

Environmental conservation costs

(Unit: million yen)

Category	Key activity and the outcome	Furukawa Electric		Affiliated companies
		Total cost	Year on year	Total costs
1. Business area costs	Pollution prevention (air pollution, etc). energy conservation, waste disposal, etc.	1,222	42	520
2. Upstream/downstream costs	Recovery of packaging, drums, etc.	207	- 139	258
3. Administration costs	Environmental management system auditing, environmental impact monitoring, etc.	345	- 15	108
4. Research and development costs	Development of environmentally friendly products, research into alternatives for harmful substances	642	- 385	72
5. Social activity costs	Tree planting, local community cleaning activities, donations, etc.	1	- 1	3
6. Environmental remediation costs	Environmental impact assessments, cleanup of polluted soil, etc.	1	- 0	0
Total		2,418	- 497	961

(note) Affiliated companies with environmental conservation costs (24 companies) differ from those the preceding fiscal year, so the comparison with the preceding fiscal year was not calculated

Economic benefits associated with environmental conservation activities

(Unit: million yen)

Details of benefits	Total benefit	
	Furukawa Electric	Affiliated companies
Revenue from recycling	220	487
Reduction in waste disposal costs	- 13	39
Reduction in energy costs	1,778	- 284
Reduction in water purchase costs	53	- 23
Total	2,037	220

(note) Minus figures indicate an increase

Environmental conservation benefits

Emissions causing environmental impact	Unit	Furukawa Electric		Affiliated companies
		Amount of environmental burden	Reduction	Reduction
Volume of industrial waste disposal processed (note 1)	tons	208	91	235
Energy consumption (crude oil equivalent)	1,000KL	119	19	1
Water consumption	1,000 tons	19,133	- 772	- 72
Emissions of volatile organic chemical compounds	tons	152	40	4
CO ₂ emissions	1,000 tons-CO ₂	218	30	3
SO _x emissions	tons	27	19	1
NO _x emissions	tons	104	- 5	-0
Soot emissions	tons	4	1	0

(note1) Excluding recycled wastes
(note) Minus figures indicate an increase

Investment and research costs

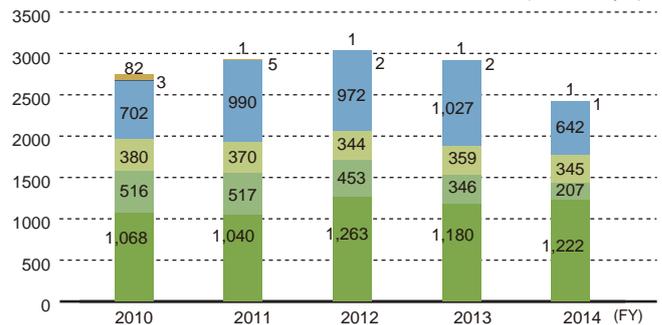
(Unit: million yen)

Investment and research costs	Total costs	
	Furukawa Electric	Affiliated companies
Environment-related investment	327	345
Total investment	11,198	3,922
Total research costs	7,240	2,481

Environmental conservation costs (Furukawa Electric)

■ Business area costs ■ Upstream/downstream costs
■ Administration costs ■ Research and development costs
■ Social activity costs ■ Environmental remediation costs

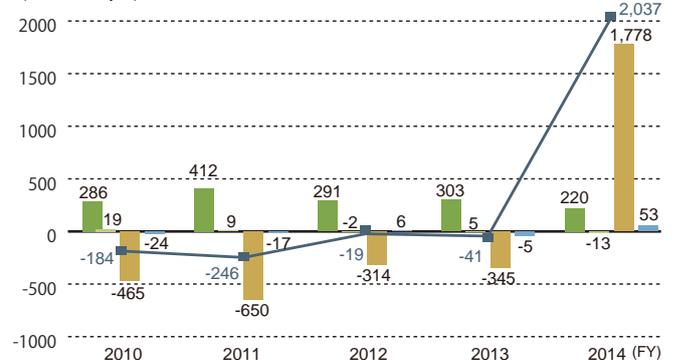
(Unit: million yen)



Economic benefits associated with environmental conservation activities (Furukawa Electric)

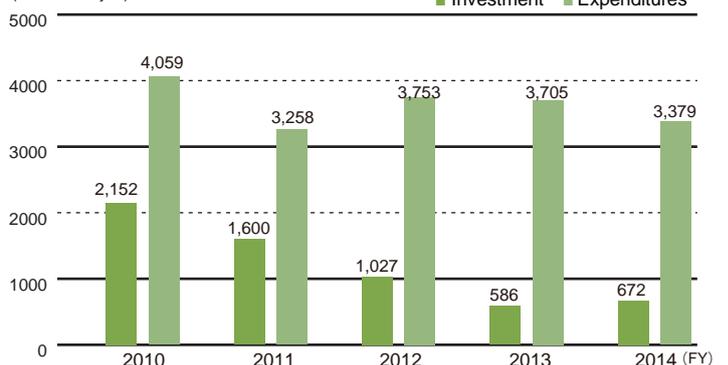
■ Revenue from recycling ■ Reduction in waste disposal costs
■ Reduction in energy costs ■ Reduction in water purchase costs
■ Total revenue and expenditure

(Unit: million yen)



Environment-Related Investment and Expenditures (Furukawa Electric and Affiliated Companies)

(Unit: million yen)



List of PRTR compatible materials (Furukawa Electric Group)

(Unit: Tons)

Substance No.	Substance	Volume handled	Volume released	Volume transferred	Volume contained in products/ disappeared by combustion
1	Zinc and its compounds	3.6	0.0	0.4	3.2
31	Antimony and its compounds	389.3	44.0	89.8	255.5
53	Ethylbenzene	4.9	0.1	0.2	4.6
71	Ferric chlorides	38.4	0.0	17.1	21.3
75	Cadmium and its compounds	95.6	0.0	3.4	92.2
80	Xylene	17.4	2.5	0.6	14.3
82	Silver and its water-soluble compounds	11.9	0.0	0.0	11.9
86	Cresol	137.8	0.2	6.7	131.0
87	Chromium and trivalent chromium compounds	13.6	0.0	0.1	13.5
88	Hexavalent chromium compounds	4.8	0.0	3.8	1.0
132	Cobalt and its compounds	3.1	0.0	0.1	3.0
144	Inorganic cyanide compounds (Excluding complex salt and cyanate)	21.0	0.0	1.7	19.2
213	N,N-dimethylacetamide	188.0	0.1	9.4	178.5
232	N,N-dimethylformamide	18.7	0.1	0.9	17.7
239	Organotin compound	1.8	0.0	0.0	1.8
255	Decabromodiphenyl ether	289.7	0.2	0.5	289.0
272	Copper salts (water-soluble)	10,378.7	0.1	36.7	10,341.9
296	1,2,4-trimethylbenzene	18.5	0.1	0.0	18.4
297	1,3,5-trimethylbenzene	1.2	0.2	0.1	1.0
300	Toluene	214.3	112.1	31.6	70.5
305	Lead compounds	27,634.9	0.1	4.1	27,630.7
308	Nickel	589.6	0.0	6.9	582.7
309	Nickel compounds	104.9	0.0	14.6	90.2
332	Arsenic and its inorganic compounds	10.4	0.0	0.0	10.4
333	Hydrazine	5.2	0.0	0.0	5.2
349	Phenol	102.1	0.1	5.0	97.0
355	Bis (2-ethylhexyl) phthalate	198.7	0.0	0.2	198.5
374	Hydrogen fluoride and its water-soluble compounds	7.3	0.0	5.6	1.7
384	N-propyl bromide	2.6	2.6	0.0	0.0
392	N-hexane	2.0	0.1	0.4	1.6
405	Boron and its compounds	2.4	0.8	0.5	1.1
412	Manganese and its compounds	8.2	0.0	0.0	8.2
438	Methylnaphthalene	68.9	0.3	0.0	68.5
Total		40,589.5	163.9	240.5	40,185.2

(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.