

Curbing Greenhouse Gas Emissions

Sharp is taking active measures to restrict greenhouse gas emissions resulting from its business activities. Through the introduction of cogeneration systems and energy-saving equipment, the installation of photovoltaic power systems, and the meticulous carrying out of energy-saving activities at plants and offices, Sharp is reducing CO₂ emissions. And by installing scrubbers and using replacement gases with less global warming potential, Sharp is also reducing greenhouse gas emissions such as PFCs.*¹

Objectives for Fiscal 2006	Achievements for Fiscal 2006	Objectives for Every Fiscal Year	Mid- to Long-Term Objectives
CO ₂ emissions per production unit* ² <ul style="list-style-type: none"> Domestic product sites: Reduce by 2% from previous fiscal year Domestic device sites: Reduce by 5% from previous fiscal year All overseas production sites: Reduce by 2% from previous fiscal year 	<ul style="list-style-type: none"> Reduced by approx. 12% from previous fiscal year Increased by approx. 1% from previous fiscal year Reduced by approx. 14% from previous fiscal year 	<ul style="list-style-type: none"> Reduce by 2% from previous fiscal year Reduce by 5% from previous fiscal year Reduce by 2% from previous fiscal year 	Fiscal 2010 objectives CO ₂ emissions per adjusted production unit* ³ <ul style="list-style-type: none"> All domestic production sites: Reduce by 28% compared to fiscal 1990

Domestic sites include only the business sites of Sharp Corporation. Overseas sites include Sharp subsidiaries and affiliated companies. To reasonably evaluate the effect of controlling greenhouse gas emissions, Sharp utilizes an index referred to as "per production unit."

*¹ A general term for perfluorocarbon gases such as CF₄ (carbon tetrafluoride), C₂F₆ (carbon hexafluoride) and the like, which are greenhouse gases.

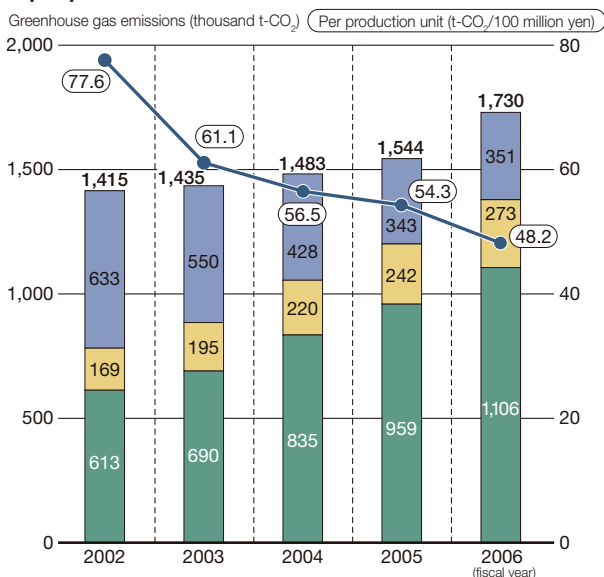
*² Per production unit (t-CO₂/100 million yen) = CO₂ emission (t-CO₂) ÷ production output (100 million yen)

*³ Per adjusted production unit (t-CO₂/100 million yen) = CO₂ emission (t-CO₂) ÷ (production output (100 million yen) ÷ domestic corporate price index (electrical equipment) determined by the Bank of Japan)

Sharp Group Activities

In fiscal 2006, the Sharp Group reduced its greenhouse gas emissions per production unit by 11% compared to the previous fiscal year. Activities to reduce overall emissions included the implementation of energy-saving measures, the recycling of PFC gas, and the installation of PFC scrubbers in Kameyama Plant No. 2 which started operation in August 2006. But with production volume increasing, the net result was a 12% total increase in greenhouse gases over the previous fiscal year. Sharp will continue to work to reduce emissions.

Sharp Group's greenhouse gas emissions per production unit



CO₂ emissions (Japan) CO₂ emissions (overseas) PFC emissions
 Emissions per production unit

Emissions per production unit is calculated from production-related emissions.

Controlling CO₂ Emissions at Domestic Production Sites

Sharp's company-wide efforts to save energy and improve production efficiency have produced results at domestic production sites. CO₂ emissions per production unit have been reduced by 3% over the previous fiscal year.

Product sites reduced their CO₂ emissions per production unit by 12%.

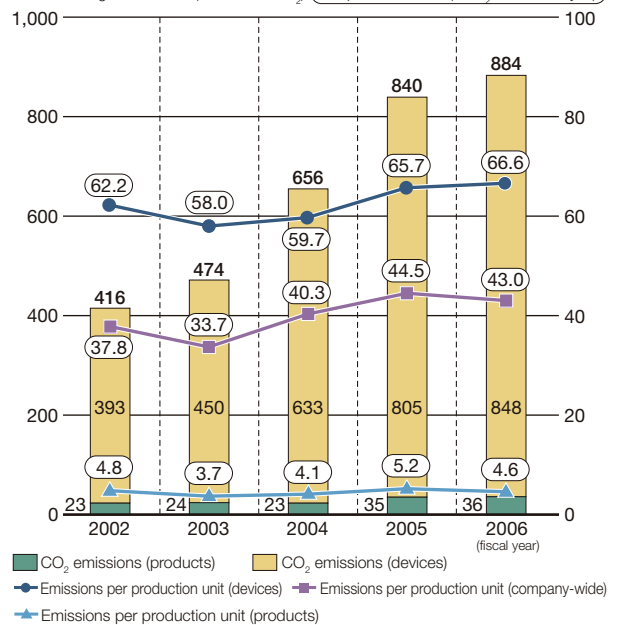
At device sites, Sharp managed to keep

CO₂ emissions per production unit to just a 1% rise, despite the large drop in LCD panel prices.

Sharp will continue working aggressively to reduce CO₂ emissions by introducing energy-saving equipment, fuel conversion systems, and photovoltaic power systems.

CO₂ emissions per production unit by business category for Sharp Corporation production sites in Japan

Greenhouse gas emissions (thousand t-CO₂) (Per production unit (t-CO₂/100 million yen))



Starting in fiscal 2005, these figures are the total of CO₂ emissions from all divisions of production sites, excluding basic research. Within the previously calculated range, fiscal 2005 CO₂ emissions were 745 (thousand t-CO₂) and emissions per production unit were 41.5 (t-CO₂/100 million yen).

CO₂ emissions per adjusted production unit for Sharp Corporation production sites in Japan

Fiscal year	1990	2005	2006
Emissions per adjusted production unit (t-CO ₂ /100 million yen)	32.2	22.1	21.6
Fiscal 1990 comparison	100	69	67

Information on website

<http://sharp-world.com/corporate/eco/report2007/> ● Reductions in greenhouse gases ● Data on greenhouse gases