

CSR Report

2022

TRR Sugar Group



2022 CSR Performance Report

Thai Roong Ruang Sugar Group operates by adhering to create share valued between the company and the society for sustainable quality of life in economic, social and environmental aspect. These are relevant to the United Nations Sustainable Development Goals (SDGs) topic 3,8,9,12, and 13.



Community Projects

Community Product Project

Thai Rung Ruang Sugar Group supported the occupation of Ban Nong Lad Noi indigo dyeing weaving local women's group from Sakon Nakhon province by ordering natural napkin indigo-dyed cotton from the group to include in our new year gift sets for year 2023.



Mobile Dental Clinic Project

Baanrai Sugar Factory in conjunction with the Medical and Dental Mobile Unit Foundation and the Northern Rotary Club arranged Mobile Dental Clinic Project at Baan Rai District, Uthai Thani to provide Prosthetic dentistry removable dentures and general dental services such as fillings, tooth extraction, scaling, as well as general health check-ups free of charge for more than 300 people in Baan Rai District.



○ Educational Project ○

Phitsanulok Sugar Factory awarded scholarships to less privileged students at 33 schools.

- 1.Noenkumwittaya School
- 2.ChumChon 3 Bannernkum School
- 3.Rat Ratbumrung School
- 4.Wattayom School
- 5.Bantayang School
- 6.Bannongsapang School
- 7.Ban Nong Klod School
- 8.Wat Laem Phrathat School
- 9.Ban Nong Tham School
- 10.Bangkrathumpithayakom School
- 11.Wat Bang Krathum School
- 12.Wat Sanam Khli Tawan Tok
- 13.Wat Sanam Khli Tawan Ok School
- 14.Wat Tha Makham School
- 15.Kampangdin Pittayakom School
- 16.Wat Thana School
- 17.Ban Yang Poan School
- 18.Wat Siri Suttawas school
- 19.Wat Rat Samosorn School
- 20.Wat Bueng Lam School
- 21.Ban Wang Sarn School
- 22.Pracha Samakkhi School
- 23.Ratdumri school
- 24.Watkhoksalud School
- 25.Rardcharoen School
- 26.Tha Tan Pracha Sarit Community 12 School
- 27.Wat Dong Mi School (Thammarot Up-patham)
- 28.Prachasan Wittaya School
- 29.Wat Krungsreecharoen School
- 30.Banbuyai School
- 31.Suksalai school
- 32.Ban Thung Noi School
- 33.Phitsanulok Technical College



Thai Roong Ruang Sugar Factory (Sakon Nakhon) offered scholarships to less privileged students at 11 schools.

1. Ban Nonglad Ratutidwittayakom School

2. Ban Na School (Guru Rat Uthit Wittayon)

3. Ban Umchan School

4. Ban Tamuang School

6. Kaeng Kham Pracha Samakkhi School

7. Bannakoy School

8. Ban Nonkung School

9. Bannongbuasangwittayakan

10. Ban Khok Sa-at School

11. Bansamakkee.



Cholburi Sugar & Trading offered scholarships to less privileged students at 4 schools.

1. Banpayub School

2. Banhangsung School

3. Ban Khao Phai School

4. Bannongphaikaw School



Thai Rung Ruang Sugar Group recognizes the importance of comprehensive agricultural system that covers the way of life for farmers, production process, farm management, harvest to achieve economic, social, and environmental balance.

Bonsucro Project, Standards for Sustainable Cane and Sugar Production

The Bonsucro project has been established as a guideline for farmers to manage their sugarcane fields sustainably in more than 45,000 hectares. Four out of six factories under Thai Rung Ruang Sugar Group, Thai Rung Ruang Sugar Factory (Phetchabun) Thai Rung Ruang Sugar Factory (Sakon Nakhon) Baan Rai Sugar Factory and Phitsanulok Sugar Factory, have been awarded with BONSUCRO certificate, world-class cane and sugar production standards.





The Bonsucro standard considers 5 key pillars: Cane and sugar production must comply with the law, respect labor rights and occupational safety and health standards, manage input production, and processing efficiencies to enhance sustainability, actively manage biodiversity and ecosystem services and continuously improve other areas of the business. The farmers will receive various knowledge supports, such as first aid training, safety chemical usages, and data collection on farming for sustainable management of sugarcane farms.





Earwigs Cultivation Project

Release Earwigs in sugarcane fields is a biological method (Biological Control) by bringing living organisms to control pests of sugarcane. This helps avoid the use of chemicals for eliminating insect pests because earwigs will be biting and eating small larvae eggs.





Earwigs are usually naturally present but burning sugarcane causes the number of earwigs to decrease. Thai Rung Ruang Sugar Factory (Phetchabun) has established a project for rearing earwigs and then release back to the sugarcane fields to use them as an aid to control sugar cane pests such as sugarcane borer.



750,000 earwigs/year will be released into sugarcane cultivation area to control sugarcane pests.

For corp 2022/2023 Thai Rung Ruang Sugar Group
target to purchase a total of **87,000** tones of sugarcane leaves.

In order to help reduce greenhouse gas emissions

10,182 tonCO₂e



Promote cutting fresh canes, reduce burning canes to reduce particular matter (PM)

Thai Roong Ruang Sugar Group aims to promote sustainable farming, in order to reduce the negative impact on the environment and people's health. We have executed campaigns to help reduce cane burning and increasing the value of the sugarcane leaves by using it as a clean fuel for biomass power plant.



Reduce sugarcane burning campaign

Thai Roong Ruang Sugar Factory (Sakhon Nakhon) organized activity to promote fresh cane cutting by providing knowledge to farmers on the benefits of cutting fresh canes. Other than receiving higher price for fresh canes, they can also use the remaining sugarcane leaves to help moisten the soil.



Dr.Nuttapol Asadathorn, Managing Director of Baanrai Sugar Industry Co., Ltd. together with Mr.Teerapat Katchamat, Governor of Uthai Thani, along with related government agencies organized activity to promote fresh cane cutting. Further, the factory offered to purchase fresh cane leaves for 1,000 baht per tonne to use as a clean fuel for biomass power plant.





For crop 2022/2023, Thai Roong Ruang Sugar Factory (Phetchabun), Baanrai Sugar Factory and Phitsanulok Sugar Factory worked together to promote fresh cane cutting by aiming to purchase fresh 87,000 tonnes of fresh cane leaves.



Environmental Project

Providing Environment Knowledge Campaign

Phitsanulok Sugar Factory organized activity to create environmental awareness. The objective of this campaign was for participants to utilize this knowledge on their daily basis.

In 2022, there were total of 360 students from the following schools;

- 1.Thamakham
- 2.Watratsamosorn





Release fish to Un River Project

Thai Roong Ruang Sugar Factory (Sakon Nakhon) together with community leaders and member released a total of 7,500 Thai Carp and Rohu fishes at Tha Nam Oon, Wat Siri Boonrangsi Nakhon Phanom Province, Nong Wai, Ban Nong Lad and Nong Kha, Ban Sanam Bin, Sakon Nakhon Province.

Waste Reduction Campaign (banana peels/rice straws/water hyacinth)

Phitsanulok Sugar Factory organized this activity to reduce waste by compressing the banana peels, rice straws, and water hyacinth to use as a clean fuel for biomass power plant.





Tree Planting Activity

Aim to enhance surrounding environment, absorbing carbon dioxide and providing food source for the local community. Further, locals can have better living by selling natural resources.



Thai Rung Ruang Sugar Factory (Phetchabun) distributed 3,000 seedlings to farmer to promote green area.



Thai Roong Ruang Sugar Factory (Sakon Nakhon) together with Administrative Organization of Um Chan and 200 people in the community participated in tree planting activity to honor His Majesty the King.



Thai Roong Ruang Sugar Factory (Sakon Nakhon) together with Provincial Office of Natural Resources and Environment Sakon Nakhon, Kham Ta Kla District Office and 200 people in the community participated in reforestation activities for community's sustainable green area at Nong Sam Ka park.

Local Water Management

In continuation from the campaign in 1996, Thai Roong Ruang Sugar Factory (Phetchabun) together with Hydro-Informatics Institute organized activity to promote water management in Sub Somboon Subdistrict

Wichian Buri District, Phetchabun Province. Their expertise in science coupled with water data enabled them to plan and manage water for whole year usage.



Subsomboon Subdistrict is located outside the irrigation area, mainly using rain water and water from the creek, and is an upstream area. Besides, a main canal named Klong Sakae flows from Ban Pang Chang, Sap Noi Subdistrict, to Phu Toei Subdistrict, Wichian Buri District and Subsomboon Subdistrict. There is a subcanal that connects to the Sakae Canal. Most people in the community are engaged in agriculture. However, the canal is shallow and unable to store water during the dry season. In the rainy season, the water will run off and flood a wide area of agricultural land as it cannot flow into the public canal to store to alleviate the problem of drought and flooding. The community also needs to reserve water for consumption and agriculture so that the community is necessary to develop and restore water resources and alleviate the people's suffering concretely and sustainably. Therefore, the project was implemented in 2022 to improve and restore the water source.



In 2022, they built 3 weirs including;

- 2 weirs in Moo 4 Ban Kao Kad
- 1 weirs in Moo 10 Ban Sang Manee.

These three weirs help supply an incremental of 44,685 cubic meters, directly benefiting 13,526 rai and 1,834 households in Moo 4, Moo 6, and Moo 10 area.



Thai Roong Ruang Sugar Group is committed to creating a share valued between the company and the society for sustainable quality of life in economic, social, and environmental aspect.



Thai Roong Ruang Sugar Group
238 Naradhiwas Rajanagarindra Road, Chong Nonsi,
Yannawa, Bangkok. 10120
Tel : 0 2294 5588
Website : www.trrgroup.com

