

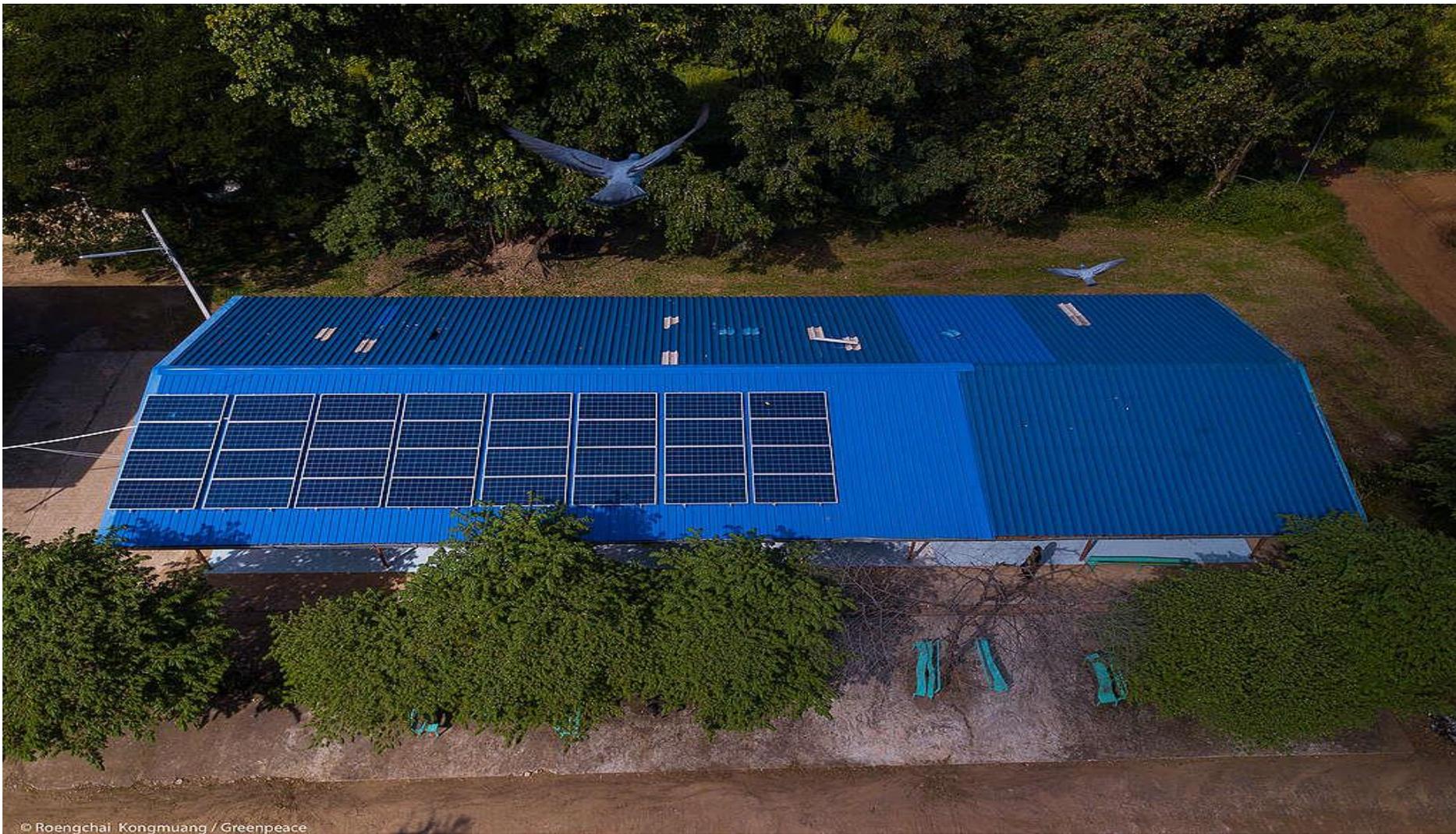


## รีวิวบ้าน “ผนังโฟม”

I'HOUSE STUDIO CO.,LTD.

Saraburi province

Brick wall was replaced by EPS foam wall to reduce inside temperature.



**Banpun school, Sayao sub-district, Sriratana district, Srisaket Province**

**Solar panels installation on school roofs can reduce 30,000 THB of electricity fee annually.**



**Gunkul engineering Public Co., Ltd.**

**Dong Khon solar power plant, Dong Khon sub-district, Sawank Buri district,  
Chai Nat province**

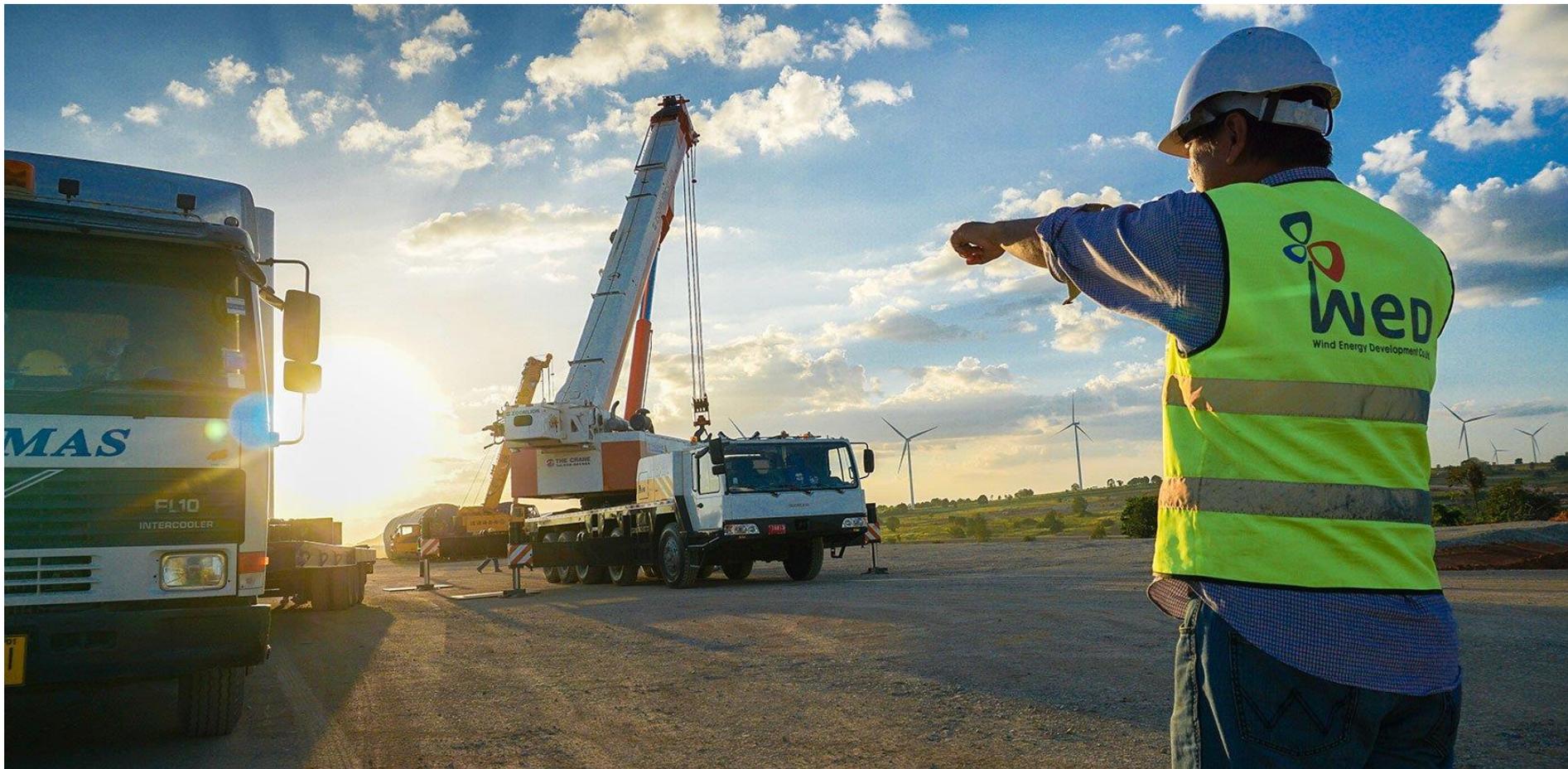
**Solar panels were installed to generate 7.6 megawatts of power.**



**BCPG Public Company Limited**

**Bang Pa-in district, Phra Nakhon Si Ayutthaya province**

**Solar panels were installed to generate 7.6 megawatts of power.**



**Korat Wind Energy Co., Ltd.**

**Mittraphap Wind Farm power plant, Don Mueang sub-district & nongnamsai sub-district, Sikhio district, Nakhon Ratchasima province**

**Wind turbines of 137 meters high and 5kW power generation capacity were installed.**



**Fang Geothermal power plant**

**Mon Pin sub-district, Fang district, Chiang Mai province**

**300 kW power generation capacity from hot spring water flow.**



**MTEC NSTDA & DEDE**

**Royal Princess Hotel Larn Luang, Pom Prap Sattru Phai district, Bangkok**

**High quality biodiesel fuels, H-FAME, can be mixed with B10 fuel to improve quality.**



**Siam Cement Group (SCG)**

**Bang Sue sub-district, Bang district, Bangkok province**

**SCG designed an energy efficient building and received the LEED Platinum award from the US Green Building Council and the TREES standard from Thailand.**

# ENERGY EFFICIENT BUILDING

Retrofitted Building



**TRI PETCH ISUZU LEASING CO., LTD.**

**Chatuchak sub-district, Chatuchak district, Bangkok province**

**ISUZU received the ASEAN Energy Awards.**



**PTT public company Limited (Phra Khanong)  
Bangchak sub-district, Phra Khanong district, Bangkok province**

**PTT received Building Energy Code (Energy-efficient Building 2018) from  
the Department of Alternative Energy Development and Efficiency.**



**Department of industrial works**

**Chana Songkhram sub-district, Phra Nakhon district, Bangkok province**

**DIW Energy Coaching Center launched SME Factory Energy Saving Project to support entrepreneurs to save energy.**



**Provincial Electricity Authority  
Ladyao sub-district, Chatuchak district, Bangkok province**

**Power Saving campaign for Thais to Reduce Energy Usage, with many manufacturing plants participating by switching to energy-efficient light bulbs with constant follow-up.**



**SUNTORY PEPSICO BEVERAGE (THAILAND) CO., LTD.**

**Pak Nam Pho, Nakhon Sawan province) to Bang Krachao, Samut Prakan province)**

**Pepsi encouraged garbage collection from Pak Nam Pho Sub-district to Bang Krachao Sub-district, 349 kilometers in total.**



**Department of Environmental Quality Promotion, Sanam Luang, Bangkok**

**A campaign to encourage people to deal with garbage at source in accordance with the Sanam Luang Model during 15-24 November 2019**



**Areeya Property PCL.**

**Areeya Village, Bang Na zone, Samut Prakan province**

**Recycling Day 2019 was arranged to provide knowledge in waste separation, recyclable waste, and wet waste. Waste separation guidelines were distributed to support sustainable waste management in all future projects.**



**Volvo Cars (Thailand) Co., Ltd.  
Bangsaen Beach, Saen Suk Municipality, Chonburi province**

**Volvo Car Thailand arranged a beach cleanup activity for its employees to encourage everyone to be aware of the micro-plastic problem and support the UN Clean Sea Campaign.**



**The Shell Company of Thailand Limited  
More than 160 stations available in Bangkok, Thailand**

**Shell joined hands with Bangkok Metropolitan Administration in launching the “Service Provider Garbage Collection” initiative, which separated garbage into 3 categories: 1. General garbage 2. Recyclable garbage 3. Dangerous garbage.**



**BCC hall, CentralPlaza Lardprao, Bangkok**

**“Wastewater Management Project 2019” was launched under the concept of turning wastewater into clean water and encouraged Thai people to join force.**



**Siam Cement Group (SCG) : 12 provinces around Thailand**

**“SCG Water Conservation Project” was launched with support from communities and networks to build 70,000 mini-dams in 12 provinces in every region of Thailand.**



**Faculty of Science and Technology, Chiang Mai Rajabhat University  
Don Kaew sub-district, Mae Rim district, Chiang Mai province**

**Biogas from pig manure was produced to substitute liquid propane gas in communities.**



## **Pakasai Resort**

**Ao Nang sub-district, Mueang district Krabi province**

**Leftover food was used to produce bio-gas for hotels. This could save 19kg/month of gas, as 1 m<sup>3</sup> bio-gas can substitute 0.46 kg LPG.**



**Siam Cement Group (SCG)**

**Coastal area in Rayong, Chonburi and Chanthaburi province**

**The PE100 micro-plastics, which were used for environmentally-friendly water pipes, were redesigned to make a “SCG Fish House.”**



**Siam City Cement Public Company Limited**

**“INSEE Petch Plus” presented its Hydraulic Cement to reduce carbon dioxide emission.**



**Siam Cement Group (SCG)**

**Bangkok International Trade & Exhibition Centre, Bangkok, Thailand**

**The “Bag to the Future” initiative was launched in corporation with ISSUE KLOSET & ETCETERA and URFACE, by upcycling leftover cement bags to produce limited edition bags @ 1,880 – 3,590 THB per bag.**



**Daikin Chemical Southeast Asia Co., Ltd.**

**Refrigerant substances and products were developed to become environmentally friendly. The company also encourages the use of R32 refrigerant, which is better than R410A in terms of global warming reduction.**



**Department of industrial works**

**3 provinces: Samut Prakan, Suphan Buri and Chon Buri**

**Department of Industrial Works joined hands with Office of the Vocational Education Commission and Department of Skill Development to suspend the use of HCFC-22 and ozone-depleting substances. Air conditioners were also provided to the Department of Skill Development.**