

# WHA... Newsletter CONNECT:



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## WHA : WE SHAPE THE FUTURE The Ultimate Solution For Sustainable Growth



LOGISTICS



INDUSTRIAL DEVELOPMENT



UTILITIES AND POWER



DIGITAL SOLUTIONS

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## GROUP CEO TALK

### WHA's DNA and Destiny: Shaping the Future in Sustainability

Sustainability is an important goal every sector must work on – and it is not an option, but a way of survival. These are strong sentiments but they outline the clear path ahead for the company. If there is no sustainability, how does the younger generation continue on?

Development for sustainable growth is the way forward, and WHA will be part of shaping the future. Prosperity, arising out of creating careers and increased incomes, will lead to a better quality of living overall in society. Where the byline of WHA Group's mission was previously 'The Ultimate Solution', sustainability has come to the forefront and the company has now adopted and added 'For Sustainable Growth' to complete its mission statement and outlook.

WHA Group are committed to operating business with the conservation and restoration of the environment. We developed wastewater treatment systems in the form of artificial ponds, and used plants and microorganisms for further wastewater treatment. This idea was adopted from a royal project of His Majesty the Late King Rama IX. In addition, each industrial estate has been designed not to block the natural flow of water, so WHA industrial estates have never experienced flooding problems.

In terms of energy, WHA continues to develop new businesses aligned with the ESG (Environmental, Social and Governance) concept. One example is peer-to-peer energy trading via the RENEX energy trading platform, using Blockchain technology to foster renewable-energy trading efficiency and security of transactions between electricity producers and consumers. This led the company to announce a goal of reducing greenhouse gas emissions to net zero by 2050, while WHA Group has achieved carbon neutrality since 2021.

We aim to develop WHA into a technology company by 2024 under the Mission To The Sun program, which has adopted both technological practices and sustainability goals (UN SDGs) to the business plan, including green logistics, circular, digital health tech and digital assets (Metaverse) to our business principles. Moreover, we do not view sustainability as a matter of having no choice, but it is a new business opportunity that creates both income and a better world – this is in WHA's DNA.

The company has the ability to control communication, transportation, security and the environment for both production and wastewater treatment, which are connected to WHA's central control center (Unified Operations Center (UOC) at WHA Tower headquarters in Bangna, allowing real-time monitoring of various environmental conditions.

Throughout its history, the company has created various projects and activities to continuously develop better well-being of communities, including educational, social and environmental aspects. This led to forming WHA's culture which is embedded throughout the organization.

More than 80% of WHA clients are investors from around the world, and comprehensively include ESG into the investment process, thus allowing WHA to draw large amounts of investment into the country. Furthermore, WHA has increasingly gained sustainable credentials by receiving awards such as 'The Sustainability Excellence Award' in the category of Commended Sustainability and 'The Business Excellence Award' in the category of Best Innovative Company from the SET (Stock Exchange Thailand) in 2022. More recently, the company was certified by S&P Global, as announced in the Sustainability Yearbook Member 2023. WHA has also received the Prime Minister Award: Innovation for Global Challenge in the field of competitiveness, amongst other rewards.

The future hasn't happened yet, but it can be designed as we desire, and today's success is a snapshot of the future – the future of WHA's story and active participation in envisioning and shaping a sustainable future.

**Ms. Jareeporn Jarukornsakul**

Chairman of the Executive Committee and Group CEO of WHA Corporation PCL



## WHA Group launches 'WE SHAPE THE FUTURE' campaign for sustainable future via strategic deployment of 4 business hubs Confident of achieving 2023 growth target



WHA Group recently announced the WHA: WE SHAPE THE FUTURE campaign aimed at creating a sustainable future for Thailand by leveraging the capacity of its four business hubs: Logistics, Industrial Development, Utilities and Power, and Digital Solutions, all of which delivered a strong performance in the first half of 2023. The company also unveiled the strategic plan deployed for all business hubs to move forward and achieve 2023 targets, along with continuing the Mission to the Sun program to become a technology company as planned in 2024, with proven success from material progress of 3 pilot projects in Green Logistics, Digital Health Tech and Circular Economy.

Ms Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL (WHA Group), revealed that the campaign was conceived to reflect WHA Group's commitment to being a creator contributing to the country's prosperity, career and income opportunities for people. With the aim of improving quality of life and society, including all the way to the ultimate goal of sustainable growth for the Thai economy, it is ambitious and confident in its scope. "We can achieve this by leveraging the robust, fully-integrated ecosystem built on the 4 business hubs of WHA Group," Ms. Jareeporn outlines, "to develop innovative business and industrial solutions that create business opportunities for investors and industries, while enhancing Thailand's competitive edge to emerge as the

world's best investment destination for international investors. Attracting foreign direct investment (FDI), we believe, plays a pivotal role in driving Thailand forward with economic efficiency and sustainability."

The concept of WHA: WE SHAPE THE FUTURE builds on WHA Group's long-standing approach on sustainable development implemented since its inception, aligning with the Group's business direction to become "The Ultimate Solution for Sustainable Growth". The framework to achieve this aspiration is built on the foundation of good corporate governance, human capital as the strategic enabler and key driving forces including digital transformation and natural resources conservation, to create long-term sustainable value and growth for the company, as well as all stakeholders.

WHA Group continued to advance its Mission to The Sun program, consisting of nine projects to create new products and services and to strengthen the development of the organization and its workforce as it is transforming into a technology company in 2024. Currently, three core projects with material progress include Green Logistics, Digital Health Tech and Circular Economy:

- **Green Logistics** promotes the use of green technology across the logistics business to enhance the efficiency of energy consumption and lower Thailand's overall logistics costs long term, with

implementation of electronic vehicles (EV) fleet for transportation, EV charging station using renewable energy, and digital control tower solutions to manage EV operation, among other initiatives.

- **Digital Health Tech** improves access to healthcare services and solutions with the development of WHAbit, a digital healthcare application offering a wide range of health services via partnerships including Samitivej Hospital. Users can enjoy holistic health management with ease of accessibility to their health records anytime anywhere, with online consultations via video call with a medical professional for diagnosis and other benefits.
- **Circular Economy** collects ideas from each business hub that promote the use of resources for optimal benefit with the Group's ecosystem, enhance working efficiency and productivity in the work process, as well as translating into a viable business opportunity for the company, such as turning industrial waste from one factory into raw materials for another or supplying industrial waste to waste-to-energy power plants.

In the first half of 2023, WHA Group posted an outstanding performance with a total revenue and share of profit of THB 5.6 billion, an increase of 27% and a net profit of THB 1.39 billion, an increase of 46% compared to the same period last year. The growth reflected a strong performance across all four business hubs, particularly the Industrial Development business which reported better-than-expected results, leading the company to increase 2023 year-end targets from those set earlier.

**WHA's Logistics business** continues to pursue its expansion in Thailand while seeking new opportunities in Vietnam, with focus on high-growth industries like EV, e-commerce and new S-curve businesses, long-term partnerships and implementation of digital innovations and sustainable practices across all operations, including green logistics and green building certification. WHA Logistics sets 2023 year-end target for new projects and contracts to reach 200,000 sq.m. and total assets under ownership and management to reach 2,900,000 sq.m.

**WHA's Office Solutions business** continues to expand office building projects in prime locations of Bangkok, currently accounting for 5 projects with a total area of over 120,000 sq.m. The business unit is also venturing into new types of commercial property like a 3,000 sq.m. lifestyle retail space near BTS Surasak Station on Sathorn Road set to be launched in early 2024, and a 6,900 sq.m. medical center for a specialized hospital on Sathorn Road now under construction.

**WHA's Industrial Development business** extends its leadership in Thailand and has broadened its national presence in Vietnam, while enlarging its product offering with advanced smart-eco industrial estates and high-value industrial projects. WHA Industrial Development currently has 13 industrial estates under operation in Thailand and Vietnam, with a total area of 71,300 rai. Currently, there is one upcoming industrial estate and 3 expansion projects in Thailand, totaling an area of 5,700 rai. In Vietnam, the company is currently accelerating the construction of WHA Industrial Zone Nghe An Phase 2, covering an area of 2,215 rai, to meet the rising demand for industrial land, and seeking investment licenses for two additional industrial estate projects. Benefiting from ongoing relocation of investment capital, the company raises 2023 year-end land sale target in Thailand and Vietnam to 2,750 rai, from 1,750 rai as announced earlier this year.

**WHA's Utilities & Power businesses: The Utilities business** continues to grow along with the Group's industrial estates. A new water treatment plant and wastewater treatment facility is under construction in WHA Industrial Estate Rayong (WHA IER), with a total water distribution capacity of 3 million cubic meters (cu.m) and wastewater treatment capacity of 1.9 million cu.m per year, with commercial operations starting in the last quarter of 2023. The business hub also continues to expand products and solutions focusing on value-added water products, as well as seeks to capture opportunities outside WHA's industrial estates. The company recently secured two contracts to supply premium clarified water to major customers in WHA Eastern Seaboard Industrial Estate 4 (WHA ESIE 4) with a combined contracted volume of 4.6 million cu.m per year. The 2023 year-end target for supplying industrial water, value-added water as well as wastewater treatment volume is set at total of 168 million cu.m. The Power business aims to enlarge its portfolio in Thailand, expand in Vietnam and explore new markets overseas, and continue to implement innovative and sustainable practices while seeking new opportunities in new S-Curve businesses such as battery energy storage systems (BESS), green hydrogen, carbon trading and carbon capture utilization and storage (CCUS). By end of 2023, the company expects to sign several new private Power Purchase Agreements (PPA) projects for solar rooftop with a total cumulative power generation capacity of 192 MW and targeted cumulative renewable energy capacity of 300 MW, leading to a total of 847 equity MW of total secured PPA.

**WHA's Digital business** continues to lead digital transformation initiatives within WHA Group, empowering business operations of all business units to achieve strong growth, as well as seeking new partners in the technology sector. In addition, WHA Digital collaborates with 3 other business hubs of WHA Group to create new value-added products and services driven by technologies, such as solar monitoring dashboard and performance detection devices, analytic tools, automation, and smart devices for water distribution system, along with continuous improvement of digital health tech solution WHAbit, with the second version released in 2023 featuring data visualization and personal health data analysis.

"With the overall economic trend anticipating positive direction in the second half of the year, we are confident that we will achieve our 2023 year-end business targets. Meanwhile we will continue to strengthen our capacity across key business dimensions to become a technology company in 2024, as well as move forward with WHA: WE SHAPE THE FUTURE to be a part of creating a stable and sustainable future for people, society and Thailand, in line with WHA Group's business direction to become 'The Ultimate Solution for Sustainable Growth', concluded Ms. Jareeporn.

## WHA Group Wins 2 Prestigious Awards at SET Awards 2023: WHA Receives Best Sustainability Awards and WHAUP Earns Commended Sustainability Awards Reaffirming its Sustainability-Integrated Operations



**In the picture:** Ms. Jareeporn Jarukornsakul (Center), Chairman of the Executive Committee and Group CEO of WHA Corporation PCL, Mr. Somkiat Masunthasuwun (second right), Chief Executive Officer, WHA Utilities and Power Public Company Limited, with the executive management team, receiving SET Awards 2023 from the Stock Exchange of Thailand.

WHA Group received 2 prestigious SET Awards 2023 in the Sustainability Excellence category from the Stock Exchange of Thailand (SET), with WHA Corporation Public Company Ltd winning Best Sustainability Awards, and WHA Utilities and Power Public Company Ltd winning Commended Sustainability Awards respectively. The SET Awards 2023 ceremony was held at the Stock Exchange of Thailand (SET), in collaboration with *Money & Banking* magazine.

"We are delighted to receive two SET Awards 2023. This achievement stands as a testimony to the success of our long-standing commitment to sustainable development in all aspects, in line with WHA Group's mission to become 'The Ultimate Solution for Sustainable Growth'," said Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL. "Our strategic planning and sustainable business operations have been strictly conducted according to the ESG (environmental, social and governance) framework. We have also placed utmost importance on disclosing accurate and complete information to build public confidence in terms of our corporate management efficiency, transparency, competitiveness, and ability to generate long-term returns."

WHA Group is committed to conducting business along with creating sustainable growth together with all stakeholders throughout its value chain, with good corporate governance and effective risk management practices, as well as social and environmental sustainability seamlessly weaved into business processes.

The Group is committed to integrating the principles of the UN Global Compact (UNGC) into the company's strategy and culture, while taking a pivotal role in driving the achievement of the United Nations Sustainable Development Goals (SDGs) by implementing its sustainability goals in line with international standards in every aspect.

The company aims to promote the principles of human rights and equality, as well as human resource development and implements digital transformation to create sustainable value and growth, all whilst striving to make truly positive impacts and mitigate negative impacts on the environment. For instance, WHA's sustainable and efficient water management minimizes reliance on natural water sources in business operations by enhancing the ability of wastewater treatment and continuing to develop value-added products through wastewater reclamation. The company also promotes the use of renewable energy, innovation and technology that

help to combat global warming and reduces greenhouse gas emissions.

WHA Group has already achieved carbon neutrality since 2021, thanks to its total power purchase agreements based on shareholding percentage from renewable power plants of 179 megawatts, with power production capacity in commercial operation of 106 megawatts and continuing renewable energy capacity expansion. The Group commits to achieving net zero greenhouse gas emissions by 2050.

Meanwhile, WHA Group continues to advance its *Mission to the Sun* program to strengthen the development of the organization and its workforce as it is turning to a technology company in 2024. Currently, core projects with substantial progress include the Green Logistics project, which introduces a new concept of managing logistics activities with aims to increase competitiveness through reducing logistics costs in the long term while lessening the impact on the natural environment by promoting the use of green technology and clean energy in logistics to enhance the efficiency of energy consumption and lower environmental pollution. The Circular project promotes the use of resources for optimal benefit within the Group's ecosystem.

To build on WHA Group's long-standing approach on sustainable development, the mission of WHA: WE SHAPE THE FUTURE was conceived in 2023 to reflect its commitment to being a creator of prosperity, career advancement and income opportunities for people as well as a better quality of life and society, all the way to the ultimate goal – long-term sustainable growth for the Thai economy.

Throughout the years, WHA Group has initiated several community projects to help support people in all sectors of society to make progress every day as well as create opportunities for them to access life's essentials for a better quality of life to grow together in a sustainable manner. With a strong stamina to achieve the sustainable development goals, the Group is included in the SET ESG Ratings 2023 (previously known as Thailand Sustainability Investment or THSI) for the 4th consecutive year, with this year being ranked with the highest SET ESG rating by the Stock Exchange of Thailand (SET).

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# WHA Seals Significant FDI with Changan Auto SEA to Develop EV Production Base for Worldwide Export at WHA ESIE 4

*First Phase Project Value: Over THB 8.8 billion*



WHA Industrial Development PLC, a subsidiary of WHA Group, announced today the signing of a land purchase agreement with Changan Auto Southeast Asia Co., Ltd, a subsidiary of Changan Automobile, for a 250-rai (99-acre) plot at WHA Industrial Estate Eastern Seaboard 4 (WHA ESIE 4) in the Eastern Economic Corridor (EEC) to set up an electric vehicle manufacturing plant. The deal marks a significant foreign direct investment (FDI) of 2023, reaffirming Thailand's outstanding potential and integrated investment promotion approach as well as the recognized standard of WHA Group's Smart Eco-Industrial Estate fully equipped with advanced infrastructure and environmental management system that make it one of the world's best industrial estates to target industries of the future. The partnership also stands for further progress in driving Thailand towards becoming a fully integrated leading global EV hub.

The momentous signing ceremony was witnessed by Ms. Zhang Xiaoxiao, Counsellor, Economical and Commercial Office, from the Embassy of People's Republic of China in the Kingdom of Thailand, as Honorable Guest. The agreement was signed by Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL, together with Mr. Shen Xinghua, MD of Changan Auto Southeast Asia Co., Ltd., MD and President of Changan Auto sales (Thailand) Co. Ltd. and witnessed by other executives of both companies.

Mr. Shen said that "It is our pleasure to sign the purchase agreement for land in WHA ESIE 4 under the BOI's support to establish an electric vehicle manufacturing plant in Thailand. The key reason for making this significant investment decision is our confidence in Thailand, and WHA ESIE 4 is the perfect choice thanks to its strategic location and the reputation of WHA Group as a leading industrial estate developer in the region. WHA ESIE 4 checks all the boxes with its outstanding location in the EEC-promoted zones for target industries, a quality workforce, world-class utilities and services, as well as high-quality transportation facilities and infrastructure. In addition, WHA Group also plays a crucial role in the expansion of the automotive cluster in the EEC. All of these are essential factors that support our investment decision."

"We plan to allocate over THB 8.8 billion in the first phase of investment to set up a production base for right-hand drive vehicles, including BEV (battery electric vehicles), PHEV (plug-in electric vehicles) and REEV (range extended EV) to penetrate the Thai market and export to ASEAN, Australia, New Zealand, England and South Africa. "With an initial production capacity of 100,000 vehicles per year, the plant is expected to start operation in 2025," added Mr. Shen.

"We extend our gratitude to Changan Auto Southeast Asia for placing their trust in WHA Group as part of their plan to establish a new EV production hub base in Thailand," said Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL. "The signing of this agreement marks one great public-private partnership achievement of the year in promoting Thailand's future automotive industry and economic development, while also proving that the country is a major desirable destination in Asia for foreign investment in high-tech industries."

WHA ESIE 4 is WHA Group's 9th industrial estate in Thailand, covering an area of 2,443 rai (965 acres or 391 hectares), including future extensions. Its strategic location in the EEC is highly accessible and conducive to

the export of goods to various regions across the world by land, sea and air transportation. Designed and developed based on WHA's Smart Eco Industrial Estate concept, WHA ESIE 4 is equipped with world-class infrastructure and utility systems, state-of-the-art digital technology and innovations in communications, transportation, security, environmental control, production and wastewater treatment, all of which are connected to WHA's Unified Operations Center (UOC) at WHA Tower Headquarters in Bangna, allowing the company to monitor the results of all relevant environmental parameters in real time. This is in line with the WHA Group's mission to become 'The Ultimate Solution to Sustainable Growth'."

The investment in the production of EVs in Thailand by many of the world's leading EV manufacturers has resulted in a continual expansion of the automotive cluster in the EEC over the past few years. Currently, the investment value of EV manufacturers from China in Thailand is more than USD 1.44 billion. This also drives Thailand to become a major EV production hub in Southeast Asia and has testified to the country's readiness to emerge as a global

EV hub. So far, the BOI has approved 23 EV production plant projects from 16 manufacturers. By 2030, EVs will account for 30% of Thailand's total vehicle production, or 725,000 units per year.

**"The investment of Changan Auto Southeast Asia in Thailand is a significant move that accentuates the role of Thailand in the EV industry on the global stage.**

This reflects the confidence of Changan Auto Southeast Asia towards Thailand in terms of infrastructure, market potential, proactive policy to promote EV industry and integrated logistics and supply chain to accommodate the value chain. WHA Group is keen to support the government policies, especially the national strategic plan to drive Thailand towards becoming the world's major production hub for EVs and EV parts, as well as the expansion of an EV charging station network and the production of EV batteries in order to build a complete EV ecosystem and achieve the goal of zero-emission vehicles by 2030. This undoubtedly aligns with WHA Group's commitment to achieve net-zero greenhouse gas emissions by 2050," added Ms. Jareeporn.

## WHA Group Joins Forces with Partners to Push Thailand Forward to Become Digital Gateway of ASEAN



Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL (WHA Group) signed a memorandum of cooperation with leading corporate partners in Thailand to drive Thailand's technology ecosystem to grow as well as pushing Thailand to become the digital gateway of Southeast Asia. This collaboration will support trade, investment, and innovative business development to compete and grow in the world market.

The MoU signing ceremony consists of leading organizations including Techsauce Media Co., Ltd., The Siam Cement PLC, Beryl 8 Plus PLC, True Digital Park Co., Ltd., Thai Startup Association, Export-Import Bank of Thailand, Digital Economy Promotion Agency, United Overseas Bank (Thai) PLC, KASIKORNBANK PLC, and WHA Corporation PCL.

## WHA Group and WHAIR Pleased to be Recognized in 2023 ESG Emerging and ESG100; WHART Shines for Fifth Consecutive Year in ESG100

WHA Corporation (WHA Group) PCL is pleased that ThaiPat Institute has recognized WHA Group and WHA Industrial Leasehold Real Estate Investment Trust (WHAIR) as one of the top 15 securities in the ESG Emerging List, out of 888 companies, funds, and investment trusts. Both WHA Group and WHAIR have also made their debut in the ESG100 Index. Meanwhile, WHA Premium Growth Freehold and Leasehold Real Estate Investment Trust (WHART) continues to demonstrate remarkable performance, securing its position in the 2023 ESG 100 investment trusts for the fifth consecutive year. The achievements reaffirm the unwavering commitment of WHA Group and its affiliated companies to develop sustainable business practices and create long-term investment return opportunities.

Mr. Natthapatt Tanboon-ek, Chief Financial Officer of WHA Corporation PCL, revealed that ThaiPat Institute, by its ESG Rating unit, the pioneer in the development of Thailand's corporate sustainability database and the annual ESG100 list, has compiled the 2023 ESG Emerging list to recognize promising ESG performers on the Thai stock market. The institute has reviewed 888 companies, funds and investment trusts using ESG information (Environment, Social, and Governance). This year, WHA Group and WHA Industrial Leasehold Real Estate Investment Trust (WHAIR) have been recognized as one of the top 15 securities in the 2023 ESG Emerging List and made their debut in the ESG100 for the first time. The selection is based on publicly available ESG data disclosed by the company and meets ThaiPat Institute's preliminary screening criteria of the ESG100 securities, following the CORE Framework principles, which aim to increase long-term investment returns for investors.

## WHAUP Starts Commercial Operations of 19.44 MW Prinx Chengshan Solar Rooftop Project Phase 1; Signs 4.80 MW Phase 2 Contract

On December 20, 2018, Prinx Chengshan Tire (Thailand) Co., Ltd. was the first overseas production base of Prinx Chengshan Holding Co., Ltd., and is located at WHA Eastern Seaboard Industrial Estate 3, in the Eastern Economic Corridor (EEC).

Meanwhile, WHART Premium Growth Freehold and Leasehold Real Estate Investment Trust (REIT), which is the largest industrial REIT in Thailand and manages leasable area of over 1.74 million square meters, has also been recognized as an investment-worthy fund in the 2023 ESG100 for the fifth consecutive year.

The inclusion of WHA Group, WHART and WHAIR in the ESG 100 Securities, as investment-worthy entities, reflects the group's continuous commitment to fostering sustainability across its four business hubs: Logistics, Industrial Development, Utilities and Power, and Digital. This dedication aims to ensure customer satisfaction and boost the confidence of investors who would consider sustainable investment, by taking account of all ESG aspects including environment, social, and governance. The interests of all stakeholders are also taken into consideration. These principles have always been of paramount importance to the company, and it continues to uphold the standards of sustainable operations.

Mr. Natthapatt concluded that WHA Group is poised to take the lead in harnessing technology and innovation to drive sustainable development of its products and services, under Mission to the Sun which will be beneficial to all stakeholders, including customers, employees, shareholders, business partners, and Thai society at large. Key projects under Mission to the Sun include green logistics, digital twin, digital healthcare, and circular initiatives. With these strategic endeavors, the company is confident that it will transform into a technology company by 2024.

Prinx Chengshan Tire (Thailand) Co., Ltd. is a modern tire factory, focusing on the R & D and manufacturing and sales of green, safe, high-quality and high-performance PCR (passenger car radial) tires and TBR (truck, bus and radial) tires. Currently, the annual capacity of PCR is 8 million pieces and TBR is 2 million pieces.



**In the picture:** Ms. Jareeporn Jarukornsakul (center left), Chairman of the Executive Committee and Group CEO of WHA Corporation PCL, together with Mr. Somkiat Masunthasuwun (left), CEO of WHA Utilities and Power PLC, and Mr. Zhang You Gan (center right), Managing Director of Prinx Chengshan Tire (Thailand) Co., Ltd., together with Mr. Wang Bing (right) Vice Managing Director of Prinx Chengshan Tire (Thailand) Co., Ltd., a subsidiary of Chengshan Group from China, jointly signed a Power Purchase Agreement for Phase 2 of the company's solar rooftop system, with a capacity of 4.80 MW. The new agreement was signed after the Solar Rooftop Project Phase 1, with a capacity of 19.44 MW, began commercial operations in May 2023. The project's success reinforces WHAUP as the operator of Thailand's biggest solar rooftop project with a combined capacity of 24.24 MW.

WHA Utilities and Power Public Company Limited (WHAUP) has started the sale and distribution of electricity from the first phase of the Solar Rooftop project to Prinx Chengshan Tire (Thailand) Co., Ltd., a leading tire producer and distributor from China, representing a capacity of 19.44 MW. It has also signed a Power Purchase Agreement for the second phase, with 4.80 MW capacity, for a total capacity of 24.24 MW. The tire facility is located at WHA Eastern Seaboard Industrial Estate 3 (WHA ESIE 3), in the Eastern Economic Corridor (EEC). CEO Mr. Somkiat Masunthasuwun announced that WHAUP's collaboration with Prinx Chengshan Tire (Thailand) emphasizes its capability to operate the largest solar rooftop project in Thailand. The company's CO<sup>2</sup> emissions will be offset by 445,251 tons for the 25-year contract period.

The company also recently signed a Power Purchase Agreement for the second phase of Solar Rooftop at Prinx Chengshan Tire (Thailand), with a capacity of 4.80 MW. Covering a rooftop area of 40,000 square meters, Phase 2 is expected to be completed by 2024. This reflects the customer's trust in WHAUP since it relocated its production in 2018 to a 280-rai facility in WHA ESIE 3. Meanwhile, the success of this project with a combined capacity of 24.24 MW reinforces WHAUP's position as

Thailand's largest solar rooftop builder and operator, and reflects its ability to provide integrated solar rooftop installation services. With Phases 1 and 2, CO<sup>2</sup> emissions will be offset by 445,251 tons for the 25-year contract period.

"This solar project will make the total electricity-generating capacity, based on WHAUP's shareholding equity, exceed 703.19 MW. Moreover, WHAUP is determined to be a leading provider of renewable and developing energy innovations. It will move forward with investments in the solar power business, together with the development of technology, which will help drive the industry towards sustainable growth."

Meanwhile, Mr. Zhang You Gan, Managing Director of Prinx Chengshan Tire (Thailand) Co., Ltd., a subsidiary of Chengshan Group, said he was pleased to sign the Power Purchase Agreement for the Solar Rooftop Project Phase 2 with a capacity of 4.80 MW. "Actively responding to the national development philosophy of green, low-carbon and high-quality, and the philosophy of a 'green Silk Road', Prinx Chengshan Holding Co., Ltd. is dedicated to building green factories at home and overseas. The company deeply integrates green industry and traditional manufacturing industry with practical deeds, and ensures ecological safety. Now that the first phase has been completed and has been successfully put into operations, the continuing collaboration with WHAUP will enable Prinx Chengshan Tire (Thailand) to generate a total of 24.24 MW using solar power. The new project will enhance our green development partnership, and further promote a community of life for people and nature."

"This solar rooftop project will benefit both parties and help the environment in the long term," he continued. "Moreover, it will help Prinx Chengshan achieve its goal to reduce energy costs and contribute in protecting the environment. With the first phase, CO<sup>2</sup> emissions will be offset by 357,118 tons throughout the 25-year contract period. With the second phase, CO<sup>2</sup> emission will be offset by 88,133 tons, while reducing global warming and the greenhouse effect".

# CUSTOMER SHOWCASE

## WHA Receives Honorary Award for Chief Innovation Officer

WHA Corporation PCL (WHA Group) and WHA Utilities and Power PLC were recently awarded Chief Innovation Officer by the National Innovation Agency. The coveted award is given to Thai organizations that promote Thailand's innovation ecosystem and support the country to become a 'Nation of Innovation'. Dr. Pun-Arj Chairatana (left), Executive Director of the National Innovation Board of Thailand, presented a souvenir pin and a Certificate of Honor to Mr. Nunsilp Janvarin (right), Acting Chief Executive Officer of WHA Digital Co., Ltd. and Vice President - Information and Technology, WHA Corporation PCL, at the ceremony at Park Hyatt Bangkok.



As a strong supporter of Thailand's national policies to foster economic growth, WHA Group has continued to support Thailand's enterprise ecosystem and innovation system. The company is moving forward using technology and innovation for product development and new services under its Mission to the Sun project, which will benefit the Group's stakeholders, including customers, employees, shareholders, business partners and the wider Thai community. Key projects include green logistics, digital twin, digital healthcare, and the circular economy. With this

strategy, the company is confident to transform into a tech company by 2024. WHA Group is committed to making positive changes to the environment, society and the economy, reinforcing its intention to be 'The Ultimate Solution for Sustainable Growth.'

## WHAUP Sold Out Debentures-Green Bonds Worth THB 3.5 Billion, Reflecting Investor Confidence in the Company

WHA Utilities and Power Public Company Limited (WHAUP) has successfully offered debentures, worth a total of THB 3.5 billion including Green Bonds worth THB 500 million. Institutional investors and high net worth investors warmly welcomed and subscribed to WHAUP's debenture with confidence in the company's business potential and fundamentals, reaffirming its leadership in utilities and power businesses along with its commitments on environment and sustainability.

Mr. Somkiat Masunthasuwun, Chief Executive Officer of WHA Utilities and Power Public Company Limited (WHAUP), revealed that the company has been highly successful in the offering of debentures No. 2/ 2023 for an amount of THB 3.5 billion to institutional investors and high net worth investors. The subscription period, held during 12-14 May 2023, was arranged by two underwriters - Kasikorn Bank and Bank of Ayutthaya. The debentures consist of two tranches: Tranche 1 is a regular debenture of THB 3 billion with 3-year maturity and a fixed 3.26% coupon rate per annum; Tranche 2 is for Green Bonds valued a total of THB 500 million, with 5-year maturity and a fixed 3.55% rate per annum.

For the proceeds from the debenture issuance, the funds raised from the Green Bonds worth THB 500 million will be used to fund the company's investments

in existing solar energy-related projects. The remainder will be used to pay off existing debts with due balance and reserve as working capital.

The success in debenture issuance reflects investor's confidence in the company's business fundamentals and financial strengths, as well as its growth potential. It also stresses the company's commitment to do business with environmental concerns and strive towards sustainable development. The company's debentures have been assigned a credit rating of A- with 'stable' outlook by TRIS Rating Co., Ltd. This reflects the company's operating performance, business outlook, financial strengths, and steady cash flow.

WHAUP CEO Mr. Somkiat noted that the company will continue developing businesses, both utilities and power in Thailand and abroad. It will also stay focused on utilizing intelligent technologies and innovations that can enhance products and services for customers such as new utilities and renewable energy, especially solar energy, and other clean energy solutions. This reaffirms the company's leadership in the fully integrated utilities and power businesses while having strong commitments in building business with sustainable growth together with all stakeholders.

## Embracing Clean Solar Energy: Megabagna Shopping Centre's Green Revolution by WHA Solar



In the age of environmental consciousness, Megabagna Shopping Centre has emerged as a beacon of sustainable development. This colossal shopping center, sprawling over approximately 400 rai, has made remarkable strides in harnessing clean solar energy to reduce its carbon footprint and energize its community. With a resounding investment of THB 1 billion, Megabagna has ventured into energy conservation and the expansion of green spaces to create a more sustainable and eco-friendly environment for its patrons.

### Clean Solar Energy Takes Centre Stage

Megabagna's commitment to sustainability has found a powerful ally in the WHA Solar team from WHA Utilities and Power PLC. This dedicated team supplies the shopping centre with clean solar energy through their innovative Solar Rooftop Power Service by WHA Utilities and Power Plc. The project encompasses 13 buildings, totaling a staggering 62,000 square meters, and boasts a substantial installed capacity of approximately 9.9 megawatts.

Following installation, the clean solar energy directly powers Megabagna's electrical system, illuminating its lighting systems, enhancing cooling mechanisms, fortifying security systems, and energizing its diverse facilities such as restaurants, cinemas, and tutoring centers. This far-reaching initiative ensures that all users within Megabagna can tap into the vast reserves of clean, sustainable energy.

### The Clean Energy Journey

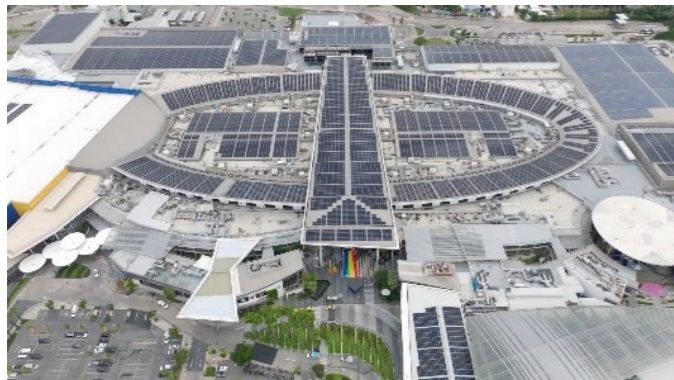
WHA Solar initiated the project by conducting comprehensive site surveys, assessing the area, and drafting preliminary designs. These elements are amalgamated into a comprehensive clean power proposal, which was subsequently presented to Megabagna for approval. Upon consideration, a Power Purchase Agreement (PPA) was signed, marking the official commencement of the solar energy venture.

Once the agreement is in place, WHA Solar diligently secured permissions from relevant government agencies

or authorities. Once all necessary permits were obtained, they began the direct supply of electricity to Megabangna's power grid.

To monitor the production capacity or daily electricity generation, an application developed by WHA Solar accompanies the system, providing real-time data and insights into the solar energy production.

### Sustaining Efficiency Through Maintenance



Efficiency is at the forefront of the solar energy project. WHA Solar maintains our own operations team to manage after-sales services, which includes routine maintenance, system inspections, and panel cleaning. This holistic approach ensures the seamless operation of the system, all orchestrated through the real-time solar monitoring platform.

Developed by WHA Group, this platform serves as the nerve center for monitoring various projects, including Megabangna's clean solar energy initiative. With over 120 projects and installations boasting a collective capacity of 180 megawatts, the platform consolidates data from diverse customers. WHA Solar's Operations team uses this centralized platform to assess various parameters, including electricity production and light intensity values. When issues arise, the Operations team is promptly alerted, facilitating swift resolution and minimal disruption.

### The Environmental Impact

Megabangna's commitment to clean solar energy has reaped substantial rewards. The solar rooftop system is estimated to help reduce the shopping centre's electricity costs by over THB 1.040 million over the 25-year of solar power production. This is equivalent to mitigating the emission of approximately 210,592 million tons of carbon dioxide. This environmental benefit is akin

to planting a staggering 600,000 trees, thus offsetting the impact of carbon emissions.

### Joining the Green Revolution

Patrons of Megabangna Shopping Centre not only enjoy products and services powered by clean solar energy but also become active participants in the collective effort to combat global warming. This shared commitment to sustainability not only benefits the environment but also enhances the shopping center's reputation as a responsible corporate entity.

### WHA Solar: Pioneering a Green Future

WHA Solar takes immense pride in its role as a clean energy provider, contributing to the creation of a sustainable and resilient community. Committed to environmentally friendly businesses, WHA Solar is paving the way towards achieving net-zero emissions.

Megabangna Shopping Centre's embrace of clean solar energy not only exemplifies a sustainable future but also serves as an inspiring example for other businesses looking to make the transition to clean energy and reduce their environmental footprint. The path to sustainability begins with initiatives like this, heralding a brighter and cleaner future for us all.

WHA : WE SHAPE THE FUTURE

For more information about WHA Solar, please contact us at [marketing@wha-group.com](mailto:marketing@wha-group.com) or visit our website at <https://www.wha-up.com/en/power/solar-power/calculation>

# NEWSCAST WHA GROUP

## WHA Group Holds Stone Laying Ceremony at WHA Mega Logistics Center Bangna-Trad KM. 23



**In the picture:** Ms. Jareeporn Jarukornsakul (centre left), Chairman of the Executive Committee and Group Chief Executive Officer, WHA Corporation PCL, Mr. Ihab El Dessouky (3<sup>rd</sup> from left) Regional General Manager Asia Pacific of Dynapac Road Equipment (Thailand), Mr. Pajongwit Pongsivapai, (center right) Chief Operating Officer, WHA Corporation PCL, Mr. Bordin Harnvanich (3<sup>rd</sup> from left) Vice President, Logistics Operations, WHA Corporation PCL, Mr. Chairin Netipiraphong (left), Director Of Business Development, WHA Corporation PCL, and Mr. Yothin Tharahirunchot, (2<sup>nd</sup> from left) Chief Operating Officer, B.S.Y. Construction Public Company Limited, attended the recent stone laying ceremony.

WHA Group, led by Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group Chief Executive Officer, WHA Corporation PCL, recently held a stone laying ceremony at its new WHA Mega Logistics Center Bangna-Trad KM.23 (inbound). With a total building area of over 46,000 square meters, the new Built-to-Suit facility is equipped with cutting edge

logistics technology to meet customer demand for fully integrated services and solutions.

WHA Group also officially welcomed Dynapac Road Equipment (Thailand), a leading supplier of high-tech soil and asphalt rollers, pavers and compact equipment, for a built-to-suit office, warehouse, workshop and training center.



## Webasto Finalizes Built-to-Suit Warehouse Lease Agreement at WHA Mega Logistics Center Theparak Km. 21 to Expand Its Automotive Business in Thailand



**In the picture:** Mr. Natthapatt Tanboon-ek (center), Chief Financial Officer of WHA Corporation PCL, Mr. Joerg Sandmann (6<sup>th</sup> right), President & EVP Region Asia Pacific, Webasto Group, and Mr. Chairin Netipiraphong (5<sup>th</sup> left), Director of Business Development of WHA Corporation PCL, along with other executives from both companies during the lease agreement signing ceremony for a built-to-suit warehouse facility at WHA Tower.

Webasto, one of the 100 largest suppliers to the automotive sector worldwide with headquarters in Stockdorf near Munich (Germany), recently signed a 10-year lease agreement for a 13,083-sq.m. Built-to-Suit warehouse facility at WHA Mega Logistics Center Theparak Km. 21. The new site will enable Webasto to enhance its capacity to supply automotive roof systems to meet the increasing demand of customers in Thailand.

The WHA Mega Logistics Center Theparak Km. 21 project is a mixed-use and duty-free logistics center that provides Built-to-Suit warehouses and factories from 5,000 to 100,000 sq.m. to meet various needs of customers, including e-commerce businesses, product manufacturers, showrooms and training centers.

## Flexible Solutions for Growing Businesses WHA Group and IWG Launching Versatile Workspace for Rent: Regus at WHA Tower



**In the picture:** Ms. Jareeporn Jarukornsakul (right), Chairman of the Executive Committee and Group Chief Executive Officer, WHA Corporation Public Company Limited, and Mr. Thitiwat Thanapornnithinan (left), Country Manager of IWG PLC.

WHA Corporation PCL in collaboration with IWG PLC, the provider of flexible workspace solutions, are thrilled to announce the launch of its workspace solution. This new

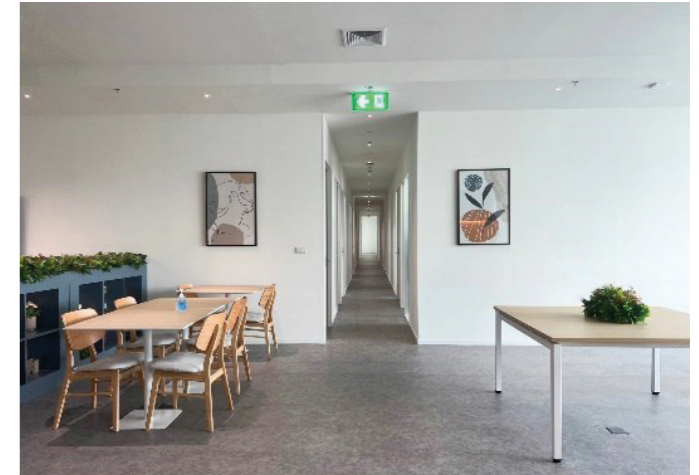


offering aims to provide businesses of all sizes with a professional, flexible and inspiring environment to thrive and grow.

With over 826 sq.m., Regus at WHA Tower offers office space which is thoughtfully designed to accommodate various work styles and team sizes, and co-working

space that is equipped with essential amenities, such as ergonomic office furniture and a business lounge to ensure a seamless and productive work environment. Virtual offices are also available to help growing organizations build a credible business presence.

Regus at WHA Tower is located at WHA Tower at Bangna KM. 7. This new building complex is equipped with the most advanced technologies and convenient transportation that will enable the site to expand its customer base in Thailand and the region, and accelerate growth and expansion plans.



## Tissin Food (Thailand) Finalizes Land Purchase Agreement at WHA CIE 1

Tissin Food (Thailand) Co., Ltd., a manufacturer and distributor of chocolate and cocoa products, recently signed the land purchase agreement to build a new manufacturing plant in the Free Zone of WHA Chonburi Industrial Estate 1 (WHA CIE 1). With this investment in Thailand, the company aims to complement its existing operations in China and Indonesia, by focusing 90% on the export market and 10% on domestic sales.

**In the picture:** Ms. Ladda Rojanavilavudh (center left), Executive Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, and Mr. Liu Yiping (center right), Director, Tissin Food (Thailand), during the contract signing ceremony at WHA Tower.



## Sincere Pet Industrial Finalizes Land Purchase Agreement at WHA ESIE 1

Sincere Pet Industrial (Thailand) Co., Ltd., a high-quality pet toys manufacturer under China's Ningbo Sincere Holding Group Co., Ltd., China, has recently signed a land purchase agreement with WHA Industrial Development PLC. The acquired land spans an area of approximately 20 rai, utilized for the construction of a new factory specializing in the production of various pet toys, particularly rubber toys, primarily destined for export to Europe and America. Construction of the factory is scheduled to start early next year.

**In the picture:** Ms. Ladda Rojanavilavudh (center left), Executive Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, and Mr. Lu Wenguang (center), Director of Sincere Pet Industrial (Thailand) Co., Ltd., with other company executives during the contract signing ceremony at WHA Tower



## Bestrend New Material (Thailand) Finalized Land Purchase Agreement at WHA Industrial Estate Rayong



Bestrend New Material (Thailand) Co., Ltd., a manufacturer and distributor of PVC floor tiles, wall panels, and PVC panels from China, recently finalized a land purchase agreement with WHA Industrial Development PLC. Bestrend's remarkable move intends to establish a new factory spanning 50 rai at WHA Industrial Estate Rayong, the latest WHA's industrial estate located in Ban Khai district, Rayong province. This factory will serve as an important production hub for Bestrend outside China and aims to enhance the company's expansion into both domestic and international markets.

**In the picture:** Ms. Ladda Rojanavilaivudh (left), Executive Vice President, Industrial Land & Building Customer Development, WHA Industrial Development PLC, and Mr. Ji Kai Xiang (right), Managing Director of Bestrend New Material (Thailand) Co., Ltd. during the contract signing ceremony at WHA Tower.

## Xingye Rubber and Plastic Electronic Technology Inks Land Purchase Deal for New Plant in WHA ESIE 3



Xingye Rubber and Plastic Electronic Technology Co., Ltd., a Chinese manufacturer of packaging products, plastic products, electronic components, metal wire and steel components, and mold components, has crossed a major business milestone. Xingye recently signed a contract with WHA Industrial Development PLC. to purchase land at WHA Eastern Seaboard Industrial Estate 3 (WHA ESIE 3), located in the Eastern Economic Corridor (EEC). This will be Xingye's first plant in Southeast Asia. The facility will produce air conditioner accessories.

**In the picture:** Ms. Ladda Rojanavilaivudh (center left), Executive Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, and Ms. Yu Jiangbo (center right), Director of Xingye Rubber and Plastic Electronic Technology Co., Ltd., during the contract signing ceremony at WHA Tower.

## Hongli Auto Parts (Thailand) Finalizes Land Purchase Deal at WHA ESIE 1

Hongli Auto Parts (Thailand) Co., Ltd., a manufacturer of automotive parts including chassis parts, axel, suspension, and other parts from Zhejiang, China, has

recently signed a land purchase agreement with WHA Industrial Development PLC to expand its new factory on an area of over 12,000 square meters. The new factory

is located in WHA Eastern Seaboard Industrial Estate 1, which will be a key production base for automotive parts in Southeast Asia. The factory will serve both the Thai market and export to China on behalf of several well-known and established electric vehicle companies. The new factory will start construction in early 2024.

**In the picture:** Ms. Ladda Rojanavilaivudh (center left), Executive Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, and Mr. Zheng Jie Wen (center right), Managing Director of Hongli Auto Parts (Thailand) alongside executives at both companies during the contract signing ceremony at WHA Tower.



## Skywalk Breaks Ground for New Plant in WHA Eastern Seaboard Industrial Estate 4

WHA Industrial Development PLC recently extended their congratulations to Skywalk Company Limited, a manufacturer and distributor of printing paper, paper bags, paper cards and paper boxes, on the occasion of the groundbreaking ceremony for the new plant at WHA Eastern Seaboard Industrial Estate 4 (WHA ESIE 4). Spanning an area of 9 rai, this facility aims to be a production hub exporting to US and EU markets, with an expected productivity capacity of up to 1.5 million units per day. It is scheduled to start production around April 2024.

**In the picture:** Ms. Mayuree Dabutr (2<sup>nd</sup> left), Senior site superintendent, WHA Industrial Development PLC, presented a congratulatory bouquet to Mr. Yi Feixiang (3<sup>rd</sup> left), Director of Skywalk Company Limited, during the groundbreaking ceremony for its first project at WHA ESIE 4

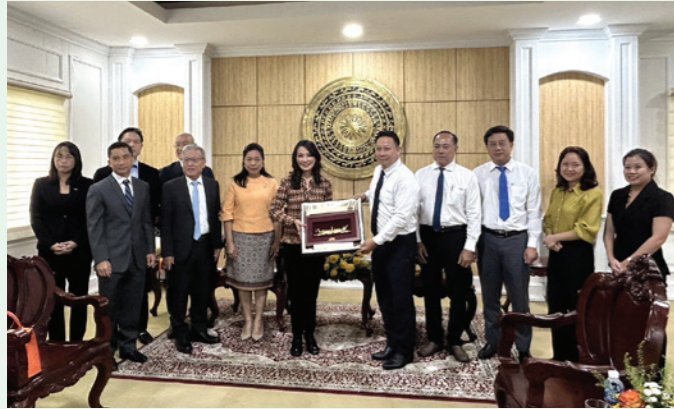


## Hengyuan Home Furnishing (Thailand) Breaks Ground for First Plant in ASEAN at WHA ESIE 3

Ms. Ladda Rojanavilaivudh (center right), Executive Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, presents a congratulatory bouquet to Mr. Xiaofeng Xu (center left), President of Hengyuan Home Furnishing (Thailand), on the occasion of a groundbreaking ceremony for its first plant in ASEAN at WHA Eastern Seaboard Industrial Estate 3 (WHA ESIE 3). With operations expected to start in Q2 2024, the factory will manufacture plastic bathroom products.



## WHA Group Executives Accompany Consul-General of Royal Thai Consulate-General in Ho Chi Minh City to visit Chairman of Tay Ninh Provincial People's Committee



Ms. Wiraka Moodhitaporn, the Consul-General of the Royal Thai Consulate-General in Ho Chi Minh City (6th left), joined forces with Ms. Jareeporn Jarukornsakul (center-left), Chairman of the Executive Committee and Group CEO of WHA Corporation Public Company Limited, alongside other WHA Group executives. At this momentous meeting, WHA Group's leadership unveiled a vision and presented a comprehensive overview and an ambitious investment plan in Tay Ninh province to Mr. Nguyen Thanh Ngoc (center-right), Chairman of Tay Ninh Provincial People's Committee.

## WHA Industrial Zone 1- Nghe AN joined the 1<sup>st</sup> "Meet Thailand" Conference at Dong Ha City, Quang Tri Province



*In the picture:* WHA's representatives join Meet Thailand. event

On the occasion of the 47<sup>th</sup> anniversary of the establishment of diplomatic relations (1976-2023) and a decade of the empowering Vietnam-Thailand strategic partnership (2013-2023), the People's Committee of Quang Tri province in collaboration. With the Ministry of Foreign Affairs and Thai Embassy in Vietnam to host a conference "Meet Thailand" on August 3-4, 2023, at Dong Ha City, Quang Tri province.



*In the picture:* Thai Ambassador to Vietnam H.E Mr. Nikordej Balankura visits WHA's booth

WHA Industrial Zone 1 - Nghe An represented Thailand's excellence. Within the framework of the conference, Thai Ambassador to Vietnam, H.E Mr. Nikordej Balankura, graced WHA's exhibition booth with his presence.

The conference highlighted discussions on renewable energy and high-tech agriculture" and "promoting supply chain integration through East-West Economic Corridor (EWEC).

## WHA Industrial Zone Nghe An JSC Provides Financial Support around VND 70 million in Nghe An district

WHA Industrial Zone Nghe An JSC has once again extended a helping hand to three dynamic hamlets in Nghi Thuan commune, located in the heart of Nghe An district. In collaboration with Nghi Thuan Commune People's Committee, WHA Industrial Zone Nghe An JSC donated around VND 70 million to Khanh Thien, Nam Nhan Hoa, and Bac Nhan Hoa hamlets.

Mr. Ngo Khắc Toan, Senior Manager of WHA Nghe An, presented financial support of VND 40 million for renovating the concrete road at Long Thuan cemetery in Khanh Thien hamlet. Additionally, the grant contributed VND 30 million to the construction of a cultural facility for the Cultural House of Nam Nhan Hoa hamlet and Bac Nha Hao hamlets.



## Koyu Textile Vietnam Marks New Innovation Era with New Factory at WHA Industrial Zone 1 - Nghe An



Ms. Anchalee Prasertchand (Center), Vice President, International Customer Development, WHA Industrial Development PLC, and Ms. Nguyen Thi Bich Lien (2<sup>nd</sup> left), General Director, WHA Industrial Zone Nghe An JSC along with other senior managers, recently congratulated Mr. Kamada Masatsugu (2<sup>nd</sup> right), General Director, Koyu Textile Vietnam Co., Ltd., during the grand opening ceremony for its new plant at WHA Industrial Zone 1 - Nghe An with environmentally-sustainable production systems that meet Japan's rigid quality standards.

The Koyu Textile Vietnam project includes a total investment of approximately VND 230 billion, by producing knitted and crocheted clothes including socks and tights, with a design capacity of 22.4 million items per year.

The Footwear Factory project will make a tangible contribution to the development of sustainable industrial production, job creation, and the transfer of advanced technology and professional management practices from Japan to Vietnamese employees.

## WHA Group Joins Dr. Somyos Anantaprayoon Foundation to Support Solar Rooftops Installation for School in Rayong Province Under the “Shine Brighter with WHA” Project



Recently, Ms. Jareeporn Jarukornsakul, Chairman of the Executive Committee and Group CEO of WHA Corporation PCL or WHA Group, the Dr. Somyos Anantaprayoon Foundation along with executives and WHA Group employees joined in delivering solar rooftop and sports equipment to Nikhom Sang Ton Eng School in Rayong Province 9 under the *Shine Brighter with WHA* project to promote the use of clean energy and reduce the school’s utility costs so the education budget can be allocated to teaching and learning more efficiently.



*Shine Brighter with WHA* was initiated according to the founding purpose of Dr. Somyos Anantaprayoon Foundation’s supporting the health and education of students in Thailand together with WHA Group in developing a good quality of life for youth and people in the communities surrounding the WHA industrial estates.



In the solar rooftop donation ceremony, 5 activities were organized for students to promote creative learning outside the classroom through real experiences, including Activity 1: Clean and safe drinking water management; Activity 2: Clean energy from solar; Activity 3: Incident response, Fire Prevention, Activity 4: Waste management with the WeCycle project, Activity 5: Creative use of social media, Activity 6: Prevention of sexual harassment and dangers from cigarettes.



WHA Group is committed to continuing this project to reinforce one of its important brand promise – human progress. In other words, the development of personnel in all sectors of society to create social and economic development. In line with *WHA: WE SHAPE THE FUTURE* campaign that aims to create a sustainable future for society, we believe that if there is no personnel development, society or even the nation cannot survive.

## WHA ESIE 2 & WHA ESIE 3 Receive Outstanding Award at EIA Monitoring Awards 2023



**In the picture:** Mr. Pajongwit Pongsivapai (left), Chief Operating Officer, WHA Industrial Development PLC, on behalf of WHA ESIE 3, accepted the Outstanding Award from Mr. Jatuporn Buruspat (right), Permanent Secretary of Natural Resources and Environment



**In the picture:** Mr. Rakphol Kangnoy (left), Director, Industrial Estate Operations, WHA Industrial Development PLC, on behalf of WHA ESIE 2, accepted the Outstanding Award from Mr. Jatuporn Buruspat (right), Permanent Secretary of Natural Resources and Environment.

WHA Eastern Seaboard Industrial Estate 2 (WHA ESIE 2) and WHA Eastern Seaboard Industrial Estate 3 (WHA ESIE 3) recently received Outstanding Awards during the Environmental Impact Assessment (EIA) Monitoring Awards 2023, highlighting the company’s solid environmental management, in line with EIA’s 2023 report. This is to highlight the organization’s responsibility for environmental management and focus on sustainable business development.

## WHA Industrial Estates Receive 6 Eco Industrial Town Awards at the ECO Innovation Forum 2023

WHA, Thailand’s leading fully integrated industrial solutions provider, recently achieved a notable milestone by winning six Eco Industrial Town Awards at the ECO Innovation Forum 2023, the biggest environmental innovation conference and exhibition in Thailand, organized by the Ministry of Industry, the Industrial Estate Authority of Thailand (IEAT) together with the Water and Environment Institute for Sustainability, and the Federation of Thai Industries with the theme “**MIND INSPIRE for Eco 2023**”. The focus was on showcasing innovative technologies aimed at addressing environmental challenges and fostering sustainable development. The awards were presented during the event held at the Grand Ballroom Hall, BITEC Exhibition and Convention Center. WHA Industrial Development Public Company Limited was honored with multiple awards on this occasion.

1. Eco – Excellence Category: WHA Chonburi Industrial Estate 1
2. Eco – Excellence Category: WHA Eastern Industrial Estate (Map Ta Phut)
3. Eco – Champion Category: Eastern Seaboard Industrial Estate (Rayong)
4. Eco – Champion Category: WHA Chonburi Industrial Estate 2
5. Maintenance System Category: WHA Eastern Seaboard Industrial Estate 2
6. Maintenance System Category: WHA Eastern Seaboard Industrial Estate 1



WHA remains dedicated and resolute in upholding its long-standing commitment to both business development and environmental protection, striving to inspire the creation of a sustainable and thriving society as our brand promise “WHA: The Ultimate Solution for Sustainable Growth”.

## WHA Group Joins Forces with IEAT to Plant Trees in “Let’s Zero Together” Project



Executives and employees of WHA Corporation PCL (WHA Group) recently participated in the forest planting activity *Let’s Zero Together, Planting for a Sustainable Future*, organized by the Industrial Estate Authority of Thailand (IEAT) at WHA Industrial Estate Eastern Seaboard 2 (WHA ESIE 2). With a total of 14,550 trees on an area of 99 rai, this tree planting activity can reduce greenhouse gas emissions of 131 tons of carbon dioxide released into the

environment and is in line with the company’s mission of being truly committed to net zero emissions.

WHA Group has been caring for surrounding communities by addressing their development needs. It demonstrates its commitment by initiating and supporting various activities to promote education, health and sports, safety and environmental protection for the well-being of the community.

# CSR ARTICLES

## WHA Group Adheres to ESG Principles to Connect with Communities and Create Sustainable Growth

WHA Group honors its commitment to communities by launching programs and activities that improve the lives of the people and promote sustainable living. It takes pride in building binding relationships with community members by encouraging interaction and communication so that together they can address ways to foster development. WHA Group believes in applying the concept of environmental, social, and corporate governance (ESG) and working in harmony with all stakeholders to fulfill its engagement.



### Health and Well-being

With COVID-19 relatively under control but still among us, it is important for community members to remain cautious and continue to apply preventive measures. WHA Utilities and Power (WHAUP) and WHA Industrial Development (WHAID) donated medical supplies to the 60th Anniversary Commemoration of Princess Mother Health Center in Chonburi, to enable the efficient testing of those at high risk of contracting the virus.

Meanwhile, to help maintain the blood supply at the Rayong Provincial Red Cross Chapter, Eastern Seaboard Industrial Estate (Rayong) (ESIE) organized blood collection activities in an effort to save lives. WHAUP and ESIE were present to assist the Pluak Daeng District Office raise money for charitable activities and promote a health program for the elderly in collaboration with Pluak Daeng Subdistrict Administrative Organization.



### Education: Learning for Life

WHA Group is aware of the importance of education as it enables young members of society to reach their dreams and secure a stable future. WHA Industrial Estate Rayong (WHA IER) awarded scholarships to deserving students from the Nong Bua and Bangbut subdistricts, so they can find good jobs in the future and help their families.

In Chonburi, the Group funded the repair of ceilings and classrooms at Baan Chalermklarp School and helped renovate equipment, building structures and landscaped areas in Ban Raweng School to ensure a safer and greener learning environment.





To encourage young students to develop their potential beyond academic learning and instill the value of teamwork and camaraderie, WHA Group participated in a project to encourage art and sports at Ban Muen Chit School in Chonburi. It also donated sporting equipment to Ban Khao Khan Song School in Chonburi and sponsored sports competitions for the Khao Khan Song Subdistrict Administrative Organization.

The Group also recognizes the importance of agriculture for the country's economic development. It organized a program at Chonburi's Banmablumbit School where students were given hands-on experience on an actual farm, and supported the Zero Waste project at Eastern Sugar Company Community School in Rayong province to explain the benefits of waste segregation and recycling.

## Caring for the Environment

A healthy environment is the basis of a sound economy that could lead to security and a happier community. WHA Group initiated a tree planting project for Nong Suea Chang Subdistrict Administrative Organization in Chonburi to increase the green areas that could help reduce smoke and dust pollution. It also organized a project to eliminate weeds in water sources in Baan Chalermklarp, Chonburi. The company funded the purchase of plastic bins to teach people how to segregate household waste and make the community cleaner.



## Community Projects and Activities

WHA Group launched the Speed Hump project in Ban Chalermklarp, Chonburi to help slow down vehicles on the road and reduce accidents. The company also supported the Khlong Mappu Creek Dredging Project in Chonburi, to prevent flooding. Both companies also supported volunteer police projects at Khlong Kiew Police Station to build good relations with government agencies and to support police officers who provide public order and security around the industrial estates. Moreover, the companies also joined the Khao Khan Song Sub-district to continue the annual merit-making tradition and to participate in activities with senior citizens.



WHA Group participated in the village development volunteer project at Rayong's Ban Chak Mahat and installed air conditioners in the Volunteer Center of the Civil Defense Department lab in Rayong. It also showed its generosity by preparing and distributing relief packages to residents of the Pluak Daeng Subdistrict, contributing funds to develop tourist attractions in the area, and supporting the Pluak Daeng Subdistrict Administrative Organization project to improve employees' quality of life.



WHA's industrial estates continuously welcome local administrative officials, management and business delegations, volunteers and other visitors, to explain their operations and demonstrate the environment management systems and other sustainable projects in place.

By listening to shared concerns and working closely with representatives and leaders of different civic and social groups, associations and foundations, WHA Group strives to help all members of the community, from young students who study to ensure a brighter future,

to the elderly who continue to be part of society. With the principles of ESG in its framework, WHA Group aims to work towards sustainability to build a harmonious relationship. Working together will help lay a strong foundation for a strong and successful community.

## Upholding Thai Values and Traditions

To preserve Thai cultural and religious traditions, WHA Group participated in community projects at Khao Khan Song Subdistrict Administrative Organization in Chonburi. It organized merit-making ceremonies at different temples in the area, attended by many members of the community. The Group also participated in the 95th anniversary Muthitachit Ceremony for Luang Pu San at Wat Lahan Yai, while residents joined merit-making activities for the 43rd anniversary of the Ban Khao Hin School.

The company participated in the Loi Krathong festivities of different communities to carry on the tradition and to build good relationships with the people. In addition, it participated in buffalo racing festivals in Ban Map Khla, Ban Surasak and Ban Mab Lambid (Chonburi), and joined Chonburi's Khao Khan Song Subdistrict Administrative Organization for a project to instill a love of nature, environment, culture and Thainess.





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