




# Environmental Report 2022



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# 2022 Environmental Performance Report

## Company Introduction

<b>Company</b>	<b>DUNLOP SRIXON SPORT MANUFACTURING (THAILAND) CO., LTD. (DSSMT)</b>
<b>Location</b>	<b>Kabinburi Industrial Zone, location in eastern Thailand (190 kilometers away from Bangkok)</b>
<b>Business Commencement Date</b>	<b>December 21, 2007</b>
<b>Area</b>	<b>36,800 square meters</b>
<b>Number of employee</b>	<b>In 2021 ~ 334 persons</b>

### Business Operation

Manufacturing of tennis balls under the customer-defined conditions, requirements, as well as customer needs. Most of DSSMT products are certified by ITF (The International Tennis Federation).

### Certification



**ISO 9001 : 2015**  
**Certificate No : TQ-073**  
**23 January 2024**



**ISO 14001 : 2015**  
**Certificate No :**  
**10214330**  
**4 December 2022**



## Environmental Message



**Satoshi Tanaka**  
**Managing Director**

Dunlop Srixon Sports Manufacturing has been producing tennis balls for over 15 years now.

We feel that there is a great deal more interest in environmental issues today than when we first started operations. We must respond to these environmental issues. We must leave a clean environment for our children and grandchildren.

This is a very important issue for us as well as for our daily production activities. We will continue to strive to provide you with high quality tennis balls that are environmentally friendly.

Nowadays, environmental issues are expanded in the world. Environmental issues occur a serious impact to the earth.

Especially, Global warming is focused on all over the world. What can we help for this issue? We are consuming a lot of energy for making Tennis ball. It occur a lot of CO2 emission at the same time.

Now we focus on a Carbon neutral target. We will keep reducing energy consumption against Global warming.



**Yusuke Tanigawa**  
**Technical Advisor,**  
**Purchasing and IT Manager**

## Environmental Message



**Don Prapipek**  
**General Manager**

Our world is currently experiencing global warming, unusual and unpredictable weather conditions; cold days in hot season, non-seasonal rains, floods and droughts. The climate change has become a global concern to be solved.

One of the significant causes is the huge amount of carbon dioxide emitted from fossil-fuel use. To solve this critical matter, we should promptly start using renewable energy resources in order to reduce the fuel consumption, resulting in carbon dioxide emission decreased, and most importantly the environmental conservation and preservation improved.

Hello everyone!

This year is the year we still have to take care of ourselves to be away from COVID-19, even though the current situation is getting better. Besides COVID-19 pandemic, the higher fuel price has aggravated the economic crisis. Hopefully we will get through these crises safe and sound soon.

Anyway, the encouragement to help take care of our environmental resources is still important. We should keep on conserving and preserving the natural resources for future generations so that the fertile forest, clean and fresh water and air will last long for future generations.



**Porntip Siriban**  
**General Manager**

## Environmental Message



**Kruawan Kallayasiri**

**PE&QA and R&D Senior Manager**

Today, environmental problems are becoming more serious worldwide.

Therefore, DSSMT is committed to reducing and minimizing the environmental impact caused by our processes of tennis balls manufacturing. To do so, the most cost-effective practices have been implemented, for instance, promoting the energy saving activities, and increasing the amount of recycled materials used in tennis ball manufacturing processes.

As all human beings are involved in destructive consumption of natural resources and environmental degradation, it's our responsibility to conserve and preserve it. Natural resources conservation can be done easily and promptly through the very simple ways, such as saving (effective use of water and electricity), reuse (of plastic bags and packaging), repairing damaged/broken items to restore or recover their good and functional condition, etc.



**Surin Meekham**  
**Engineering Manager**



## Environmental Message



**Supattra Kaewsombat**  
**Production Manager**

Everyone can save the environment by necessary use and reducing destruction by using environmentally friendly products.

Environment is everything that surrounds us, and everything is related to each other. As our company is a tennis ball factory, we pay attention to the most effective use of environmentally friendly raw materials and implement the productive controls of energy consumption for maximum benefit. This is to guarantee our best products meeting the customer needs. Supportively, a complete environmental management system has been established to ensure the least environmental impact.



**Panthita Pimmadakul**  
**SE and HR/Admin Manager**

# Company Policy

## 1. Soar into challenges. A new concept that meets the customer needs.

- Think and do it yourself. At the same time, actively and encouragingly help and support your colleagues.
- Explore challenges with new creative ideas to enhance the production stability.

## 2. Strive to achieve the goal with the unity, through mutual coordination thoroughly.

- Improve the quality of internal communication throughout the company.
- Set KPIs, follow up the progress, and apply PDCA yourself.

## 3. Commit to elevating the personnel, The growth of individuals = The growth of a company.

- Proposing the reduction of environmental impact as required in line with current era.
- Reliability and consistency - Focus on cultivating the awareness of regulatory compliance and internal controls.

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**Satoshi Tanaka**

Managing Director

January 1, 2022



## Safety and Occupational Health, Environment, Quality Policies

Dunlop Srixon Sport Manufacturing (Thailand) Co.,Ltd. As manufacturer of high quality and excellent service Tennis Balls incorporates important the risks, both internal and external. Related to quality, service, environment, occupational, health, safety and working conditions of our workers to attain high level of customer's satisfaction and working standards of our company.


In serve these objectives, our company has undertaken to implement the following :

1. Timely Delivery to meet customer's satisfaction.
2. Reduction and prevention of possible risks of accidents upcoming with employee, contractor, sub-contractor, visitor and company.
3. Abide strictly to rules and regulations relating to environment, occupational health and safety issues.
4. Commitment to the identification and evaluation of environment aspect and impact still focuses on activities, production process, product and company service related environment. And resources can be used to achieve maximum benefit. To continuously improve operations even further.
5. Commitment to the safety and Occupational activities for prevention and reduce of injuries and health for all employees.
6. Commitment to the environment activities for protection and prevention of pollution.
7. Active participation and involvement with environmentalists by sharing company's environmental policies.
8. Commitment to build safety working place and be fit to work, to protect the injured and illness.
9. Commitment to suggestion to and support employees participate opinion.
10. Commitment to continual improvement and sustainable of environment, occupational, health and safety activities.



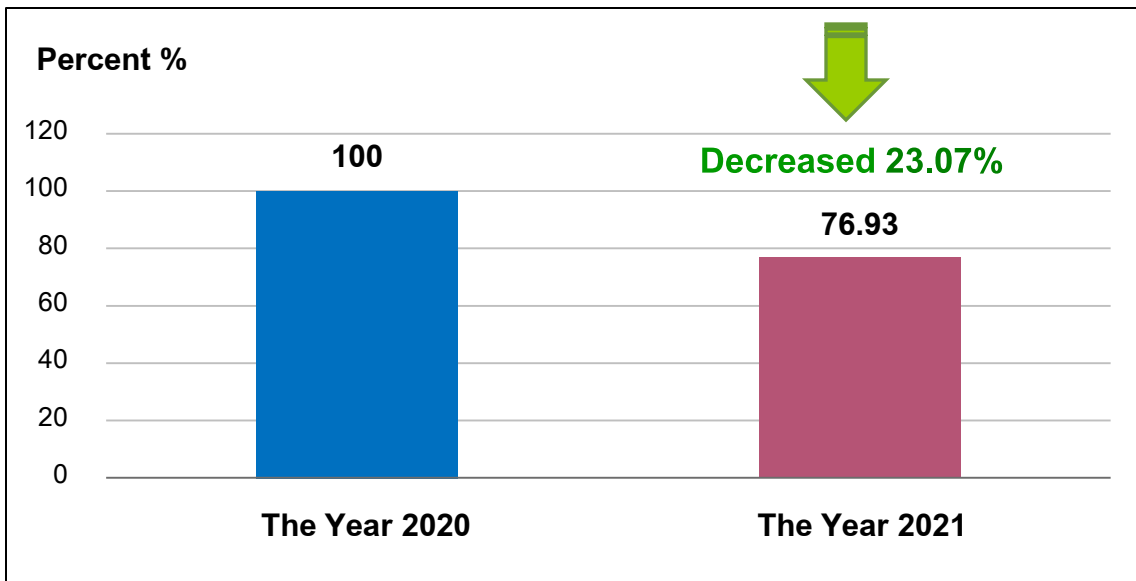
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**Satoshi Tanaka**  
Managing Director



## Energy Consumption during 2020 -2021

In 2021, the ratio of energy consumption per output unit decreased by 23.07% compared to 2020.



With the collaboration between the management and all employees, the various energy conservation projects have been created, covering the electrical energy conservation; heat energy conservation and the environmental protection and preservation.

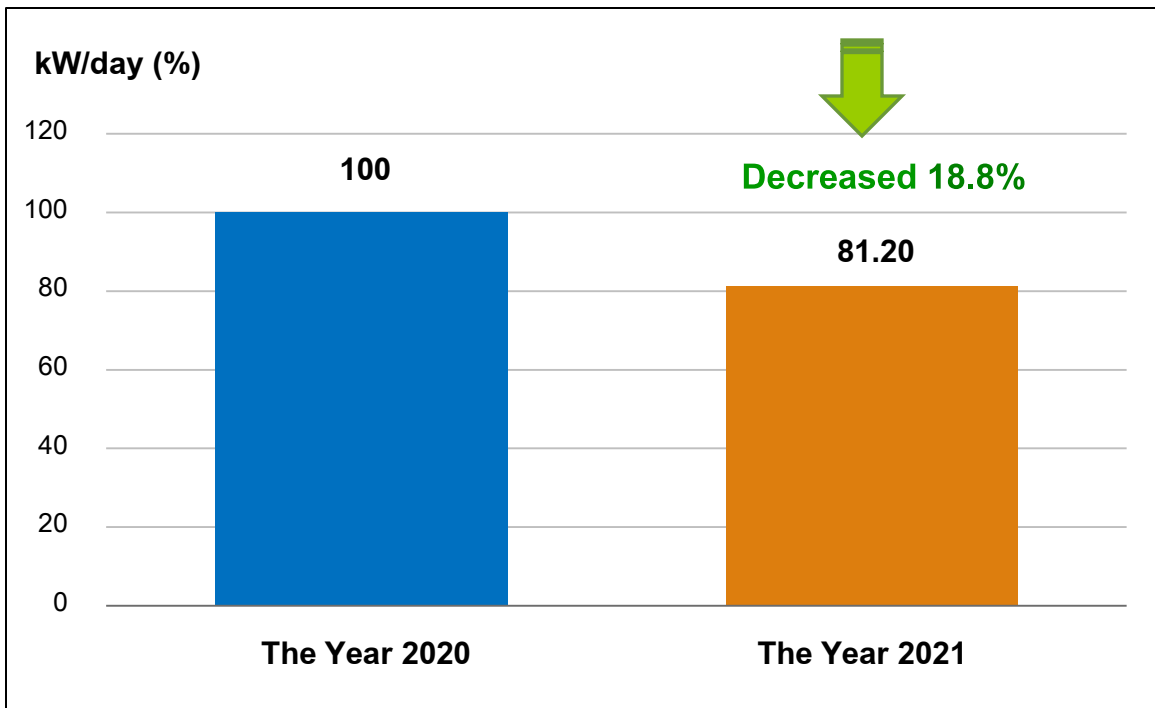
In 2021, there were two environmental projects conducted: an energy conservation project and a waste reduction project (adhesive recycling).

## Guidelines for reducing the Electrical Energy consumption.

From the concept of "**Reducing the unnecessary losses**", the energy-saving activities have been created as follows:

### 1.) Stop using air conditioners, in the adhesive applying room

Initially air conditioners had been used in the adhesive applying room. To reduce the electricity consumption, air conditioners were replaced by 4 electric fans. When comparing the energy consumption cost before and after this replacement, we found that it was decreased by 18.8%.

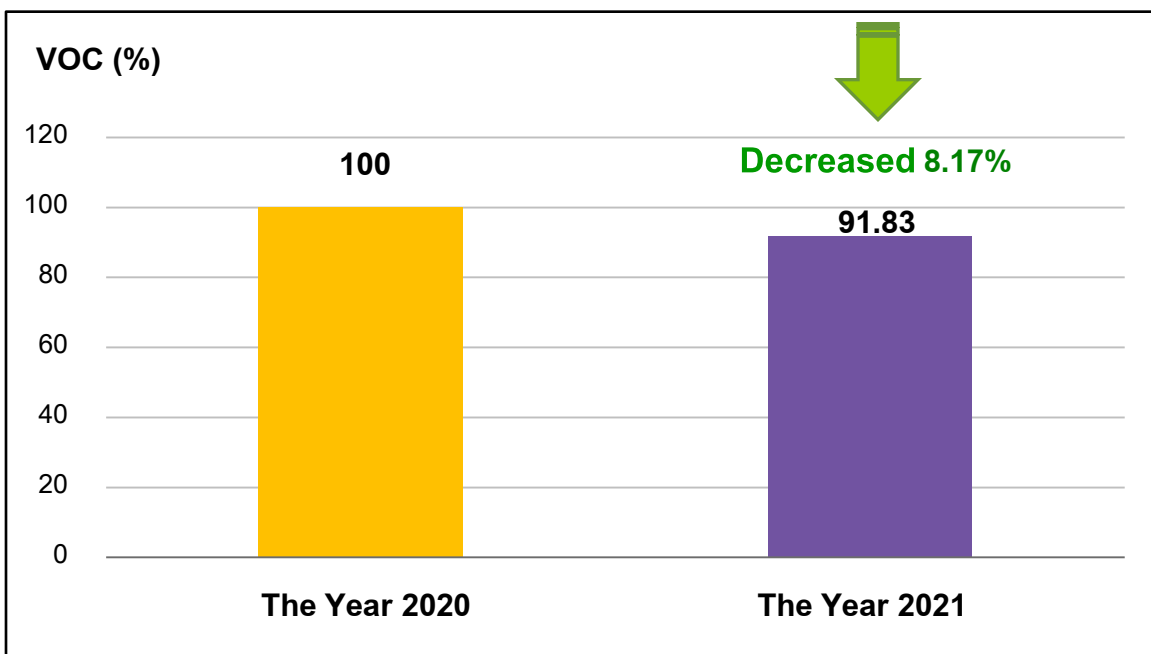
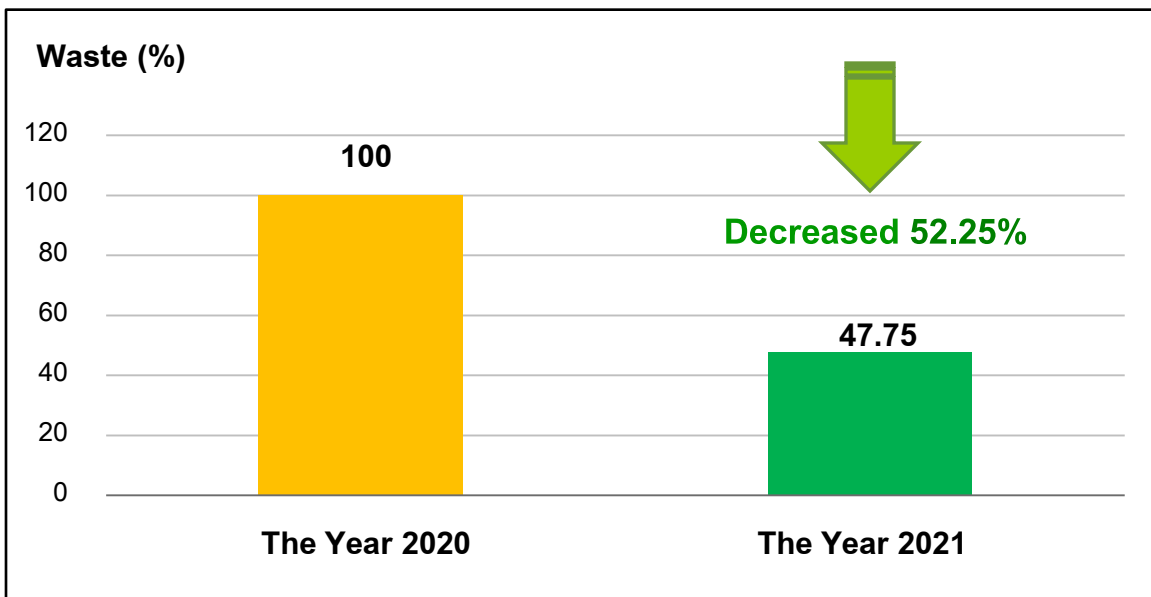




## Guidelines for reducing the Waste.

### Recycling of Adhesive

In June 2021, significantly we have started recycling of adhesive. When comparing the amount of adhesive waste during the period of June to December in 2020 and 2021, it was found that the amount of adhesive waste could be reduced by 52.25 %. Moreover, the amount of VOC consumption was reduced by 8.17% as well.



# Environmental and Safety Activities

## Emergency Drills



Chemical spill response and clean up training.



Basic fire fighting training and annual fire evacuation drill, attended by 100% of company employees (both day and night shifts).



# Environmental and Safety Activities

Activity of Zero accident requiring time off has been effective for 4,000 consecutive days.



Planting trees around the smoking area (pavilion).



Gave the staff jackets and provided special meals.



# Corporate Social Responsibility (CSR)



Donated N95 masks and coverall PPE suits to support medical personnel at Nong Ki Tambon Health Promoting Hospital.



Donated money to Nong Ki Municipality Office to support the construction of Community Isolation Center during the Covid-19 pandemic and donated money to Nong Ki Tambon Health Promoting Hospital to support the construction of toilets.

## Energy Conservation in the Employee Perspective



When considering the current environmental conditions and situations, one of the most globally serious environmental problems is the depletion of natural resources and deterioration of environment. This causes the rising cost of materials, resulting in much higher price of products and living difficulties unavoidably. As we all are one of the resources users, what we should do to conserve and preserve those limited natural resources is to use natural resources economically and effectively, so that they will exist as long as possible with the maximum benefits.



Energy conservation activity is an activity that makes employees aware of the cost-effective use of resources throughout the company. Some common conservation activities are turning off the water and lights whenever they are not needed, and turning off the computer monitor while it's not being used. Even these small things can help the company save money and cut costs, more or less.



Energy conservation implemented in our factory can help us save electrical and heat energy. Accordingly, we can reduce costs and expenses occurred in the factory. In addition, there was also a slogan writing contest among employees. The winners were awarded.





**DUNLOP SRIXON SPORTS MANUFACTURING(THAILAND) CO.,LTD.**

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