

Environmental conservation costs

(Unit: million yen)

| Category | Key activity and the outcome | Furukawa Electric | | Affiliated companies | |
|------------------------------------|---|-------------------|--------------|----------------------|--------------|
| | | Total cost | Year on year | Total costs | Year on year |
| 1. Business area costs | Pollution prevention (air pollution, etc). energy conservation, waste disposal, etc. | 936 | -286 | 961 | 441 |
| 2. Upstream/downstream costs | Recovery of packaging, drums, etc. | 189 | -18 | 110 | -148 |
| 3. Administration costs | Environmental management system auditing, environmental impact monitoring, etc. | 331 | -14 | 102 | -6 |
| 4. Research and development costs | Development of environmentally friendly products, research into alternatives for harmful substances | 338 | -304 | 84 | 12 |
| 5. Social activity costs | Tree planting, local community cleaning activities, donations, etc. | 2 | 1 | 6 | 3 |
| 6. Environmental remediation costs | Environmental impact assessments, cleanup of polluted soil, etc. | 1 | 0 | 4 | 4 |
| Total | | 1,797 | -621 | 1,268 | 307 |

Economic benefits associated with environmental conservation activities

(Unit: million yen)

| Details of benefits | Total benefit | |
|-----------------------------------|-------------------|----------------------|
| | Furukawa Electric | Affiliated companies |
| Revenue from recycling | 199 | 304 |
| Reduction in waste disposal costs | 18 | 18 |
| Reduction in energy costs | 1,499 | 607 |
| Reduction in water purchase costs | -15 | -7 |
| Total | 1,701 | 922 |

(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 <small>(note 1)</small> | tons | 115 | 93 | 376 |
| Energy consumption (crude oil equivalent) | 1,000KL | 126 | -7 | 13 |
| Water consumption | 1,000 tons | 18,384 | 749 | 114 |
| Emissions of volatile organic chemical compounds | tons | 172 | -20 | -2 |
| CO ₂ emissions | 1,000 tons-CO ₂ | 219 | -1 | 31 |
| SO _x emissions | tons | 46 | -19 | -0 |
| NO _x emissions | tons | 220 | -116 | 0 |
| Soot emissions | tons | 10 | -6 | -0 |

(note1) Excluding recycled wastes

(note) Minus figures indicate an increase

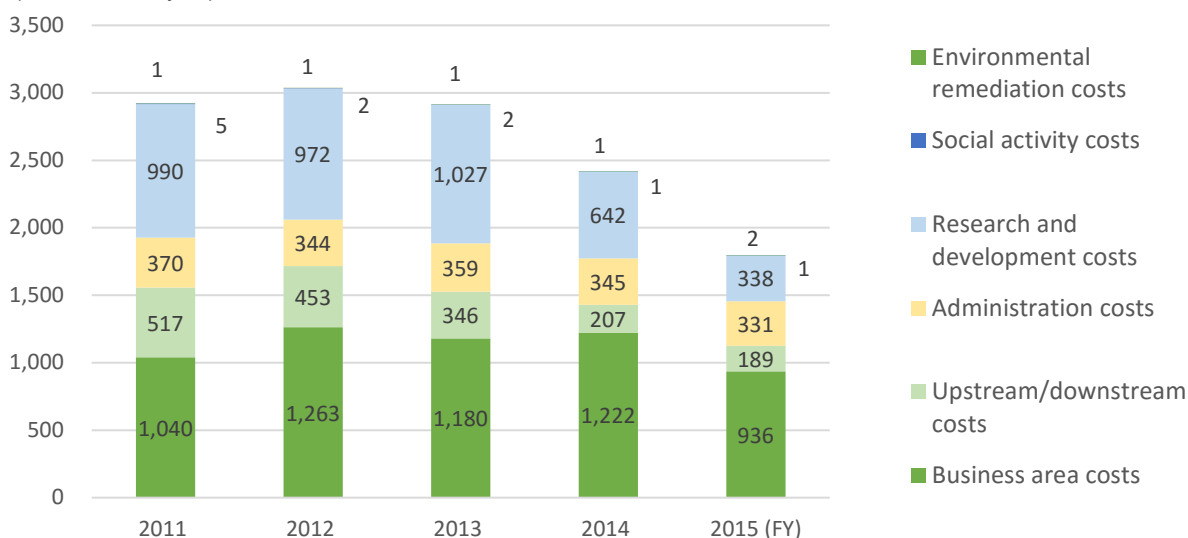
Investment and research costs

(Unit: million yen)

| Investment and research costs | Total costs | |
|--------------------------------|-------------------|----------------------|
| | Furukawa Electric | Affiliated companies |
| Environment-related investment | 304 | 669 |
| Total investment | 6,394 | 2,592 |
| Total research costs | 7,520 | 594 |

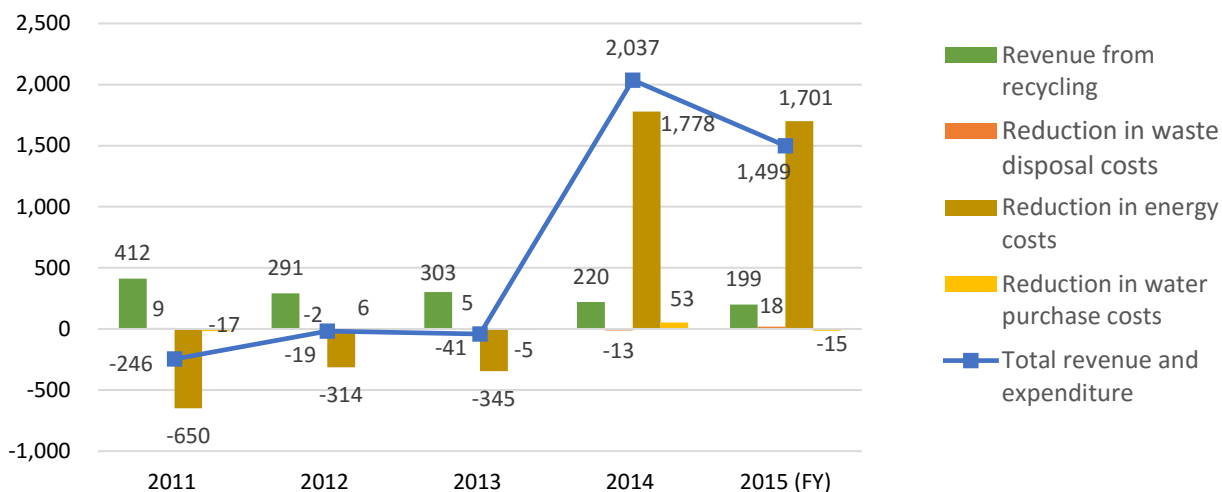
Environmental conservation costs (Furukawa Electric)

(Unit: million yen)



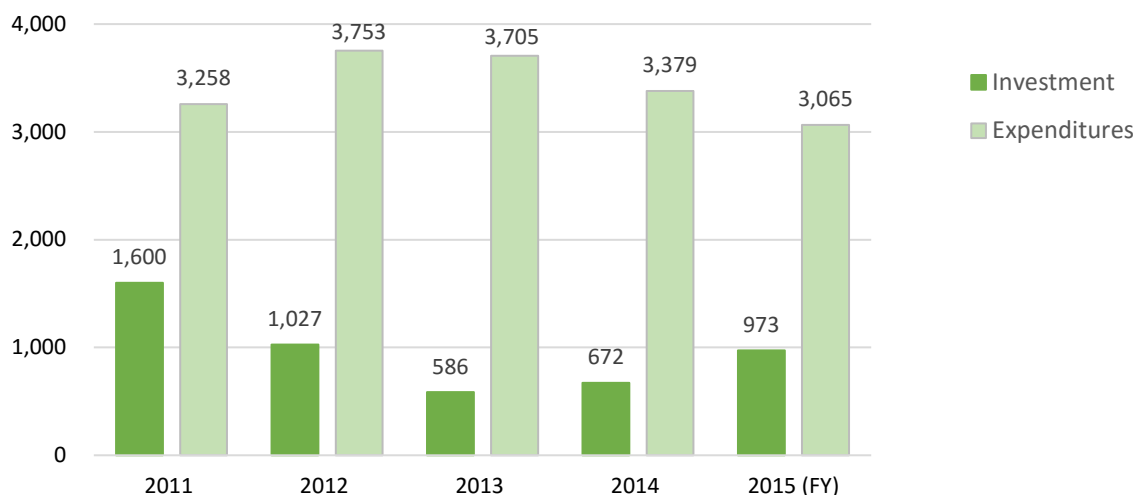
Economic benefits associated with environmental conservation activities (Furukawa Electric)

(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 | 3.9 | 0.0 | 0.4 | 3.4 |
| 31 | Antimony and its compounds | 2,709.1 | 40.2 | 9.3 | 2,659.5 |
| 53 | Ethylbenzene | 104.6 | 0.6 | 0.0 | 103.9 |
| 71 | Ferric chlorides | 39.8 | 0.0 | 24.0 | 15.8 |
| 75 | Cadmium and its compounds | 91.0 | 0.0 | 19.1 | 71.9 |
| 80 | Xylene | 116.6 | 2.2 | 0.7 | 113.7 |
| 82 | Silver and its water-soluble compounds | 10.6 | 0.0 | 0.8 | 9.8 |
| 86 | Cresol | 452.8 | 7.7 | 0.1 | 445.0 |
| 87 | Chromium and trivalent chromium compounds | 13.5 | 0.0 | 0.0 | 13.5 |
| 88 | Hexavalent chromium compounds | 5.6 | 0.0 | 4.4 | 1.2 |
| 132 | Cobalt and its compounds | 4.6 | 0.0 | 0.3 | 4.3 |
| 144 | Inorganic cyanide compounds (Excluding complex salt and cyanate) | 16.3 | 0.0 | 6.1 | 10.1 |
| 213 | N,N-dimethylacetamide | 552.0 | 14.2 | 0.0 | 537.8 |
| 232 | N,N-dimethylformamide | 53.8 | 1.5 | 0.0 | 52.3 |
| 239 | Organotin compound | 2.4 | 0.0 | 0.0 | 2.4 |
| 255 | Decabromodiphenyl ether | 302.0 | 0.1 | 0.5 | 301.3 |
| 272 | Copper salts (water-soluble) | 7,144.8 | 0.1 | 26.5 | 7,118.1 |
| 296 | 1,2,4-trimethylbenzene | 5.5 | 0.0 | 0.0 | 5.4 |
| 297 | 1,3,5-trimethylbenzene | 2.9 | 0.3 | 0.0 | 2.6 |
| 300 | Toluene | 181.8 | 91.7 | 22.9 | 67.2 |
| 305 | Lead compounds | 28,339.4 | 0.1 | 4.3 | 28,335.1 |
| 308 | Nickel | 509.3 | 0.0 | 2.4 | 506.8 |
| 309 | Nickel compounds | 100.2 | 0.0 | 16.0 | 84.1 |
| 332 | Arsenic and its inorganic compounds | 14.5 | 0.0 | 0.0 | 14.5 |
| 333 | Hydrazine | 2.8 | 0.0 | 0.0 | 2.8 |
| 349 | Phenol | 332.2 | 5.4 | 0.2 | 326.6 |
| 355 | Bis (2-ethylhexyl) phthalate | 81.7 | 0.0 | 0.2 | 81.6 |
| 374 | Hydrogen fluoride and its water-soluble compounds | 8.3 | 0.0 | 6.3 | 1.9 |
| 384 | N-propyl bromide | 1.9 | 1.9 | 0.0 | 0.0 |
| 392 | N-hexane | 1.2 | 0.7 | 0.0 | 0.5 |
| 405 | Boron and its compounds | 3.6 | 0.5 | 0.5 | 2.6 |
| 412 | Manganese and its compounds | 7.5 | 0.0 | 0.0 | 7.5 |
| 413 | Phthalic anhydride | 2.2 | 0.0 | 0.0 | 2.2 |
| 438 | Methylnaphthalene | 79.5 | 0.3 | 0.0 | 79.2 |
| 453 | Molybdenum and its compounds | 1.4 | 0.0 | 0.2 | 1.2 |
| Total | | 41299.1 | 167.9 | 145.5 | 40985.8 |

(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.