

NTN's Goal of a Carbon-neutral Society

Environment-contributing product

Development of environment-contributing product

"We shall contribute to international society through creating new technologies and developing new products." Under this corporate philosophy, we are committed to environmentally-friendly manufacturing. We are especially focused on developing technologies that help to prevent global warming.

The components we manufacture, such as bearings and driveshafts, contribute to reducing environmental impact by improving the energy efficiency of vehicles and machinery. All of these are known as "environment-contributing products." Among them are products that are already widely used, as well as new products that achieve even better environmental performance as a result of our technologies.

NTN is also developing products that utilize renewable energy such as solar and wind power, helping to drive down CO₂ emissions.

We quantify the degree of environmental contribution of such products using our own standards. NTN will continue its pursuit of its corporate philosophy by developing and supplying higher-contributing products.

Evaluation of environment-contributing products

NTN compares and evaluates the environmental performance of current products using the performance levels of 1997 as a baseline. Environment-contributing products are classified into five grades from "S-eco" to "D-eco" according to their degree of environmental contribution, based on standards established for each product.

Classification	Grade	Definition
Environment-contributing product	● S-eco (Super eco)*	Products classified according to environmental factor standards specified for different products in line with global technology standards
	● A-eco (Advanced eco)	
	● B-eco (Brilliant eco)	
	● C-eco (Creative eco)	
	● D-eco (Diffused eco)	Products that help to reduce energy loss in finished products at the same performance level as that of around 1997

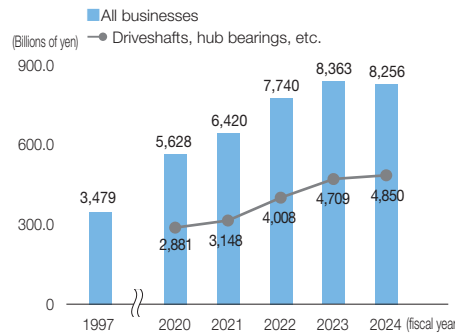
*Green energy products are S-eco grade

Achievements

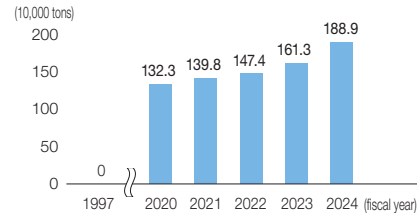
In fiscal year 2024, our flagship products including driveshafts (CVJs) and hub bearings, as well as green energy products, contributed to reducing approximately 1.89 million tons of CO₂. This demonstrates that the development of our environment-contributing products is achieving results.

Sales of products making a high environmental contribution in the S-eco to B-eco range grew to account for approximately 53.9% of total sales in FY2024.

Net sales



Contribution to CO₂ reduction*



Calculation Standard
Japan Auto Parts Industries Association (JAPIA) Life Cycle Inventory (LCI) calculation guideline (Consumer-use phase LCI calculation tool)
*Applicable to S to C-eco products

Trends in composition of environment-contributing products by grade (driveshafts, hub bearings, etc.)

