<b>23.17</b>

**Regular annual leave** (Unit: Days)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Days carried over per person (A)	22.6	22.6	22.6	20.8	18.3
Days granted per person (B)	24.0	23.9	24.1	24.3	24.0
Days acquired per person (C)	13.7	13.6	13.9	14.7	15.2
<b>Acquisition rate (C÷B) (%)</b>	<b>57.1</b>	<b>56.9</b>	<b>57.7</b>	<b>60.3</b>	<b>63.2</b>

(note) Regular annual leave is calculated as leave taken between September 16 and September 15 of the following year.

**People taking volunteer leave** (Number of employees)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	3	1	2	0	0
Female	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>

**People taking refresh leave** (Number of employees)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	54	90	125	152	178
Female	2	10	16	15	25
<b>Total</b>	<b>56</b>	<b>100</b>	<b>141</b>	<b>167</b>	<b>203</b>

(note) "Refresh leave" is a system that allows employees with 25 years of continuous service to take 14 or more days of leave.

**People taking maternity/paternity leave** (Number of employees)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	9	3	7	27	21
Ratio of employees returning to work (%)	100	100	100	100	100
Female	16	22	28	12	10
Ratio of employees returning to work (%)	100	100	100	100	100
<b>Total</b>	<b>25</b>	<b>25</b>	<b>35</b>	<b>39</b>	<b>31</b>
<b>Ratio of employees returning to work (%)</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**People taking nursing care leave** (Number of employees)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Male	1	1	0	0	0
Ratio of employees returning to work (%)	100	100	—	—	—
Female	0	0	0	0	0
Ratio of employees returning to work (%)	—	—	—	—	—
<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ratio of employees returning to work (%)</b>	<b>100</b>	<b>100</b>	<b>—</b>	<b>—</b>	<b>—</b>

**Ratio of non-regular employees** (unit: %) ((1): re-employed, part timers, term-limited employees) / ((1) + Regular employees)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	1.65	1.40	2.77	3.38	4.04

**Ratio of employees subject to HR evaluation** (Unit: %)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Target control system	39	42	42	42	41
	Absolute and relative evaluations based on ranking	100	100	100	100	100

**Training costs per employee** (Unit: 1,000 yen)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	—	—	—	109	114

(note) Calculated from FY2017

**Number of male and female employees**

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Male	Number of people	3,154	2,976	3,338	3,350	3,465
		Percentage (%)	92	92	91	91	91
	Female	Number of people	281	275	313	335	351
		Percentage (%)	8	8	9	9	9

**Number and percentage of managers by gender**

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Male	Number of people	828	844	911	905	929
		Percentage (%)	97	97	97	97	97
	Female	Number of people	22	23	26	31	31
		Percentage (%)	3	3	3	3	3

(note) Key employees or higher

**Employment rate of disabled persons** (Unit: %)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Real employment rate	2.04	2.32	2.31	2.23	2.12

**Ratio of the Works certified by OSHMS** (Unit: %)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	83	83	83	83	83

(note) Works having production departments

**Number of employees receiving safety training** (Total number of people per year)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	802	962	979	1,001	1,345

**Frequency rate of accidents resulting in time off work**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	0.28	0.29	0.28	0.63	0.48

(note) Frequency rate = (No. of casualties / Total actual work hours) x 1,000,000

**Number of deaths among regular employees**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	0	0	0	0	0

(note) Personal injury and disease not included

**Number of deaths among non-regular employees**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	0	0	0	0	0

(note) Contractors not included

**Number of employees receiving GENBA-RYOKU reinforcement training** (Unit: people)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	156	237	215	184	305
Domestic group companies	159	189	265	121	101
<b>Total</b>	<b>315</b>	<b>426</b>	<b>480</b>	<b>305</b>	<b>406</b>

**Number of complaints regarding products and services**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	—	1.00	0.89	0.79	0.63

(note) Ratio in the case where FY2015 results are taken as 1.00

**Number of employees receiving health training**

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Total number of people	739	536	2,073	3,707	7,109
	Total time (Unit: Hour)	1,478	1,072	2,451	3,111	3,584

(note) Only mental health training is counted from FY2013 to FY2015

(note) All health related training is counted from FY2016 onwards

**Number of partners who conducted monitoring (environmental and social aspects)** (Unit: Companies)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Number of partners	—	5,229	5,379	5,511	5,634

**Education by hierarchy** (Units: Person)

Lecture	Target	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Executive training	Newly appointed officers (full-time, part-time) <sup>(note 1)</sup>	30	23	23	18	6
Training for section managers	New section managers and managers <sup>(note 2) (note 3)</sup>	61	42	52	79	69
Training for key employees	Newly appointed managers and full-time employees <sup>(note 2)</sup>	85	43	42	49	53
New employee training	New employees <sup>(note 2) (note 3)</sup>	26	36	57	92	104

(note 1) Furukawa Electric

(note 2) Furukawa Electric and employees dispatched to other companies

(note 3) Human rights education included in the lecture

**Number of employees trained in competition law compliance and bribery regulations** (Units: Person)

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Number of participants to seminars in Japan Furukawa Electric + Japan group companies	261	269	306	246	541
Number of participants to seminars overseas Overseas Group Companies	60 (Tianjin and Shenzhen)	30 (Shanghai)	40 (Bangkok)	38 (Jakarta)	128 (Philippines, Tianjin, Shenzhen and Shanghai)

**Number of employees trained in the Subcontract Act and security trade control** (Units: Person)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric Group	Subcontract Act	360	505	670	627	532
	Security trade control	800	594	671	853	1,125

## Governance

### Number of directors (Units: Person)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Furukawa Electric	Directors	12	12	12	12	12	12
	Outside directors	3	4	5	5	5	5
	Independent directors	1	2	3	3	3	5
	Female directors	0	0	0	0	0	1

(note) As of the end of the fiscal year, however, as of June 27, 2019 in fiscal 2019

## Others

### Sales by region and overseas sales ratio (Unit: million yen)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric Group	Japan	482,564	469,617	453,317	510,663	521,281
	China	77,780	90,336	82,039	96,911	94,006
	Asia (except Japan and China)	167,224	166,516	155,983	193,059	213,260
	North and Central America	57,753	73,980	82,302	84,746	72,677
	South America, Europe and others	82,493	74,429	69,701	81,952	90,364
<b>Total</b>		<b>867,817</b>	<b>874,879</b>	<b>843,344</b>	<b>967,333</b>	<b>991,590</b>
Overseas sales		385,250	405,262	390,027	456,669	470,309
Overseas sales ratio (%)		44.4	46.3	46.2	47.2	47.4

(note) Sales are classified into countries or regions based on the location of customers

### Number of patent rights (Unit: patents)

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Furukawa Electric	Domestic patents	4,558	4,449	4,564	4,571	4,523
	Overseas patents	2,166	2,236	2,263	2,450	2,640
<b>Total</b>		<b>6,724</b>	<b>6,685</b>	<b>6,827</b>	<b>7,021</b>	<b>7,163</b>