



## Group CEO Talk EV Hub Gaining Ground in Thailand

WHA Seals 600-rai Landmark Deal for  
First BYD New Energy  
Vehicles Plant  
in ASEAN

WHA Receives  
3 Prestigious SET Awards  
Reflecting Sustainability-Integrated Operations

Thailand's Best Managed  
Companies Award and  
Thailand Top CEO of the Year

WHA Group Invests in Mungmee B2B  
E-Commerce Startup Aiming to  
Revolutionize

Thailand's Traditional Trade and Mercurar  
to Join New Generation B2C Space

WHA Group Develops WHA Smart ECO  
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WHAUP Secures Ford Motor's Solar  
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# GROUP CEO TALK

## EV Hub gaining ground in Thailand

Due to the widespread impact of global warming, the popularity of renewable and clean energy is widely accepted. The automotive sector is one of the industries directly affected by this change and thus has to accelerate adapting itself in order to correspond to the inevitable transition from internal combustion engine vehicles to electric vehicles (EVs).

For the Thai automotive industry, it is undeniable that Thailand is the number one automobile production base in ASEAN. This is because the country has geographical advantages in being the center of the region, which facilitates the transportation of goods to various countries. Also, it is home to a potential automotive and parts manufacturing supply chain, as well as the availability of infrastructure and skilled labor. In addition, the government has the policy to drive and develop the EV industry along with investment promotion measures, both tax and non-tax, to produce EVs for all types of vehicles. These advantages are major supporting factors that help Thailand have the potential to become a hub of investment in the modern automotive industry and the region's electric vehicle production base (EV hub).

**However, driving Thailand's automotive industry in order to become a complete EV hub still requires the cooperation of the public and private sectors to jointly unlock current limitations,** whether it is infrastructure development that contributes to the growth of the industry (such as technology research and development centers or EV charging station networks that support comprehensive use), promoting the development of innovation and production technology throughout the supply chain, increasing labor

skills to support production technologies that are different from today's, or stimulating domestic demand (such as offering discounts or special tariffs to incentivize the transition to EV use).

According to Thailand's Board of Investment (BOI) latest report on the promotion of electric vehicles and parts production businesses, Thailand has attracted foreign investors to invest in a production base for EVs, including major carmakers from Japan, Europe and China. Currently, 26 EV projects from 17 companies have been approved, with a total production capacity of 830,000 electric vehicles. Major manufacturers are interested in investing in production bases in Thailand, including BYD, the electric car giant from China, which is the latest company to receive investment promotion with a high investment value of over THB 17 billion to build a factory on an area of 600 rai at WHA Rayong 36 Industrial Estate to produce right-hand drive EV and battery electric vehicles (BEVs). The Chinese firm aims to meet the demand for EVs in the country and become a hub for exports to foreign markets in ASEAN and Europe.

**This investment reinforces Thailand's strengths and represents an important step towards becoming the region's EV hub. The establishment of production bases by major automakers will attract a network of parts manufacturers to invest further in the country.**

**"Not only does Thailand have the potential to become a production base for the EV industry in the region, but also at the global level."**

**Ms. Jareeporn Jarukornsakul**

Chairman and Group CEO  
WHA Corporation PCL





# HIGHLIGHTS

## WHA Seals 600-rai Landmark Deal For First BYD New Energy Vehicles Plant in ASEAN

*Located at WHA Rayong 36 Industrial Estate, the state-of-the-art facility is expected to start operations in 2024*

WHA Industrial Development PLC, a subsidiary of WHA Group, Thailand's leader in fully-integrated logistics, industrial estates, utilities and power, and digital platform, recently announced the signing of a significant land purchase agreement with leading electric vehicle manufacturer BYD for a 600-rai plot (96 hectares or 237 acres) at WHA Rayong 36 Industrial Estate. As WHA Group's eleventh industrial estate in Thailand, WHA Rayong 36 Industrial Estate is strategically located in the Eastern Economic Corridor (EEC). The land sale to BYD, WHA's most significant in 20 years, highlights WHA Group's strategy to support the EEC and to attract S-curve industries, especially in the next generation automotive sector.

The deal was signed by Ms. Jareeporn Jarukornsakul, Chairman and Group Chief Executive Officer of WHA Corporation PCL, Mr. David Nardone, Group Executive – Industrial and International, WHA Industrial Development PLC., Mr. Liu Xueliang, General Manager of BYD Asia-Pacific Auto Sales Division and Mr. Ke Yubin, General Manager of BYD (Thailand), during an auspicious ceremony held at the Grand Hyatt Erawan Bangkok, in the presence of top executives of both companies.

Supported by Thailand's Board of Investment (BOI), BYD Thailand will build an electric passenger car plant using the most advanced technology for right-hand drive vehicles at WHA Rayong 36 Industrial Estate. With operations expected to start in 2024 and an annual capacity of 150,000 electric passenger cars, the plant's production will be exported to ASEAN countries and Europe.



Founded in February 1995 in China, BYD has accumulated over twenty years of experience in the field of new energy vehicles. In April 2022, BYD announced that it had stopped production of full combustion engine vehicles and would focus on battery electric (BEV) and plug-in hybrid vehicles (PHEVs). On 8 August 2022, BYD officially appointed Rêver Automotive Company Limited as the sole distributor of BYD in Thailand, with an EV sales target of over 10,000 units in the first year of operations. Rêver Automotive Co., Ltd. is a Thai company formed by local partners among the third-generation heirs of Siam Motors Group.

"I would like to extend our sincere thanks to BYD's management for placing their trust in WHA Group for their new electric passenger car plant," said Ms. Jareeporn, "This is a proud moment and a significant milestone for WHA Group, as well as a meaningful breakthrough for the next generation automotive industry in Thailand. We are delighted to welcome BYD to WHA Rayong 36 Industrial Estate, our eleventh industrial estate in Thailand. Our world-class facilities and services, excellent infrastructure, and strategic location make it the perfect choice for BYD to expand its operations and enhance its international presence," she added.

**“ This strategic land acquisition also confirms Thailand's strengths that continue to attract major industrial investors from China and other countries. WHA is proud to accompany the Thai government in achieving its aim to become Southeast Asia's hub for electric vehicles, enhancing the country's economic growth, and gaining a solid reputation for vision, leadership and innovation. ”**

*Ms. Jareeporn Jarukornsakul,  
Chairman and Group Chief Executive Officer, WHA Corporation PCL*

“Opening this new overseas production facility at WHA Rayong 36 Industrial Estate is truly a significant advancement in our group’s expansion,” commented Mr. Liu Xueliang, General Manager of BYD Asia-Pacific Auto Sales Division. “Following a thorough search and screening process, Thailand and WHA Rayong 36 Industrial Estate emerged as the ideal choice due to their geographical position and reputation as a leading industrial estate player in the region. The EEC and WHA Rayong 36 Industrial Estate offer exactly what we were looking for: outstanding location, talented human resources, world-class services and facilities, top-quality logistics and infrastructure. In addition, WHA Group has been playing an instrumental role in the expansion of the automotive cluster in the EEC. These are crucial factors for our investment, and we look forward to a mutually beneficial and long-term relationship with WHA Group.”

### **WHA Rayong 36 Industrial Estate: EEC-approved for new-generation industries**

WHA Group’s newest industrial estate in Thailand, WHA Rayong 36 Industrial Estate covers 1,281 rai (205 hectares or 507 acres). Strategically situated close to Rayong’s Highways 36 and 3375, it is only 25 kms from Map Ta Phut Deep Sea Port, 31 kms from Laem Chabang Deep Sea Port and 23 kms to U-Tapao Airport. In line

with WHA’s Smart Eco Industrial Estates concept, WHA Rayong 36 Industrial Estate features the latest digital and innovative technologies in terms of communications, mobility, security and safety, environment control, water production and wastewater treatment. Like all other WHA industrial estates in Thailand, WHA Rayong 36 Industrial Estate is linked to WHA’s Unified Operations Center (UOC), located at its headquarters at WHA Tower in Bangna, enabling real-time monitoring of several environmental parameters, such as air quality, industrial water and wastewater quality, as well as rainfall levels, traffic management and safety.

### **WHA Group’s expanding automotive cluster in the EEC**

This land purchase deal between WHA Group and BYD (Thailand) represents a significant step toward Thailand’s vision to become Southeast Asia’s hub for electric vehicles (EVs). The Thailand BOI (Board of Investment) has approved 26 EV projects from 17 companies to date, representing a total production capacity of 830,000 electric vehicles. By early 2023, the country expects to reach its production target of one million EV units. By 2030, forecasts show that electric vehicles should represent 30% of Thailand’s total car production, or 700,000 EVs per year.

## WHA Receives 3 Prestigious SET Awards 2022 Reflecting Sustainability-Integrated Operations



**In the picture:** Ms. Jareeporn Jarukornsakul (center), Chairman and Group CEO of WHA Corporation PCL (WHA Group), together with Mr. Somkiat Masunthasuwun (left), Chief Executive Officer of WHA Utilities and Power Public Co., Ltd, and Ms. Jarucha Satimanont (right), Managing Director, WHA Industrial REIT Management Co., Ltd, recently received SET Awards 2022 from the Stock Exchange of Thailand

WHA Group has received three prestigious SET Awards 2022 in Sustainability Excellence and Business Excellence Categories from the Stock Exchange of Thailand (SET):

- WHA Corporation Public Company Limited: Commended Sustainability Awards (Sustainability Excellence category)
- WHA Utilities and Power Public Company Limited: Best Innovative Company Awards (Business Excellence category)
- WHA Industrial Leasehold Real Estate Investment Trust: Outstanding REIT Performance Awards (Business Excellence category)

The award ceremony was held at the Stock Exchange of Thailand (SET), in cooperation with Money and Banking magazine.

"I am very proud that WHA Group has received 3 SET Awards in both Sustainability Excellence and Business Excellence categories," said Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL. "I would like to thank all WHA executives and staff for their active participation and relentless efforts towards sustainable development and growth."

**“All these awards reflect our organization’s commitment to sustainable development and growth by maximizing innovation and technology to create sustainable value and balance business principles.”**

**Ms. Jareeporn Jarukornsakul,  
Chairman and WHA Group CEO**

As part of its ongoing roadmap to become a tech company in 2024, WHA Group has adopted sustainable policies across its four business hubs – Logistics, Industrial Development, Utilities & Power, and Digital Platform. Utilizing smart technologies and innovations, a series of initiatives have been undertaken to enable economic and financial growth while protecting the environment and reducing the effects of climate change.

Over the years, WHA Group has undertaken a number of outstanding environmental projects. Initiated in 2016, the *Clean Water for Planet* project facilitates wastewater management and treatment, as well as

knowledge transfer to communities to create a better understanding and instill public awareness on the importance of natural resource conservation. The Group has carried out the construction of and delivered wastewater treatment systems to various communities to improve water quality in canals by using an environment-friendly constructed wetland, inspired by H.M. the late King Bhumibol Adulyadej the Great (King Rama IX). To date, WHA Group has delivered a wastewater treatment system to Pluak Daeng Subdistrict Administrative Organization in Rayong and has participated in a constructed wetland project for Nong Khla subdistrict in Chanthaburi.

By 2025, the company targets to double the capacity of its reclamation water projects, from 30,200 cubic meters (cu.m.) to 60,400 cu.m. per day, to save 6.9 million cu.m. of total water withdrawal from natural sources and water discharge into public waterways for long-term water security. It helps secure raw water resources in the long term and can be converted into demineralized water or high-quality water for industrial customers in WHA Group’s industrial estates.

Clean energy, including solar energy, is another priority of WHA Group with the development of solar rooftops and waste-to-energy projects such as the Chonburi Clean Energy power plant. WHA Group expects to reach 150 MW in signed Power Purchase Agreements (PPAs) from solar rooftops and is targeting 300 MW by the end of 2023. In addition, the Group achieved carbon neutrality in 2021 and has committed to reaching net zero CO<sub>2</sub> emissions by the year 2050. Codeveloped with PTT and Sertis, the Renewable Energy Exchange (RENEX) platform, a peer-to-peer energy trading system using blockchain technology, will help reduce CO<sub>2</sub> emissions by over 4.3 million tons during the project’s life cycle.

Throughout the years, WHA Group has also been a leader in community projects involving social welfare, education, youth and sports, health, talent development and community empowerment. Coupled with its adherence to UN Sustainable Development Goals and ESG (environmental, social and governance) principles, this underlines the SET Awards 2022 jury’s decision to select WHA Group for the coveted Sustainability Awards. The Group is also ranked as a 2022 sustainable stock or THSI (Thailand Sustainability Investment) in the real estate and construction sector from the Stock Exchange of Thailand for the third consecutive year.

## WHA Group Receives Thailand’s Best Managed Companies 2022 Award



WHA Corporation PCL (WHA Group), represented by Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL, recently received a Thailand’s Best Managed Companies 2022 award from Deloitte Thailand. Receiving this award reinforces the trust and confidence of all stakeholders in WHA Group, as a strong and stable company with a corporate vision based on sustainability. One of its key missions is to help nurture a new generation of talent that will enable not only WHA Group but Thailand to look forward with optimism and confidence in the future.



## WHA Group CEO Jareeporn Jarukornsakul Awarded Thailand Top CEO of the Year 2022



Ms. Jareeporn Jarukornsakul, Chairman and Group CEO, WHA Corporation PCL, recently received the Thailand Top CEO of the Year 2022 award in the Property Industry category, from H.E. Mr. Nurak Marpraneet, Privy Councillor.

The prestigious award aims to honor organizations' top executives with an ability to transfer their knowledge and successful strategies to inspire new-generation executives. The award was held by *BUSINESS+* magazine, under ARIP PLC, together with the Faculty of Commerce and Accountancy, Thammasat University.

## WHAUP Named Best Innovative Company at SET Awards 2022 for Peer-to-Peer Energy Trading Platform



**In the picture:** Mr. Somkiat Masunthasuwun, Chief Executive Officer of WHA Utilities and Power Public Company Limited (WHAUP) receives the Best Innovative Company Award 2022 for the project Peer-to-Peer Energy Trading: Future of Energy Market from Dr. Prasarn Trairatvorakul, Chairman of the Stock Exchange of Thailand during the SET Awards 2022 ceremony held at the Stock Exchange of Thailand.

Mr. Somkiat Masunthasuwun, Chief Executive Officer of WHA Utilities and Power Public Company Limited (WHAUP), announced the company received the award for Best Innovative Company at the SET Awards 2022 for its Peer-to-Peer Energy Trading: Future of Energy

Market, a power trading platform in industrial estates. The platform was developed to allow buyers and sellers to freely trade solar energy using blockchain technology. This reflects the company's commitment to adopt innovations in line with its plan to drive sustainable growth in the future.

WHAUP continually develops innovations to increase the competitiveness of its customers in the Group's industrial estates. It also supports government policies to reduce greenhouse gas emissions and provide opportunities for entrepreneurs to expand their renewable energy projects.

The Best Innovative Company Award reinforces WHAUP's leadership in the development of innovations in the utilities and power businesses, in line with good corporate governance and responsibility to communities, society and the environment. The peer-to-peer energy trading platform aims to expand opportunities to develop solar power projects in industrial estates.

“The Best Innovative Company Award is a prestigious distinction that reflects WHAUP’s DNA and its commitment to create quality work that can bring change to society. WHAUP has now become a respected player

and represents a successful model for other companies, which help raise up the standards of bringing sustainable growth to the country’s economy and industries in the long run,” said WHAUP CEO Mr. Somkiat Masunthasuwun.

## WHAIR Wins Outstanding REIT Performance at SET Awards 2022

WHA Industrial Leasehold Real Estate Investment Trust (WHAIR REIT) has received the Outstanding REIT Performance during the SET Awards 2022. This distinction reflects its outstanding business performance and sustainable growth, overcoming the economic and industrial situation during the COVID-19 crisis, along with good corporate governance and its excellent compliance with the rules and regulations of the Stock Exchange of Thailand.

Ms. Jarucha Satimanont, Managing Director and Manager of WHAIR REIT, declared that this is an important year for WHAIR as it has been awarded the Outstanding REIT Performance at the SET Awards 2022 organized by The Stock Exchange of Thailand (SET). This award reflects WHAIR’s outstanding performance and sustainable growth despite the economic and industrial conditions during the COVID-19 pandemic, along with good corporate governance, and its ability to comply fully with the rules of the Stock Exchange of Thailand.

This year, WHAIR REIT plans to make its fourth additional investment in leasehold rights of land, factory buildings,



and warehouses worth not over THB 1,345.89 million in the areas of the Eastern Economic Corridor (Chonburi and Rayong) and Hi-Tech Kabin Industrial Estate (Prachinburi province), considered strategic locations and among the country’s most important business centers for rental factories and warehouses. The third offering of WHAIR REIT units is expected to be completed by the end of 2022. Following this investment, WHAIR’s total assets will be worth over THB 13 billion. WHAIR REIT is considered another investment option that promises satisfactory returns in the EEC area and the opportunity for steady growth in the future.

## WHA Group Invests in Mungmee B2B E-Commerce Startup Aiming to Revolutionize Thailand’s Traditional Trade

WHA Venture Holding Co., Ltd. (WHAHV), a wholly-owned subsidiary of WHA Corporation PCL, recently announced that it has invested approximately THB 34 million in Mungmee, a Thai startup revolutionizing Thailand’s traditional trade by integrating digitization, advanced technology and data in the supply chain.

Founded in 2021, Mungmee’s objective is to create a B2B e-commerce platform that connects brands, agents, distributors,

wholesalers, and retailers across Thailand to transact in a faster and better way by leveraging data and technology. The platform offers fair access to price, promotion and product assortment for retailers while boosting efficiency in operation processes including store management, order management, marketing tools, and customer access for brands, agents, distributors and wholesalers.

WHAHV’s investment was finalized in early September 2022 as part of Mungmee’s second seed round fundraising phase. This will enhance Mungmee’s business capabilities to penetrate Thailand’s traditional trade market (representing 50% of the country’s FMCG market size) estimated to reach THB 1 trillion (over USD 30 billion) in 2026.



Synergies also exist for the integration of Mungmee's e-commerce value chain with WHA Group's well-established logistics

ecosystem, including premium warehouses, distribution centers, and transportation management system offered by leading e-logistics start-up Giztix, in which WHA Group invested last year.



Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL, commented: "Mungmee's vision to facilitate and accelerate the digital transformation of Thailand's traditional trade fits with our Digital Innovation and Transformation plan to offer new products and services in collaboration with dynamic startups. Our investment is also in line with our group's strategy to expand our customer base and play a bigger role in supporting Thailand's supply chain. It will enable us to penetrate a new sector and accompany its transformation, representing another expansion channel for WHA Group."

"As Thailand's leading player in logistics, WHA Group is committed to support and empower Thai startups and entrepreneurs that bring innovations and technologies to the forefront. We will continue to seek new investment opportunities both in Thailand and the region to expand our businesses and achieve sustainable growth," she added.

The Mungmee app is currently assisting 3,900 mom-and-pop shops, mainly in 3 provinces in the Northeastern region of Thailand (Udonthani, Nakhon Ratchasima and Sakonnakorn), with plans to expand regionally to cover 12 major strategic provinces in 2023 and 36 provinces in early 2025.

## WHA Group Invests in Mercular to Join New Generation B2C Space

WHA Venture Holdings Co., Ltd. (WHA VH), a wholly-owned subsidiary of WHA Corporation PCL, recently announced that it invested USD 1 million in Mercular, a Thai vertical e-commerce start-up specializing in hobby lifestyle products, such as audio gadgets, gaming gears, hobby stations and other recreational equipment.

WHA VH's investment was finalized at the end of June 2022 as part of Mercular's Bridging Round (Pre-Series B) fundraising. This will enable Mercular to integrate its e-commerce value chain with WHA Group's well-established logistics ecosystem including premium warehouses and distribution centers. The synergies also exist with leading e-logistics start-up Giztix, in which WHA Group invested last year with respect to efficient transportation services, especially last-mile delivery.

Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL, expressed her delight with the partnership in Mercular: "This investment is perfectly in line with our group's strategy to expand our customer base and play a bigger role in the B2C sector,

especially among the new generation. Moreover, it fits with our Digital Innovation and Transformation plan to offer new products and services in collaboration with dynamic start-ups. Mercular will be one of the customer expansion channels for WHA Group to actively enter a new segment, since nowadays B2B and B2C businesses are converging," commented Ms. Jareeporn.

"As Thailand's leading player in logistics, WHA Group is ready to bring in its expertise to support Thai start-ups and entrepreneurs, facilitating the growth of the entire supply chain from sellers to logistics operators, while helping them reduce their logistics costs and increase their competitiveness. Over the next few years, WHA Group will continually seek new investment opportunities both in Thailand and the region to expand our businesses and achieve sustainable growth," she added.

Through this investment, WHA VH will join other Mercular's existing shareholders, including Central Group (CRC), Kairous Capital, CyberAgent Capital, N-Vest Venture, Premier Advisory Group, and 500 TukTuks.

## WHA Group Develops WHA Smart Eco Industrial Zone in Quang Nam Province, Vietnam

WHA Group signs MoU on 25 August 2022 with the Quang Nam Economic Zones and Industrial Zones Management Board. Strategically located in Central Vietnam at the heart of the central industrial corridor area, the project area will cover approximately 400 hectares.

WHA Industrial Development PLC, a subsidiary of WHA Group, Thailand's leader in fully-integrated logistics, industrial estates, utilities and power, and digital platform, has announced the signing of a Memorandum of Understanding (MoU) with the Quang Nam Economic Zones and Industrial Zones Management Board for the development of WHA Smart Eco Industrial Zone in Vietnam. With a gross surface area of approximately 400 hectares, the upcoming WHA Smart Eco Industrial Zone – Quang Nam will be located between the provinces of Da Nang in the north and Quang Ngai in the south.

According to the MoU, the Quang Nam Economic Zones and Industrial Zones Management Board will support WHA Industrial Development to obtain the approval of the investment policy and other necessary permits for the project in accordance with the laws of Vietnam.

WHA Smart Eco Industrial Zone – Quang Nam will benefit from its location at the heart of the Central region including Da Nang and Quang Ngai provinces. This includes superior air, sea, and road infrastructure and connectivity with Da Nang International Airport and multiple direct flights to South Korea, Japan, China, Singapore and Thailand, Chu Lai Airport, Da Nang (deep sea) Port, and the existing modern motorway connecting the project area to Da Nang in less than one hour. Quang Nam province has

ample labor availability and a population of 1.5 million people, with an existing industrial base in automotive and electronics. The unique living environment includes Da Nang and Hoi An that will attract both local and foreign professionals. The future industrial zone is well-suited to welcome clean and high-tech manufacturing industries in the automotive, mechanical, electrical, electronics, telecommunication, medical, and logistics sectors. Construction is expected to commence in 2024.

“We are confident that WHA Smart Eco Industrial Zone – Quang Nam will enhance the East-West Corridor, to become the manufacturing cluster of Central Vietnam. Similar to all our projects in both Thailand and Vietnam, WHA will implement advanced and environment-friendly technologies while promoting long-term economic development with growth prospects. Based on these strengths, we are looking forward to attracting high-value FDIs from Japan, South Korea, Taiwan, Europe, the USA as well as other countries,” noted Mr. David Nardone, Vice Chairman at WHA Corporation PCL and Group Executive – Industrial and International at WHA Industrial Development PLC.

“WHA is continuing its Vietnam success following our first industrial zone in Nghe An province and our new industrial zone under planning and approval in Thanh Hoa province. In Quang Nam province, WHA's strategy of industrial expansion in selected key provinces in Vietnam is for long term continuous investment,” added Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL.

## WHAUP Secures Ford Motor's Solar Carpark Installation with 7.7 MW capacity, worth THB 235 million

WHA Utilities and Power Public Company Limited (WHAUP) has sealed a solar carpark installation deal representing a generation capacity of 7.7 MW with Ford Motor Company. With a total rooftop space of 59,000 sq.m. (square meters) and an investment of THB 235 million, it is considered the largest in Thailand. WHAUP CEO Mr. Somkiat Masunthasuwun is delighted with outstanding signed contracts for buying and selling electricity, coming from 77 solar projects with a combined capacity of 127 MW. Forty-six projects have already started commercial operations (COD) for 40.2 MW, with solar contracts reaching a total of 150 MW for 2022.

WHAUP CEO Mr. Somkiat Masunthasuwun revealed that the company is moving forward with its plans to expand its renewable energy portfolio, especially solar projects both inside and outside WHA Group's industrial estates.

In signing an agreement with Ford Motor Company to install a solar carpark system on the parking lot's rooftop area of Ford Motor Thailand's manufacturing and assembly plant located in WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1), this solar project highlights WHAUP's ability to provide fully-integrated solar rooftop installation services.

Called Ford Solar Carpark, the project will be implemented in accordance with the NEC (National Electric Code) 2020 standard, which will enhance power security and reduce energy costs for the customer. At the same time, the solar rooftop will enable Ford to use clean energy and provide shade for the car park, which will benefit and extend the lifespan of car rubber parts and equipment. This project has already started and is expected to be completed in 2023.

Across 2022, WHAUP signed another 15 electricity buying and selling contracts for a combined capacity of 33.8 MW, bringing the company's total outstanding portfolio to 77 electricity buying and selling contracts to 127 MW, with 6 projects with a capacity of 7.68 MW in the preparation stage to sign contracts. It is forecast that WHAUP will be able to exceed its 2022 target of signed electricity buying and selling contracts with a total capacity of 150 MW.

Mr. Silvio Illi, Director of Manufacturing at Ford Asia,

said: "We aim to run a sustainable business to help build a better world, where all people are free to move and pursue their dreams. Ford is committed to develop its car production process worldwide while using 100% clean energy within 2035 and reaching carbon emission neutrality by 2050. It targets to reduce CO<sub>2</sub> emissions by 143,000 tons during the contract's 25-year term."

At present, two Ford production and assembly plants in Rayong under Ford Thailand Manufacturing (FTM) and AutoAlliance (Thailand) (AAT) have switched to solar power. The AAT plant installed its 5-MW solar power system in 2021 while the FTM plant began the installation of its 7-MW solar power system in 2022, expected to be completed by early 2023. Both solar power projects have received good support from WHAUP for the design and structural work to install the solar power systems. The switch to solar power will help WHAUP drive the use of clean power and lower carbon emissions to create sustainability for the environment and the company's business at the same time.

## WHAUP Signs 10 MW Solar Rooftop Agreement with Megabangna, Driving Forwards Renewable Energy Business



**In the picture:** Mr. Somkiat Masunthasuwun (left), Chief Executive Officer of WHA Utilities and Power Public Company Limited (WHAUP) and Ms. Palinee Kongchansiri (right), President of SF Development Co., Ltd. (SFD)

WHA Utilities and Power PLC (WHAUP) continues its dynamic business expansion to grow its portfolio of renewable energy, especially through the installation of solar rooftops. The company signed a solar rooftop installation agreement with SF Development Co., Ltd who is the management company of Megabangna Shopping Centre for 13 buildings with a total rooftop space of 62,000 sq.m. and a 10 MW capacity, worth THB 245 million. Three additional contracts created a combined capacity of 15.9 MW. Meanwhile, four projects representing a capacity of 22.5 MW started commercial operations (COD) in the second quarter.

WHAUP CEO Mr Somkiat Masunthasuwun is confident that the company's annual revenue will be boosted.

He revealed that the company will continue to expand its solar rooftop business, both inside and outside WHA Group's industrial estates, with a target to sign solar rooftop contracts for a total capacity of 150 MW, up from 92 MW recorded in 2021.

The Megabangna Shopping Centre's solar rooftop agreement is considered WHAUP's biggest rooftop installation project located outside of WHA Group's industrial estates. It includes an after-sales service term of 20 years for the customer. The installation work started in June 2022 and is expected to be completed by April 2023, followed by prompt revenue realization.

Ms. Palinee Kongchansiri, President of SF Development Co., Ltd. (SFD), said WHAUP is the country's leading utilities and power service provider, with a team of engineering experts equipped with vast and professional experience. For these reasons, SFD is confident in WHAUP's potential and service caliber.

Megabangna Shopping Centre sees the benefits of solar rooftop installation as it will help lower its energy expenses throughout the 25-year term, representing THB 1,040 million in total cost value. It will also offset CO<sub>2</sub> emissions by 210,592 tons, in line with policy to reduce global warming and greenhouse gas effects.



# CUSTOMER SHOWCASE

## JOFO Nonwoven (Thailand) Co., Ltd.

### Agile and Ready to Serve Worldwide Customers from WHA ESIE 2 Plant

Established in Thailand 3 years ago, JOFO Nonwoven (Thailand) Co., Ltd. is the Thai subsidiary of China-based global leading company JOFO Enterprises Co., Ltd., specializing in high-tech nonwoven products for several industries such as hygiene (diapers), medical (surgical clothing), automotive (car seats), furniture and bedding (fabric for mattresses and sofas), and geotextile materials used for roads and railways projects. Aside from Thailand, JOFO today has five manufacturing facilities in China and two in Saudi Arabia. It is ranked 24 in the nonwoven industry worldwide.

After starting its commercial operations in mid-2021, and still in Phase 1 of its development, the Thai unit focuses on industrial products used for automotive, furniture and bedding, and geotextile materials, as well as face masks. The company's management is drawing plans to add hygiene and medical products in the near future. About 60% of the plant's production is exported to North America, Europe and ASEAN countries, with the remaining 40% devoted to the domestic market.

"The COVID-19 pandemic obliged us to adapt our strategy," explains Mr. Cai Jiangyong, General Manager of JOFO Nonwoven (Thailand), a Hubei-born citizen with 10 years of experience in Thailand. "Our initial plan was to be part of our Group's global supply chain. However, due to the COVID situation and the relocation to Thailand of a number of export sectors as a consequence of China-US trade tensions, we are now shifting our focus towards the local and regional markets."

A BOI-sponsored company, JOFO Nonwoven (Thailand) purchased 44 rai of land at WHA Eastern Seaboard Industrial Estate 2 (WHA ESIE 2). "We did a lot of research before making our decision, and this proved to be the best choice for our operations and business development in terms of location, easy access, infrastructure, logistics and utilities," explains Mr. Cai. The company is currently working with WHAUP for the installation of a solar



rooftop at the plant. "WHA teams' professionalism and service-driven mindset go way beyond the purchase of land," he adds.

Thanks to its stable business environment and strong industrial base compared with other Southeast Asian countries, Thailand fits well into JOFO's global strategy. "The increasing presence of leading players in a variety of sectors represents positive opportunities for our future development," explains Mr. Cai, who considers the choice of WHA ESIE a 'win-win decision' and foresees the future of the company with great optimism.



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## DKSH (Thailand) Limited

# Nurturing a Fruitful Long-Term Partnership with WHA Logistics



Defining itself a market expansion services provider, DKSH – for Diethelm KellerSiberHegner – was founded in 1865. Although the Group’s headquarters is in Zurich, DKSH has been active since its inception across the Asia Pacific region, including Thailand where it has been present since 1906.

With nearly 11,000 employees, DKSH Thailand is today the largest country operation of the Group, providing tailor-made services that cover the whole value chain, from sourcing, market analysis and research, marketing, sales, distribution, logistics, to after-sales services of a diversified range of products. In Thailand, it currently serves 480 multinational and local companies through its four specialized business units, namely consumer goods (including luxury and lifestyle products), healthcare, performance materials, and technology.

A long-time client of WHA Logistics, DKSH Thailand occupies a total area of nearly 200,000 sq.m. across seven WHA warehouses and distribution centers, mainly located in Bangna KM. 19-23 for its consumer goods and healthcare business units. As one of WHA Logistics’ advantages, these Built-To-Suit (BTS) warehouses comprise both ambient and multi-temperature facilities, depending on the nature of stored products.

Mr. Neil McCann, Vice President, Supply Chain Management Thailand, joined the company four years ago. Under his responsibility and coordination, 2,100 employees ensure the smooth operations of DKSH Thailand’s whole supply chain. “Throughout the years, WHA Logistics evolved from being a mere warehouse owner to becoming more of a strategic partner, helping our company develop its operations,” he says.

“To drive the supply chain of such a dynamic and ever-developing company like DKSH Thailand requires adaptability and flexibility from our logistics partners,” he continues. “This is why we just sat down with WHA Logistics’ team to discuss strategic actions and explore longer term leases that will accompany and support our medium-term development plans. We will also collaborate to improve the working environment and ensure the safety of our employees in our warehouses and distribution centers,” he said.

From its current distribution centers, DKSH Thailand is well-equipped to serve its numerous clients in Bangkok and its vicinity. Anticipating the growing demand on a nationwide basis, the two partners are now discussing further developments upcountry, especially in the Northern and Eastern regions. “Thanks to the continuous dedication and service-minded backing of their team, we foresee a mutually-beneficial business partnership with WHA Logistics for years to come,” he concluded.



### Contact Information:

Mr. Neil McCann  
DKSH, Vice President, Supply Chain Management  
Tel. 66 2 790 4000

<https://www.dksh.com/th-en/home>

# NEWSCAST WHA GROUP

## Goldman Sachs Executive Visits WHA Industrial Estates and Logistics Center



Mr. Natthapatt Tanboon-ek (2<sup>nd</sup> left), Chief Financial Officer of WHA Corporation PCL, warmly welcomed Ms. Tan Xuan (2<sup>nd</sup> right), Executive Director at Goldman Sachs (Singapore) during her recent visit to Thailand. She was provided with a comprehensive tour of WHA Eastern Seaboard Industrial Estate 1, Eastern Seaboard Industrial Estate (Rayong) and WHA Mega Logistics Center Bangna Trad KM. 18, as the WHA team explained WHA's industrial estate operations management, the Smart Eco concept, and utilities provision and services. Among the sustainable innovation projects in the tour were the water reclamation and wastewater treatment systems, power plants, and solar rooftop projects.

## HKETO Bangkok Executives Tour WHA Industrial Estates in the EEC

Ms. Ladda Rojanavilavudh (6<sup>th</sup> left), Vice President, Industrial Land & Building Customer Development at WHA Industrial Development PLC, and her team recently welcomed executives from the Hong Kong Economic and Trade Office (HKETO), Bangkok office, led by Director Mr. Lee Sheung-yuen (center) during their visit to the Eastern Economic Corridor. The guests were given an overview of WHA Industrial Development and a tour of WHA Chonburi Industrial Estate 2 (WHA CIE2) and WHA Eastern Seaboard Industrial Estate 2 (WHA ESIE 2), home of international companies such as SAIC Motor-CP Co., Ltd, manufacturer and distributor of MG cars.



## Taipei Economic and Cultural Office Visits WHA Industrial Estates in the EEC



Ms. Ladda Rojanavilavudh (3<sup>rd</sup> from right), Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, recently welcomed Mr. Nick Ni (4<sup>th</sup> from left), Director of the Economic Division of the Taipei Economic and Cultural Office in Thailand, and his team during their visit to WHA industrial estates in the EEC.

The group was given an overview picture of WHA's industrial estates development in Thailand, including its operations management, the Smart Eco concept, and utilities provision and services. After a visit to Primax Electronics (Thailand) Co., Ltd., a leading manufacturer of IT, electronic components and consumer products for many global leading companies, located in WHA Eastern Seaboard Industrial Estate 2 (WHA ESIE 2), the group also enjoyed a comprehensive tour of WHA's Ready Built Factory for rent in WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1).



# CUSTOMER NEWS

## WHA Joins MG Celebration Dinner for Thailand's Largest Solar Carpark Project

Ms. Jareeporn Jarukornsakul (6<sup>th</sup> right), Chairman and Group CEO of WHA Corporation PCL, Mr. David Nardone (5<sup>th</sup> right), Group Executive Industrial and International, WHA Industrial Development PLC, Mr. Vivat Jiratikarnsakul (4<sup>th</sup> right), Chief Operating Officer, Industrial and International, WHA Industrial Development PLC, Mr. Somkiat Masunthasuwun (3<sup>rd</sup> right), Chief Executive Officer of WHA Utilities and Power Public Company Limited, and many high-level executives from WHA Group, congratulated Mr. Zhang Haibo (7<sup>th</sup> left), President of SAIC Motor-CP Co., Ltd. and MG Sales (Thailand) Co., Ltd., during a dinner held to celebrate MG Solar Carpark, the largest project of its kind in Thailand.



Located at WHA Eastern Seaboard Industrial Estate 2, this renewable energy project covering a surface area of 54,190 sq.m. has the capacity to produce a total of 6.2 MW of green energy to help mitigate climate change. It will also provide protection from the sun for over 2,500 vehicles, ensuring that all brand-new MG cars are in perfect condition upon delivery to customers.

## GRIPM Advanced Materials Signs Land Purchase Agreement for New Factory at WHA ESIE 1



GRIPM Advanced Materials Co., Ltd., manufacturer of nonferrous metal powders, a subsidiary of GRIPM Group, recently signed a land purchase agreement for its new factory at WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1). The high-quality infrastructure featured at WHA ESIE 1, which includes stable power supply, a range of communications networks and world-class infrastructure, will allow the company to enhance productivity and expand its market in the region.

**In the picture:** Mr. Peng Liu (center), Executive Director, and Mr. Ning An (2<sup>nd</sup> right), General Manager, of GRIPM Advanced Materials Co., Ltd., signed the land purchase agreement for its new factory at WHA Eastern Seaboard Industrial Estate 1, with Ms. Ladda Rojanavilavudh (2<sup>nd</sup> left), Vice President, Industrial Land & Building Customer Development, WHA Industrial Development PLC.

# Quantum SPT Purchases Land in WHA Rayong 36 Industrial Estate to Expand Operations in the Region

Quantum SPT Co., Ltd., Australia-based manufacturer of ultra-high pressure electric servo pumps, recently purchased land at WHA Rayong 36 Industrial Estate, WHA Group's latest industrial estate in the Eastern Economic Corridor. The company will build a cutting-edge facility that will manufacture high-quality products that use green pumping technology.

During the signing ceremony, Ms. Ladda Rojanavilaivudh (center), Vice President, Industrial Land & Building Customer Development, and Mr. Kenichi Yuasa (2<sup>nd</sup> right), Director, Industrial Land Customer Development, WHA Industrial Development PLC, gave a warm welcome to Mr. Mario Schiller (2<sup>nd</sup> left), General Manager of Quantum SPT, WHA Rayong 36's first customer.



The future facility will enable the company to meet the growing demand of its customers in the region.

# Abby Furniture Manufacturing (Thailand) Finalizes Land Purchase Deal at WHA ESIE 1

Abby Furniture Manufacturing (Thailand) Co., Ltd. (AFM), maker of high-quality cat furniture and part of Ningbo Sincere Holding Group Co., Ltd., recently signed a land purchase agreement for a plot to build its new factory at WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1), Rayong province. Upon completion, the facility, with high quality standards and state-of-the-art machinery, will boost AFM's production capacity to meet the rising demand of customers in Thailand and the region.

**In the picture:** Mr. Vivat Jiratikarnsakul (3<sup>rd</sup> left), Chief Operating Officer, Industrial and International, WHA Industrial Development PLC, and Ms. Ladda Rojanavilaivudh (2<sup>nd</sup> left), Vice President, Industrial Land & Building Customer Development, WHA Industrial Development PLC, Mr. Rhee Wonhwa (3<sup>rd</sup> right), Managing Director, and Ms. Nantana Kasettham (2<sup>nd</sup> right), Vice President of Operations, Abby Furniture Manufacturing (Thailand), during the signing ceremony for the sale of land to build a new factory in the Eastern Economic Corridor.





# Grand Opening of Electrolux Professional New Facility at WHA RIL

Electrolux Professional (Thailand), part of the Electrolux Professional group, a leading global supplier of professional food preparation, beverage and laundry solutions to the hospitality industry, held the opening ceremony for its brand-new facility at WHA Rayong Industrial Land (WHA RIL) in the Eastern Economic Corridor. The modern site will utilize the latest technology to produce a wider range of high-quality products and increase the company's manufacturing footprint in the region.

**In the picture:** Mr. Pajongwit Pongsivapai (2<sup>nd</sup> left), Chief Operating Officer, WHA Corporation PCL, presented a welcome gift to celebrate the grand opening of the WHA RIL site to Mr Alberto Zanata (3<sup>rd</sup> left), CEO & President of Electrolux Professional, alongside Mr Daniel Nodhall (4<sup>th</sup> left), Board Member, Mr Richard Flynn (4<sup>th</sup> right), President of Food for Asia Pacific and Middle East and Africa, and executives from Electrolux Professional (Thailand) Co.,Ltd. including Plant Manager Mr Tommaso Origo (3<sup>rd</sup> right).



# Grand Opening Ceremony for Automatic Enterprise at ESIE



**In the picture:** Ms Ladda Rojanavilavudh (4<sup>th</sup> right), Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, presented a welcome gift to celebrate the grand opening of the new Automatic Enterprise plant at ESIE to Prof. Mok Kin Lun (center), Chairman of AML Holdings Ltd.

Automatic Enterprise (Thailand) Co., Ltd., provider of world-class engineered manufacturing solutions to customers in various industries and subsidiary of AML Holdings Ltd., recently held the grand opening ceremony of its new production plant located at Eastern Seaboard Industrial Estate (Rayong) (ESIE) in the Eastern Economic Corridor. Equipped with the latest technology, the Rayong facility will help the company increase its production capacity of innovative, high standard products and services to meet the increasing demand of its customers in the region.

# Groundbreaking Ceremony for Cardinal Health at WHA ESIE 4

Cardinal Health, global manufacturer and distributor of medical and laboratory products, and a provider of performance and data solutions for health care facilities, recently held the groundbreaking ceremony for its new world class facility at WHA Eastern Seaboard Industrial Estate 4 (WHA ESIE 4). Strategically located in the Eastern Economic Corridor (EEC), the new site will serve as a hub to meet the growing demand of Cardinal Health's local, regional and international customers.

**In the picture:** Ms. Ladda Rojanavilavudh (6<sup>th</sup> right), Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, joins Cardinal Health executives Mr. Satish Kuntamukkala (6<sup>th</sup> left), Vice President-Rayong 2, Mr. Thanabal Veerasamy (4<sup>th</sup> left), Managing Director-Rayong 1; Mr. Max Tan (5<sup>th</sup> left), Project Director-Rayong 2, and their team during the groundbreaking ceremony of the company's new facility at WHA Eastern Seaboard Industrial Estate 4 (WHA ESIE 4).





# Grand Opening Ceremony for Nihonichi Food (Thailand) at WHA Saraburi Industrial Land

Nihonichi Food (Thailand) Co., Ltd., a well-known manufacturer of frozen raw chicken skewers and roasting chicken skewers in Japan for more than 40 years, recently held the grand opening ceremony of its new production plant located at WHA Saraburi Industrial Land (WHA SIL) in Saraburi. As WHA SIL provides an ideal location for reaching destinations in Thailand's north, east and south, as well as Bangkok's two international airports, this newly-built facility will help the company increase its chicken meat production capacity to meet the rising demand of customers in the region.



**In the picture:** Ms. Ladda Rojanavilaivudh (5<sup>th</sup> left), Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, presented a gift to Mr. Someya Yukio (3<sup>rd</sup> right), President of Nihonichi Food (Thailand) Co., Ltd. during the grand opening ceremony of the company's new plant at WHA Saraburi Industrial Land (WHA SIL).

# WHAUP & BorgWarner Join Forces to Reduce Global Warming, Opening 700-kWp Solar Rooftop Project

Mr. Punrapee Noparumpa (center left), Director of Power Business Development at WHA Utilities and Power PLC (WHAUP), recently congratulated Mr. Gregory Michael Bastian (center right), Plant Manager of BorgWarner PDS (Thailand) Co., Ltd. and his team during the opening of the 700-BorgWarner factory solar rooftop project in the Eastern Seaboard Industrial Estate (Rayong). Invested and installed by WHAUP for selling electricity to BorgWarner under a 20-year power purchase agreement, this is an environmentally-friendly clean energy project which helps reduce up to 12,500 tons of CO<sub>2</sub> emissions. Moreover, the project will help BorgWarner save energy of up to 20,396,890 units throughout the contract and is in line with both companies' commitment to clean energy, with targets to reduce greenhouse gas emissions toward net zero emissions.



# VIETNAM CORNER

## HuaLi Industrial Group Signs Lease Agreement with WHA Industrial Zone Nghe An JSC to Expand New Manufacturing Plant

In July 2022, HuaLi Industrial Group finalized a land sublease agreement with WHA Industrial Zone Nghe An JSC to open a manufacturing facility in Nghe An. Founded in 1975, HuaLi Group quickly established itself as one of the world's leading manufacturers of international shoe brands. With the mission to provide the best shoe manufacturing process and innovative footwear solutions to enhance its customers' value and competitiveness, HuaLi Group has been constantly growing from its headquarters in Taiwan, and manufacturing plants in China, the Dominican Republic, and Vietnam with 3 development centers and 16 factories.

With a total investment capital of USD 43 million, HuaLi Group's footwear manufacturing and processing facility located at WHA Industrial Zone 1 – Nghe An is expected to produce and export a total of 13 million pairs of footwear per year and employ approximately 8,000 workers. This will contribute greatly to the country's economic development.



**In the picture:** Ms. Anchalee Prasertchand (4<sup>th</sup> left), Director - International, WHA Industrial Development PLC, Ms. Nguyen Thi Bich Lien (3<sup>rd</sup> left), General Director of WHA Industrial Zone Nghe An JSC, and Mr. Zhang Congyuan (center), President - HuaLi Industrial Group, Mr. Tseng Jung Huei, Vice President - HuaLi Industrial Group, finalized the agreement during the signing ceremony.

## Mien Trung FV Aluminium Signs MoU for Land Sublease at WHA Industrial Zone 1 – Nghe An to Expand Operations

Mien Trung FV Aluminium Co., Ltd., a reputable industrial aluminium manufacturer, recently signed a land sublease Memorandum of Understanding (MoU) that will enable the company to expand its existing operations at WHA Industrial Zone 1 – Nghe An. Construction for the project start at the end of 2022 with an investment capital of USD 6 million.

**In the picture:** Ms. Anchalee Prasertchand (2<sup>nd</sup> left), Director - WHA Industrial Development PLC, and Mr. Nguyen Duc Tue (center), Director of Mien Trung FV Aluminium Co., Ltd. during the MoU signing ceremony.





# Kyungshin Nghe An Co., Ltd Signs Land Sublease Agreement for New Factory at WHA Industrial Zone 1 – Nghe An

Kyungshin Nghe An Co., Ltd., a subsidiary of Kyungshin Corporation, recently signed a land sublease agreement for its new factory in WHA Industrial Zone 1 – Nghe An that will produce automotive wire harnesses, with a capacity of approximately 300,000 units per annum.

Ms. Anchalee Prasertchand (left), Director - International, WHA Industrial Development PLC, and Mr. Kwon Ki Hoon (right), General Director of Kyungshin Nghe An Co., Ltd., finalized the agreement during the signing ceremony.



## WHA Industrial Zone 1 – Nghe An Welcomes Compal Executives for Site Visit

WHA Industrial Zone 1 - Nghe An's representatives welcomed executives from Compal Electronics, Inc. (Compal), a Taiwan-based manufacturer of desktops, laptops, smartphones, servers, and other electronics products. The company's executives visited the site to explore land purchase and development opportunities to expand the business.

Compal's interest in WHA Industrial Zone 1 – Nghe An confirms the appeal of the northern province and its role in the formation of an electronics cluster, as part of Vietnam's Northern Technology Corridor. Thanks to the province's strategic location, its easy connection to air, sea and road transportation, plus a well-trained and skilled workforce, WHA Industrial Zone 1 – Nghe An's world-class infrastructure is attracting more and more international and local investors for further expansion.

In Vinh city, Mr. KC Chen, Senior Vice President, and Ms. Anchalee Prasertchand, (2<sup>nd</sup> left) Director - International, WHA Industrial Development PLC, were welcomed by Mr. Le Tien Tri, Director of Dong Nam Economic Zone Management Board, to exchange ideas and discuss the investment environment and conditions, as well as incentives for potential investors.

During the meeting, representatives of the tax and customs departments answered questions from Compal representatives, and offered their support and reassurance to future investors in Nghe An province.



**In the picture:** In the picture: Mr. KC Chen (2<sup>nd</sup> right), Senior Vice President of Compal Electronics, studies the location plan with Ms. Anchalee Prasertchand (2<sup>nd</sup> from left) Director - International, WHA Industrial Development PLC.





# Kyungshin Nghe An Holds Groundbreaking Ceremony for New Factory at WHA Industrial Zone 1 – Nghe An



Kyungshin Nghe An Co., Ltd recently held the groundbreaking ceremony for its new factory located at WHA Industrial Zone 1 – Nghe An, with a land area of 4.99 ha, and a total investment of USD 21 million.

WHA extends its warmest congratulations to Kyungshin Nghe An Co., Ltd., and its best wishes for a successful and prosperous future.

# WHAID Executive Invited as Guest Speaker for 20<sup>th</sup> Thai Overseas Investment Support Center (TOISC)



Ms. Anchalee Prasertchand, Director - International, WHA Industrial Development PLC, was recently invited by the Board of Investment of Thailand (BOI) as a guest speaker for the 20<sup>th</sup> Thai Overseas Investment Support Center (TOISC) training program. Speaking on the topic *Investment Opportunities in Vietnam*, Ms. Anchalee shed light on the current investment scene in Vietnam and explained how WHA Industrial Zone 1 – Nghe An has become one of the most attractive industrial zones in Vietnam for international investors in different sectors.

## WHAUP Delivers Wang Tanot Constructed Wetland Project in Chantaburi Nong Khla Subdistrict

WHA Utilities and Power PCL (WHAUP), in conjunction with the Industrial Estate Authority of Thailand (IEAT), Wang Tanot Watershed team, Nong Khla Subdistrict Municipal Office, Thai Industrial Estate and Strategic Partner Association, Water and Environment Institute for Sustainability, Federation of Thai Industries, and Map Ta Phut Plant Manager Club, recently held the inauguration of the Wang Tanot Constructed Wetland for wastewater treatment in Nong Khla Municipal Subdistrict, Chantaburi province.

Mr. Vivat Jiratikarnsakul, Chief Operating Officer, Industrial and International, WHA Industrial Development PLC, together with WHA UP executives Mr. Somkiat Masunthasuwun, Chief Executive Officer, Mr. Akarin Prathuangsit, Chief Operating Officer, and Mr. Varanon Laosuwan, Utilities Business Development Director, delivered the completed project to the Nong Khla Subdistrict Municipal Office in the presence of Mr. Pratheep Aengchuan, Deputy Governor, Industrial Estate Authority of Thailand (IEAT), Admiral Pichet



Tanaset, Chairman of the Sub-committee in charge of studying eastern river basin management, and Mr. Suthee Thongyaem, Governor of Chanthaburi. Also present were high-level officials from government organizations, representatives of associations, universities, and the community.

With a daily capacity of 400 cubic meters (cu.m.) at present, and up to 800 cu.m. in the future, the community wastewater management and treatment project was constructed by WHA Utilities and Power PLC, (WHAUP) under the *Clean Water for Planet* initiative, on a 15 rai plot of land. Wastewater from the Nong Khla community is treated biologically with a natural technology using plants such as typha and bird of paradise, and microorganisms to absorb organic substances. Also using solar energy, the project stresses the importance of environmental conservation and sustainability.

## WHA and Rayong Tasit Subdistrict Team Up for Joint Community Project for Sustainable Development



Representatives of WHA Corporation PCL (WHA Group), WHA Utilities and Power PLC (WHAUP), and the Tasit Subdistrict Administrative Organization in Rayong recently visited Kongkiat Textile Company in Saraburi province to observe its production facility that converts agricultural materials to natural textile fibers.





WHA Group, WHAUP and Tasit Subdistrict Administrative Organization are currently studying the possibility of creating a joint community project to recycle waste, such as water hyacinth and pineapple leaves, to make fibers for textiles. This sustainable project could create jobs, provide additional income for people, encourage self-sufficiency, and empower the community.

Visitors listened attentively to their host and guide who explained how agricultural waste is converted to organic fibers that are in demand from local and international buyers in search of high-quality materials. WHA Group, WHAUP and Tasit subdistrict representatives were shown some high-quality finished yarn and fiber used as raw materials by different industries.

## WHA Group Co-Hosts Walk-Run and Tree Planting Activities to Promote Health and Environmental Awareness

To celebrate Her Majesty Queen Sirikit, the Queen Mother's 90<sup>th</sup> birthday on 12 August, WHA Group, Industrial Estate Authority of Thailand (IEAT) and WHA industrial estate customers jointly organized a 5 km walk-run event to promote health and well-being. Over 350 participants joined the early morning walk-run at Nongplalai Reservoir in Pluakdaeng, Rayong, followed by a tree-planting project to support environmental conservation, prevent greenhouse effects, and reduce global warming.



Participants planted a total of 2,800 gurjan, bamboo and yellow trumpet flower tree saplings, expected to offset 59,586 kgs of CO<sub>2</sub> in 3 years. Proceeds from the event will be donated to Pluakdaeng Hospital to purchase medical equipment.

## WHA Group Holds 10<sup>th</sup> Art Camp for Teachers at Eastern Seaboard Industrial Estate (Rayong)



WHA Group recently held its 10<sup>th</sup> Annual Art Camp for Teachers at Eastern Seaboard Industrial Estate (Rayong). During this 4-day event, 26 teachers from 14 schools in Rayong and Chonburi provinces joined activities to develop their art skills and to learn the importance of preserving natural resources. WHA Group's *Clean Water for Planet* project was presented to the teachers so they, in turn, can explain water preservation to their students.

This year, participants joined a trip to the Pluak Daeng Development and Service Center under Royal Initiative, in Rayong province, to discover the teachings of H.M. the late King Rama IX and the history of Dokkrai Reservoir. Moreover, 5,000 fish were released into the water to help maintain the balance of the ecosystem.



# CSR ARTICLE

## WHA Group Aims to Enhance Life Quality of Thai Youths by Granting Scholarships to Work-Study Vocational Students for 11<sup>th</sup> Consecutive Year

**WHA Corporation PCL. (WHA Group), in collaboration with Rayong's Ban Khai Technical College,** recognizing the importance of promoting talented youths who may lack financial resources, aims to facilitate a better future and career growth for them. For the 11th consecutive year, it is providing scholarships to work-study vocational students to complete their vocational certificates, diploma/high vocational certificate, and university studies. Since the start of the project, WHA Group has given out scholarships to 102 students. These scholarships will help promote educational opportunities for the youths and foster labor development as the key to drive Eastern Economic Corridor (EEC) development projects. WHA Group also helps coordinate with customers in WHA industrial estates by providing opportunities for these scholarship students to take an internship during their studies.

**Today, Thailand's labor market,** including industrial estates, needs more labor and most of the quality workforce are students from vocational colleges and universities. However, many talented students may lack funds to further their studies. Hence, WHA Group considers that the scholarships for these youths can help develop and build a successful career as well as driving high-quality labor for the Thai labor market in the future. More importantly, WHA Group is involved in nurturing talented youths who will be ready to drive businesses in various factories in WHA industrial estates.



**Ms. Jareeporn Jarukornsakul,** Chairman and Group CEO of WHA Corporation PCL, said, "WHA Group is proud to take part of a great project like this and would like to thank all the companies that participated in this special vocational training program, which gives students the opportunity to experience and practice professional skills in the real world. In line with WHA's mission to create an ecosystem in the industrial estate, this program not only helps the affiliated company management teams to pass on knowledge and develop labor skills to students but also a door to accept these students for a full-time job in the future if they have passed the skill requirements. In addition, this could help develop communities in the Eastern Seaboard area as well as enhancing Thailand's industrial growth. Thus, Thailand will be one of the top industrial countries in the region."





**WHA Group, Thailand's leader** in logistics and industrial estates, utilities & power and digital platform, sees the benefits of the bilateral vocational education program to students, affiliated companies, local communities and to the country from developing skills of the people. The scholarship students can experience hands-on work and find out whether they like what they are doing, along with learning theory in college. This also allows them to apply modern equipment and technologies from working in real life.

In addition, this program promotes the education of Thai youths which is a great foundation to develop the country's economy and social aspects. Thus, this is an important mission of WHA Group in social sustainability under a long-term principle of corporate governance.



**Mr. Prateep Chulalert,**

School Director of Ban Khai Technical College said, "Ban Khai Technical College's vision is to provide our students with good jobs and with the necessary knowledge after graduating, so they can move forward and develop the country as well as passing on this knowledge to the next generation. This will greatly drive the growth of the industry and the well-being of people in society."

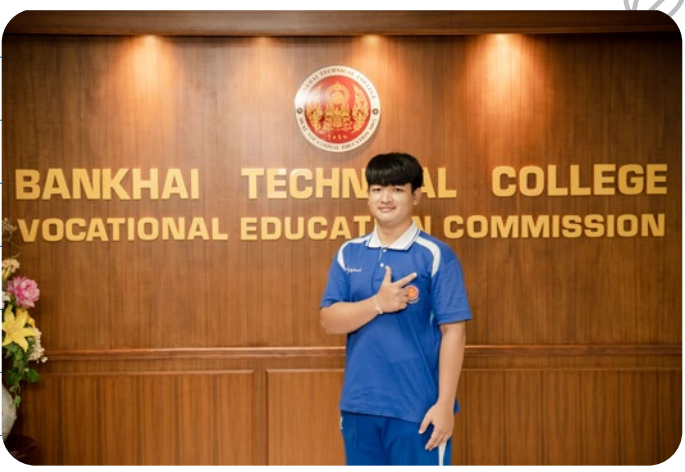


**Mr. Yossapon Inchan,** a teacher from Ban Khai Technical College said, "I would like to wish all scholarship students to stay committed, diligent and maintain their intention to continue learning and grow as good citizens for society and the country. I would also like to thank WHA Group for offering these scholarships to our students, as this provides great opportunities for them to further their studies as well as to get an internship with WHA-affiliated companies, which will help them build the experience needed to be successful in the future."



**Mr. Arthit Damkrathok,**

a student representative who received a scholarship from WHA Group, said, "I am delighted, proud and honored to be given such a great opportunity. I am currently studying manufacturing and have a goal to work abroad in the future to receive a good income to support my family back home. I would like to thank WHA again for providing me and my friends with these scholarships which will help create fundamentals for our success in the future. I will continue to study hard and try to achieve what I have dreamed of."





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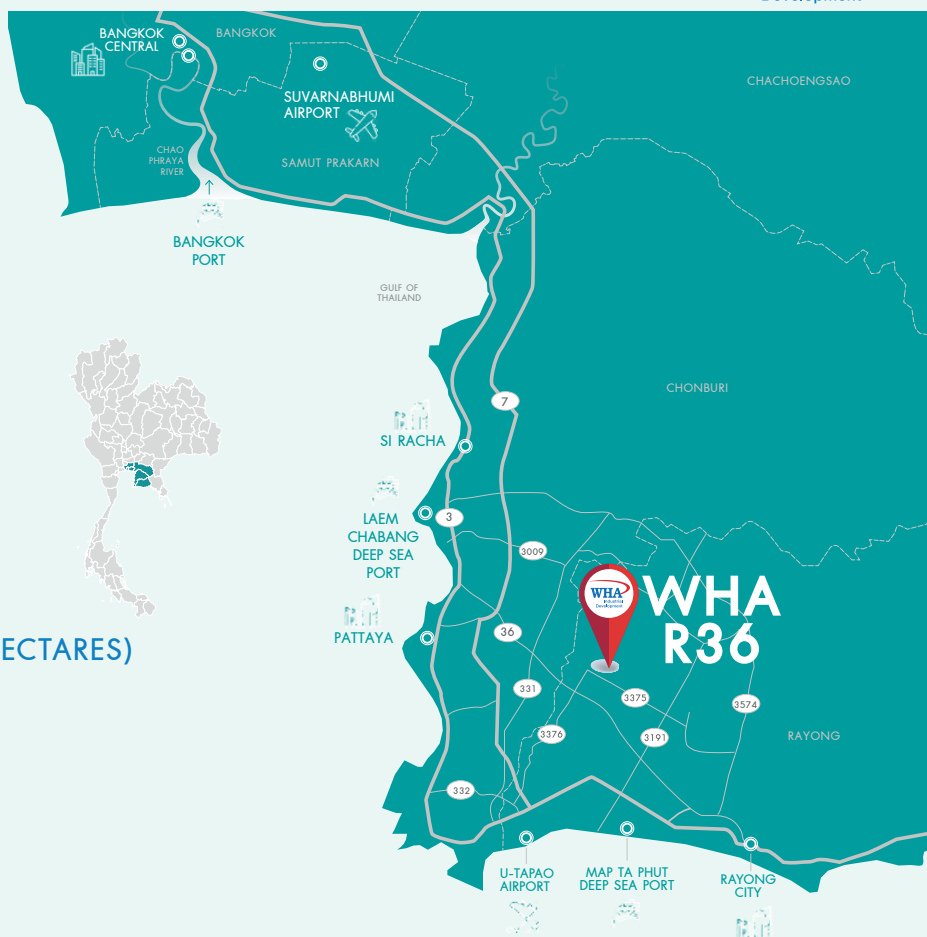
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