

Thaioil CE School Model

Objectives:

To raise awareness and share knowledge with communities and society on the importance of the Circular Economy (CE) and relevant topics.

Priority Area:

Environment



Background: Thaioil CE School Model is a project under the CE concept in the society by utilizing knowledge to develop a sustainable waste management model. The project has been expanded to cover schools surrounding the refinery and has allowed employees to be involved in the development of the project.

Approach:

1. Establish a volunteering working team to implement the project.
2. Organize activities to provide knowledge on waste management for students to raise awareness in upstream waste segregation and income generation.
3. Implement waste management practices within schools.
4. Monitor and evaluate project results at the schools.

2023 Performance: The Company organized activities to provide knowledge and raise awareness of waste management and circular economy management for youth in the operational area. The activity provided systematic waste management knowledge to students in six elementary and lower secondary schools, namely Wat Ban Na (Fin Witthayakom) School, Ban Chak Yai Jin School, Wat Mai Noen Phayom School, Wat Manorom School, Wat Laemchabang School, and Laem Chabang Municipality Child Development Center in Si Racha District, Chonburi Province. The waste management activities were conducted through four learning practices, including waste segregation, composting from food scraps, recycling used vegetable oil, and converting waste into income. From 2022 to 2023, the six schools joined in this project have collected a total of 6,781.2 kg of recycled waste, or equal to reducing greenhouse gas emissions by 15,360 kg of carbon dioxide equivalent. In addition, the Company regularly monitors the progress and takes the knowledge of this project to further develop other related activities.

