

ENVIRONMENT REPORT 2023



SUMIRUBBER VIETNAM, LTD.

COMPANY INFORMATION



Sumirubber Vietnam, Ltd
Address: Lot A-11, A-12, Hai Phong Japanese Industrial Park, Tan Tien, An Duong, Hai Phong.
Year of establishment: 2006
Type of production: Precision rubber parts for printers and copiers.



From 2022 SRV faces many difficulties and challenges. The economic situation after the Covid-19 epidemic grew slowly along with the contraction of the printer and copier market due to the strong development of 4.0 technology, so the production and business situation of SRV was also greatly affected.



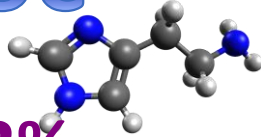



Products

The company's main product is precision rubber parts for printers and copiers. The company always makes constant efforts to bring customers the best products at the most competitive prices thanks to the activities of quality assurance, machine improvement, automation, cost reduction...



ENVIRONMENT TARGET 2023



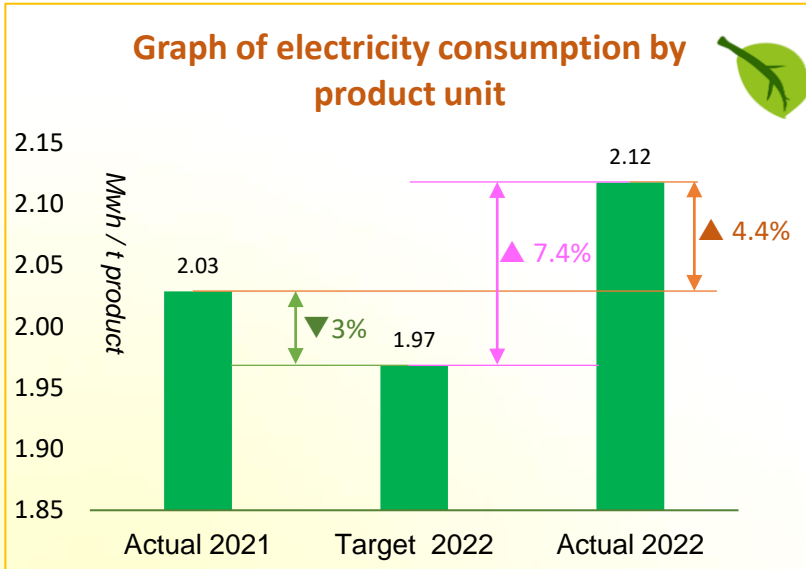
CO₂  ▼ 6%	Electric  ▼ 6%	VOC  ▼ 2%
Water  ▼ 2%	Waste  ▼ 2%	Problem Environment & chemicals  No accident

In 2023, SRV focuses on accelerating the goal of reducing CO₂ and reducing electricity consumption towards the goal of reducing carbon emissions by 50% by 2023 and zero by 2050.

TARGET AND ACTUAL 2022

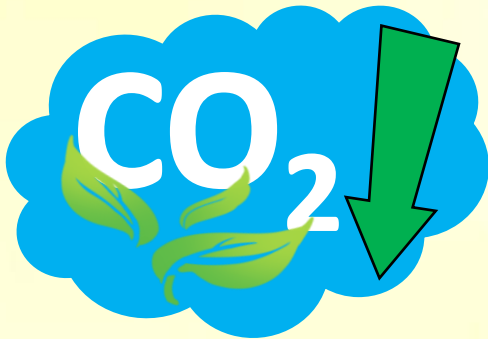
Electric reduction target 2022

▲ 4.4% vs 2021

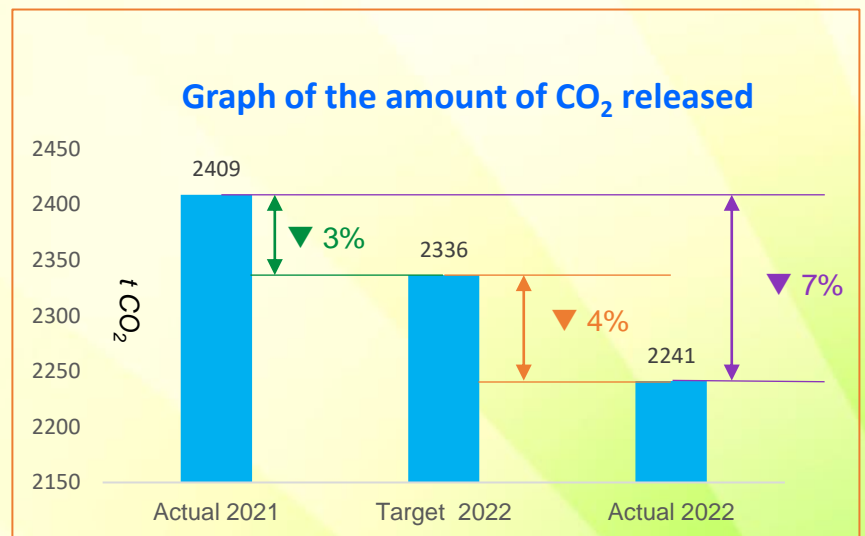


In 2022, the output decreased, the electricity used for the production department decreased, but the number of working days did not decrease, leading to an increase in auxiliary electricity such as lighting, air conditioning, and fans.

CO₂ reduction target 2022



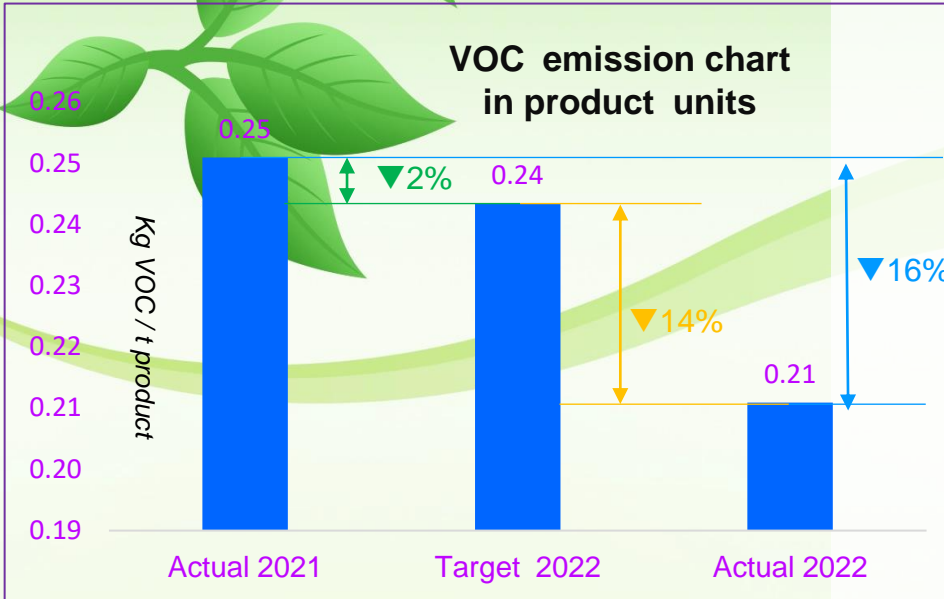
▼ 7% vs 2021



In order to achieve the goal of reducing CO₂ emissions, in addition to using electricity sensibly, SRV is making efforts to convert the energy (created from burning coal and fossil fuels) to clean energy sources such as solar energy. In addition, SRV also gradually replaces equipment that consumes a lot of power to equipment with modern technology, increasing efficiency and saving energy.

TARGET & ACTUAL 2022

VOC emission chart in product units



VOC* REDUCTION TARGET

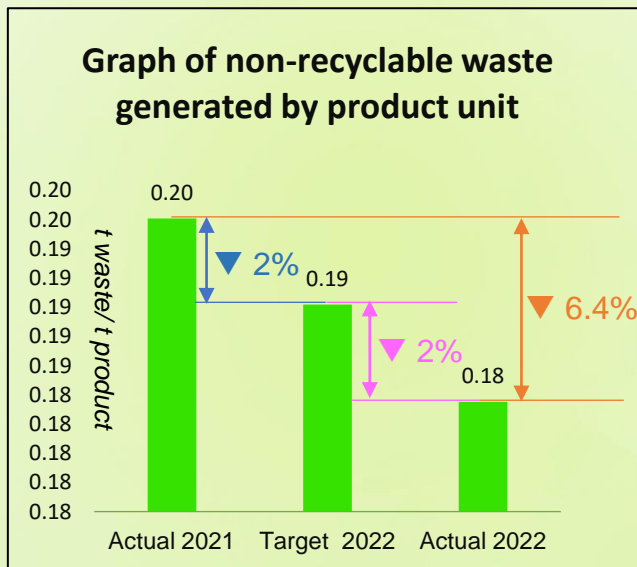
* VOC: stands for volatile organic compounds such as Toluene, Xylene, Ethyl benzene... and can have adverse effects on users' health.

▼ 16.0% vs 2021

In 2022, the company was able to return to using VOC-free adhesives after more than a year of difficulties in importing this glue from foreign suppliers. In addition, the company also cooperates with the Japanese factory to promote research and development of products that do not use adhesives to reduce VOC emissions into the environment.

TARGET REDUCE WASTE

Graph of non-recyclable waste generated by product unit

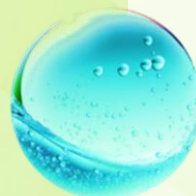
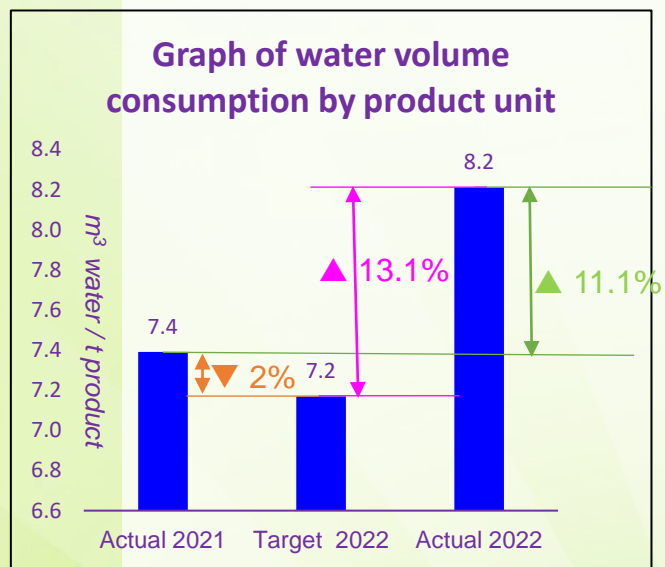


▼ 6.4% vs 2021

The reduction in production leads to a decrease in the non-recyclable waste generated

TARGET REDUCE WATER

Graph of water volume consumption by product unit



▲ 11.1% vs 2021

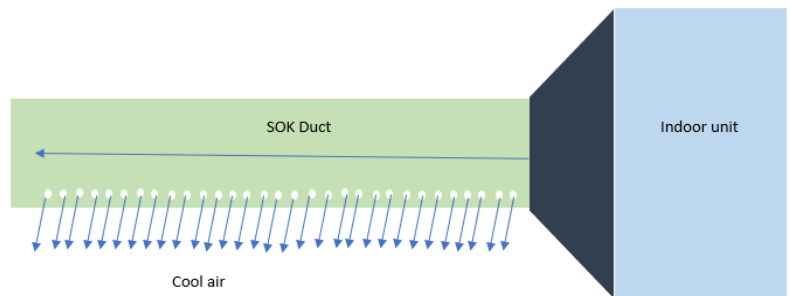
In 2022, SRV had some water leakage incidents due to damaged water pipes after a long time of use. The amount of water used for domestic purposes also increased, leading to the failure to achieve the target of water reduction.

ENVIRONMENTAL IMPROVEMENT 2022

INSTALL NEW AIR CONDITIONER

At the end of 2022, SRV installed a new air conditioner in the Feed processing area. The new air conditioner with a capacity of 6.8 kwh can replace the two old air conditioners with a total capacity of 8.1 kwh. Thus, the replacement of air conditioners, in addition to ensuring a working environment for workers, will also contribute to reducing power consumption and reducing CO₂ emissions into the environment. With the new type of air conditioner, cold air will blow in the fabric duct and be evenly distributed to the work areas through small air holes on the pipe.

Annually, the company will gradually replace old air conditioners with poor cooling performance but consume a lot of power into new, energy-saving, using a new type of environmentally friendly refrigerant.



Wattage : 96,000BTU

Location: Feed grinding area 1st floor of workshop 2

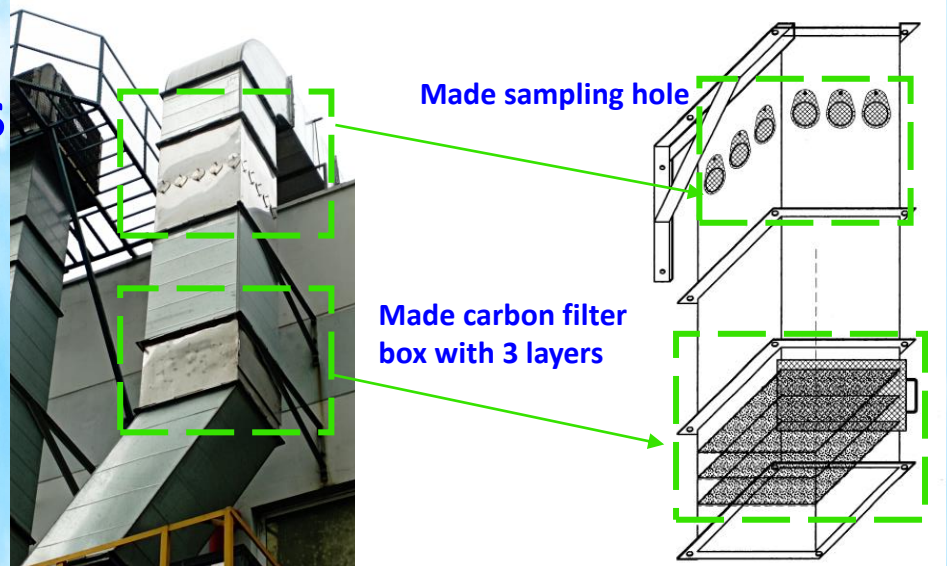


REDUCE THE NUMBER OF EXHAUST GAS DISCHARGE POINT

Position		Number of discharge point	
		Before improvement	After improvement
Phase 1	TR ovens	1	1
	TR coating machine	1	
Phase 2	Feed ovens	4	1
	Press room	2	2
	QA swelling area	1	1
Phase 3	GE ovens	1	1
	GE coating area + GE coating machine	2	
	Press room	2	2
	DC extruder	1	1
Total number of discharge emission points		15	9

Realizing that some emission points are located close to each other and have similar emission characteristics, SRV has combined emission points from 15 points to 9 points to reduce environmental monitoring costs (▼1300USD/year) and reduce system maintenance and repair costs.

Improvements exhaust emission treatment system



SRV has renovated the carbon filter cartridge and renewed the sampling pit in some exhaust gas treatment systems to increase the efficiency of odor and organic vapor treatment.

AUDIT ENVIRONMENTAL MANAGEMENT SYSTEM



Current issue date: 5 December 2022
Expiry date: 4 December 2025
Certificate identity number: 10491576

Original approval: ISO 14001-5 December 2007

Certificate of Approval

This is to certify that the Management System of:

Sumitomo Rubber Group

Sumrubber Vietnam, Ltd.
Land Plot A-11, A-12, Nomura-Haiphong Industrial Zone, An Duong District, Haiphong City, Vietnam

has been approved by LRQA to the following standards:

ISO 14001:2015
JIS Q 14001:2015

Approval number(s): ISO 14001 – 0077120-022

This certificate forms part of the approval identified by approval number: 0077120

The scope of this approval is applicable to:
Manufacture and processing of precision rubber parts for OA facilities.

Yasushi Horikawa

Japan Operations Manager
Issued by: LRQA Limited



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AUDIT ISO 14001:2015

In 2022, SRV carried out a re-certification assessment of the environmental management system according to ISO14001:2015 in September 2022.

Japan LRQA Certification Organization
Certificate number: 10491576

Valid period: from December 5, 2022 to December 4, 2025



SRV's ISO 14001:2015 certificate

INTERNAL AUDIT 2022

In order to ensure that the company's environmental management system is always maintained according to ISO14001:2015 standard, in July every year the company conducts an internal environmental assessment by trained and certified auditors. only by training institutions.

