
Peerapat Technology Sustainable Development

November 7, 2022

PP Green Team



**No.1 เรื่อง
ความสะอาด**

 Cleaning technology for
a **greener** tomorrow™

PEERAPAT

The advertisement features a vibrant cityscape with modern buildings and lush greenery. Several circular icons containing the Peerapat logo are scattered across the scene, connected by glowing blue lines, suggesting a network or smart city technology. The overall aesthetic is clean and modern, emphasizing sustainability and urban development.

Agenda

01 Introduction

02 Results from last year

03 Goals

04 Closing

01 Introduction

We conduct the business focusing on becoming the leader in innovative cleaning technology into the cleaning and sanitation industry in Thailand. We also conduct research and development of high quality cleaners and disinfectants along with state-of-the-art machinery and equipment for performing the commercial marketing with industrial customers (Business-to-Business: B2B) and household customers (Business-to-Customer: B2C), together with offering good and comprehensive services to customers as well as providing distribution channels covering the whole country.



C L E A N I N G
H Y G I E N E
S O L U T I O N S *TRUST IN Peerapat*



Being a Chemical Manufacturing and Distributing Company, it is not easy to suddenly change to absolute Green and Sustainable Company. However, Peerapat Technology has been moving forward in sustainable developments and in becoming Green Solution provider in Cleaning Hygiene according to its Vision, committed to driving business and society to grow together in a sustainable way.

2021-2022 Can be described Peerapat Technology's very active of all time in moving forward in Sustainable Developments with various developed results both internal sustainable developments such as; Solar Roof installation, Green Team Formation and Green Solution Products addition such as; Biotechnology Cleaning Product, MBR wastewater treatment system.

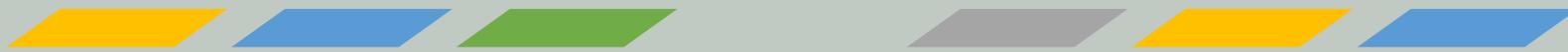
02

Results from last year

Green Team



Green Industry and Green Label



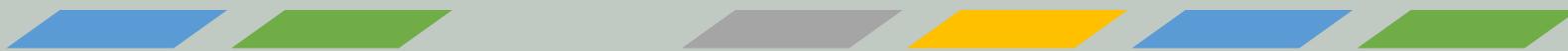
Solar Roof



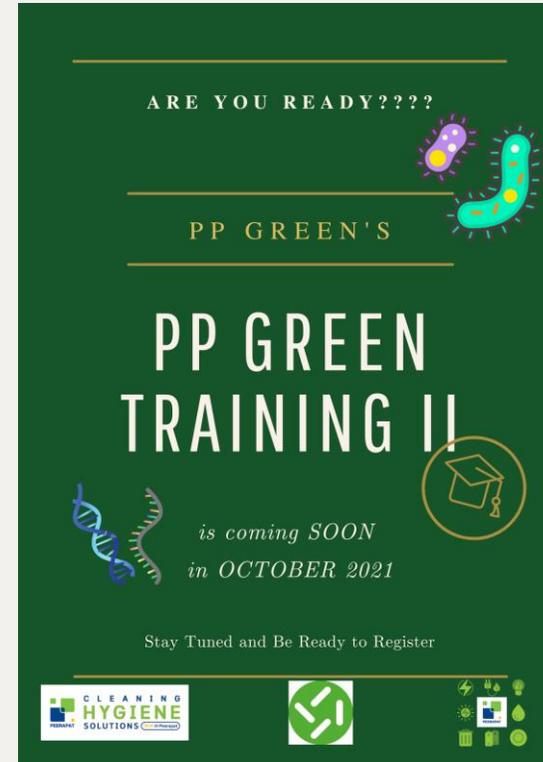
Water Footprint Reduction



Biotechnology Cleaning Products



PP Green Team



Green Team Formation

Green and Environmental Knowledge Trainings

Awareness Activities

Green Industry and Green Label



กำหนดการ

พิธีมอบโล่และเกียรติบัตร ฉลากเขียวและฉลากลดคาร์บอน

วันศุกร์ที่ 17 ธันวาคม 2564 เวลา 13.00-15.00 น.

ณ B202 โรงแรมเซ็นทรา บาย เซ็นทารา ศูนย์ราชการ และคอนเวนชันเซ็นเตอร์ แจ้งวัฒนะ
และออนไลน์ระบบ zoom



Entrepreneurs who have been certified green label for more than 15 years



Mr. Veerapong Luesakul
CEO Peerapat Technology PCL



Solar Roof Project



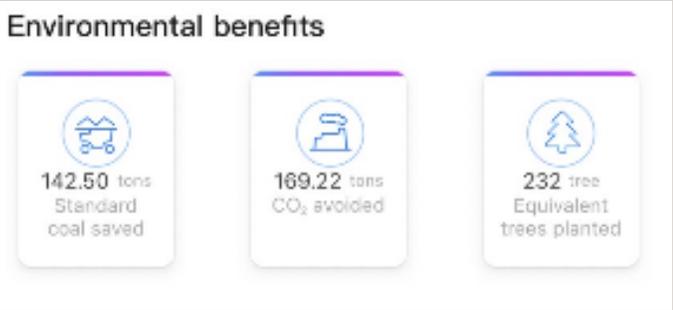
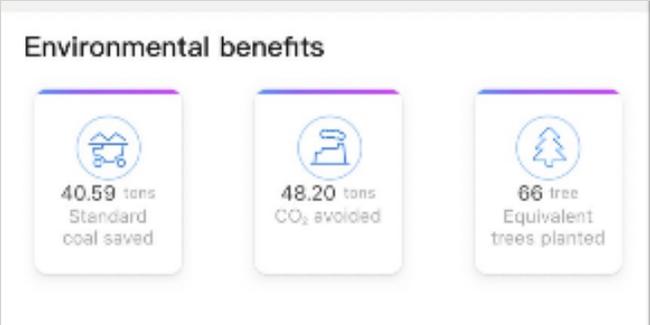
Solar Roof at Khao Yoi Office
121.50 kWp



Solar Roof at Khao Yoi Factory
330.45kWp



Another Sustainable Development in Peerapat Technology is installation of Solar Roof at Factory and Office in Khao Yoi, Petchburi Province.



Water Footprint Reduction

Peerapat Technology installed MBR-membrane bioreactor to treat the wastewater at the factory.

Year	2020 (cu.m)	2021 (cu.m)	2022(cu.m)
Amount of Treated Water at wastewater plant	989.43	706.48	528.6



Wastewater Treatment Plant

We have Zero Discharge of Wastewater to the Environment from our Factory.

Packaging Recycling



We re-collect product packaging from customers and (re-use) re-cycle at our factory.

MOU Signing Ceremony and Bio-Clean Seminar

InnuScience-Peerapat



InnuScience Group and Peerapat Technology PCL Signed MOU on Distribution Agreement in CLMV countries



"Going Green Together with Biotechnology Cleaning"



INNUSCIENCE – GUARANTEE OF SAFETY



ECOLABEL
EU FLOWER
LIFE CYCLE
CONSIDERATIONS



ECOLOGO

ECOLOGO
CANADIAN
ENVIRONMENTAL
CERTIFICATION
LIFE CYCLE
CONSIDERATIONS



NORDIC ECOLABEL
EUROPEAN NORDIC COUNTRIES
LIFE CYCLE, ENVIRONMENT,
CLIMATE AND PERFORMANCE
AND INCLUDES
BACTERIA BASED PRODUCTS

"SWITCHING TO INNUSCIENCE BIOTECHNOLOGY
QUALIFIES BUILDINGS FOR UP TO 4 LEED CERTIFICATION
POINTS"

As Peerapat aware of sustainable cleaning process, added Biotechnology Cleaning Products in Product Line and is Educating customers the benefits of Biotechnology Cleaning Process and Sustainable Cleaning Process.

Participate in Thailand's Sustainability Movements



FTI Expo 2022 – Shaping Future Industries (BCG Concept)



Red Cross Bazaar 2022



Thailand Sustainability Expo 2022



Sustainability Goals



Product priorities

- Increase green chemical products by 2%
- Increase the visibility of Green Solutions in Market

Added priorities

- Improve our social media presence in Sustainable Solutions
- Ensure the safety of products in both Environment and User experiences

Internal Developments

- More Awareness internally
- Green Infrastructures
- Participation in Social Movements

Summary

We Committed to drive business in sustainable way

We're practice sustainable developments internally

We're delivering our sustainable solution to our customers with time

We prioritize user safety and environmental safety

We're leader in Cleaning Hygiene Solution Providers in Thailand

Our Green team is growing

04 Closing

Thanks for your time. And Thanks to our Management Team for giving us chances to develop sustainable goals and finally, Thanks to our Green Team for commitment and strong work, we know next year will be even better than the last.

We look forward to working together.

Thiri

PP Green Team Leader

Cleaning Hygiene Solution



Hospitality Food Service Health Care

Products and Sectors



Energy Water Treatment Biotechnology Cleaning Chemical

- Heat pump and Solar Hybrid
- MBR Wastewater Treatment
- InnuScience Cleaning Products
- PP Cleaning Chemicals (Green Label)

Our Product Values



" We Clean, We Green "