

Environmental accounting results (Japan)(fiscal 2009)

Scope: All establishments, including affiliates, in Japan Period: April 2009 to March 2010 Unit: ¥ 1,000

| Environmental conservation costs | Category | Major activities | Capital investment | | Costs | | |
|--|--|--|----------------------------|--|---------|---------------------------------|--|
| | | | FY2008 | FY2009 | FY2008 | FY2009 | |
| Environmental conservation costs | 1) Business area costs | | | | | | |
| | (1) Pollution prevention costs | Installation, repair, environmental assessment, and maintenance of pollution prevention facilities | 0 | 1,750 | 123,482 | 122,632 | |
| | (2) Global environmental conservation costs | Installation of energy-efficient equipment and facilities | 16,881 | 1,040 | 183,000 | 151,529 | |
| | (3) Resource circulation costs | Disposal and recycling of waste; construction of water supply facilities | 0 | 0 | 94,754 | 80,962 | |
| | 2) Upstream/downstream costs | Green procurement and purchasing; introduction and development of recycled packaging materials | 0 | 0 | 20,964 | 1,270 | |
| | 3) Administrative costs | Operation of Environmental Management System; management of the biotope; disclosure of environmental information | 8,013 | 0 | 292,137 | 273,017 | |
| | 4) R&D costs | R&D of environmentally friendly products and production technologies | 0 | 0 | 85,589 | 48,388 | |
| 5) Social activity costs | Tree-planting in the surrounding areas | 0 | 0 | 6,790 | 4,377 | | |
| 6) Environmental remediation costs | Environmental remediation; penalties or litigations concerning environmental conservation | 0 | 0 | 0 | 0 | | |
| | Total | | 24,894 | 2,790 | 806,716 | 682,175 | |
| Environmental conservation benefits | Category | Major activities | FY2008 | | FY2009 | | |
| | 1) Economic benefits | | Benefit amount | | | | |
| Environmental conservation benefits | (1) Energy cost savings | Installation of energy-efficient equipment and facilities; implementation of energy-saving measures | 72,712 | 67,530 | | | |
| | (2) Revenue from sale of recycled materials | Sale of recovered metals, etc. | 31,828 | 36,999 | | | |
| | (3) Packaging material cost savings | Introduction of reusable packaging materials and returnable containers | 5,661 | 8,147 | | | |
| | (4) Waste disposal cost savings due to reduced waste volumes | Reduction of wastewater disposal costs through the use of wastewater treatment facilities | 115,034 | 90,478 | | | |
| | (5) Publicity benefits from media coverage | Coverage by newspapers | 4,500 | 24,750 | | | |
| | | Total | | 229,735 | 227,904 | | |
| | 2) Physical benefits | | | Volume reduced/effectively used | | | |
| (1) Power consumption reduction | Installation of energy-efficient equipment and facilities | | 2,611(MWh) | 2,005(MWh) | | | |
| (2) Heavy oil consumption reduction | Installation of energy-efficient equipment and facilities | | 362(kl) | 362(kl) | | | |
| (3) City gas consumption reduction | Installation of energy-efficient equipment and facilities | | 307,000 (m ³) | 307,000 (m ³) | | | |
| (4) Energy consumption reduction | Installation of energy-efficient equipment and facilities | | 54,330,559 (MJ) | 47,947,320 (MJ) | | | |
| (5) CO2 emission reduction | Installation of energy-efficient equipment and facilities | | 2,784 (t-CO ₂) | 2,512 (t-CO ₂) | | | |
| (6) Effective utilization of resources | The total quantity of metals, office-use paper, waste plastics, and other resources recycled | | 511(t) | 691(t) | | | |
| (7) Effective utilization of waste | The percentage of waste recycled to the total volume of waste generated at sites | | 98 (%) | 99 (%) | | | |
| (8) Reduction of the quantity of purchased packaging materials | Introduction of reusable packaging materials and returnable containers | | 8 (t) | 2 (t) | | | |
| Customer benefits | | | | | | FY2009 No. of units sold | |
| | No. of units of green products sold | | | | | 244 | |