



June 2020, Vol. 47: No.2



### **Group CEO Talk**

Digital Healthcare: Top Megatrends Applied Globally

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Volvo Cars (Thailand) Leases WHA-KPN Mega Logistics Center

WHAUP and PEA Sign MoU on ERC Sandbox Project

Spiber (Thailand) Ltd.

Mass Producing Structural Protein into a Unique Sustainability Solution

Bringing Electric Bicycles
to Thailand and Southeast Asia



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# GROUP CEO TALK

## DIGITAL HEALTHCARE



Ms. Jareeporn Jarukornsakul Chairman and Group CEO WHA Corporation PCL

In the digital era, technology and innovation have played a vital role in shaping the way we live. The role of digital technology as an instrument of economic and social development is widely recognized today. The recent trend of digital disruption has already transformed the healthcare landscape worldwide; however, COVID-19 has forced the biggest acceleration in adoption of digital healthcare. According to many experts, although the pandemic will eventually decrease when enough people successfully develop an immunity, this novel coronavirus is still likely to end up becoming endemic or a disease that regularly infects humans and never really disappears. Likewise, this once-in-a-lifetime pandemic will not be our last outbreak and as a result, digital technology has become more important than ever before.

Digital healthcare is one of the top megatrends applied by governments around the world aiming to enhance their countries' medical capabilities and the quality of

public health services. Many case studies have proved the benefits of digital healthcare in both economic and social aspects. Remote healthcare, such as telemedicine not only enables the efficient, fast and accurate services with lower medical costs, but also helps to minimize the congestion and long waiting times at the hospital that greatly improve social equality in terms of access to quality public health service.

According to Fortune Business Insights, the global telemedicine market is expected to reach \$185 billion by 2026, a significant CAGR (Compound Annual Growth Rate) at 23.5% from \$42 billion in 2019. The US is one of the biggest markets for telemedicine, which has Teladoc Health as the major service providers. Founded in 2002, its initial business was telephone consulting and now has extended to include telehealth platforms for medical consultation via video conferencing. The UK's Babylon Health and Germany's Ada Health are among the list of top global telemedicine platform providers as well.

The concept of Digital Healthcare is also well-received across Asian countries. India, for example, has nearly 5,000 health tech startups which contributed to more than 45% of total funds raised last year. In China, since 2009 the government has introduced the New Medical Reform program which is comprised of several healthcare subprojects such as online consultations, internet hospitals, electronic prescription, online pharmacy, etc. With those digital initiatives, the Chinese government was able to integrate medical treatment with other healthcarerelated services such as the public health data network, medical devices, healthcare coverage, and family doctor.

Last year, I was invited to visit Shanghai. During the trip, I had an opportunity to meet with several venture capital firms specializing in digital healthcare as well as Ping An Good Doctor, China's leading online healthcare provider. The key takeaway was that Chinese healthcare operators are heavily leveraging on advanced technologies such as big data, machine learning and artificial intelligence to offer the preliminary healthcare services. In addition, by integrating the existing services with innovative technology such as cloud healthcare, blockchain, robots and automation, the new business model emerged. For example, AI can quickly perform and support on preliminary diagnosis or identification of possible symptoms, and as a result, Chinese doctors can now service more than 500 cases per day. The number is ten times higher than the original daily average of 50 cases. The other innovative business model also included the cloud-empowered teleradiology and personalized diagnoses service at DNA level.

Another lesson learned from China's successful healthcare digitization is the strong government support. There are two prominent regulatory reforms which helped digital technology to penetrate into the industry: 1) The licensing of internet hospitals in 2014 that unlocked previous limitations and enabled new possibilities, by requiring online platform providers to collaborate with at least 1 traditional hospital 2) Healthcare digitalization policy, by mandating every traditional/ offline hospital to provide an online channel to cover at least the simple services such as online booking, billing and payment etc. The O2O (online-to-offline) model has prevailed as the industry enjoyed the high growth rate of 30% in the past five years.

Thailand can learn from the success stories of other countries. The adoption of advanced technology and appropriate regulatory reform have enabled dramatic changes in digital healthcare industry around the world. Currently, Thailand already established strong public healthcare systems and infrastructure with well-equipped hospitals and well-trained medical professionals. The nation is among the world's Top 10 countries fighting COVID-19 . However, to achieve its goals in becoming the regional medical hub, Thailand will have to invest more on research and development which directly translate into technology advancement



and innovations. Furthermore, from China's great leap in digital healthcare, it is evident that practical strategies and support from government agencies are inevitable for the success of healthcare transformation.

The current COVID-19 pandemic is a game changer for the future of healthcare industry as it makes us realize the hidden benefits of digital technology. However, the success of Thailand's digital healthcare is still relying on its policy makers and collaboration from all sectors in order to promote the development of digital technology in conjunction with the investment in healthcare facilities. This way, the country will benefit from both reduced social inequality by delivering quality public healthcare to all as well as sustainable economic growth by enhancing the competitiveness of its healthcare industry.



# HIGHLIGHTS

### WHA Group, WHA Chairman and Dr. Somyos Anantaprayoon Foundation Donate THB 10 Million to Fight COVID-19





In the picture: (Left) Ms. Jareeporn Jarukornsakul (2nd left), Chairman and Group CEO of WHA Corporation PCL, and Ms. Chatchamol Anantaprayoon (left) donate a total of THB 5 million to Assoc. Prof. Pornchai Simaroj (center), Assistant Dean for Medicine at Ramathibodi Hospital, in the presence of Mr. Jakrit Chaisanit (2nd right), Chief Operating Officer, and Mr. Somsak Boonchoyruengchai (right), Chief Accounting Officer, WHA Corporation PCL.

(Right): Assoc. Prof. Narit Kitnarong (center), Deputy Dean of Communications at Siriraj Hospital, receives the full donation of THB 5 million from the WHA Group team.

WHA Group recently made a THB 10 million donation to Siriraj Hospital and Ramathibodi Hospital to help those impacted the most by the COVID-19 crisis. Among the most affected are medical staff who work tirelessly around the clock to save lives.

Two donations were made to Siriraj Hospital's Faculty of Medicine. THB 4 million from Ms. Jareeporn Jarukornsakul, and THB 1 million from the Dr. Somyos Anantaprayoon Foundation went to the Siriraj Soo Pai Covid Fund for muchneeded medical supplies to treat COVID-19 patients.

In addition, two donations were handed over to Ramathibodi Hospital's Faculty of Medicine and Ramathibodi Foundation. THB 4 million from WHA Group, and THB 1 million from the Dr. Somyos Anantaprayoon

Foundation, will be used to purchase ventilators and ECMO (Extracorporeal Membrane Oxygenation) machines to support patients with severe respiratory conditions.

During this time of need, we respond to a call to help our frontliners in these government hospitals that are most actively caring for patients of the COVID-19 crisis.

> - Ms. Jareeporn Jarukornsakul, Chairman and Group CEO, WHA Corporation PCL



"With the increasing number of infected cases, hospitals are facing a lack of medical items necessary for treatment. WHA offers its staunch support to all medical teams that are working selflessly to care for those affected by the virus and helping them achieve full recovery."

### WHA Group Chairman Honored with Bangkok University Alumni Award



Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL, Thailand's leader in fully-integrated Logistics and Industrial Estates, Utilities & Power and Digital solutions, received the 2020 Bangkok University Alumni Award during the university's recent homecoming celebration hosted by the BU Alumni Association.

Ms. Jareeporn was honored with this award for her major role in driving the country's industrial sector and initiating sustainable community projects. The distinction is given to graduates in recognition of exceptional career accomplishments.

### WHAUP and PEA Joint Project on Smart Energy in Industrial Estates and Sign MoU on ERC Sandbox Project

#### Increased opportunities for investment in gas-fired cogeneration and solar rooftop power plants



In the picture: Ms. Jareeporn Jarukornsakul (3rd from right), Chairman and Group CEO of WHA Corporation PCL, recently signed a Memorandum of Understanding (MoU) with Mr. Sompong Preeprem (3rd from left), Governor of the Provincial Electricity Authority (PEA), and Dr. Niphon Bundechanan (far right), Deputy CEO of WHA Utilities & Power PLC (WHAUP), for a joint feasibility study on energy innovation projects under the Energy Regulatory Commission Sandbox (ERC Sandbox) program, and joint implementation of other energy innovation projects in WHA Group's industrial estates.

WHA Utilities & Power PLC (WHAUP) affirms its leadership in providing utilities and power services in industrial estates with its new partnership with the Provincial Electricity Authority (PEA). Together, the parties will study and implement a pilot project under the Smart Energy concept developing energy innovation business models and tools to apply in WHA Group's industrial estates. This includes peer-to-peer energy trading, net metering and net billing, energy storage systems, and new electricity management systems (smart grid and microgrid).

WHAUP, the provider of integrated utilities in industrial estates such as raw water, industrial water and wastewater treatment solutions, and the operator of electricity and steam generation and distribution as well as natural gas distribution business, recently signed a Memorandum of Understanding (MoU) with the Provincial Electricity Authority (PEA) to jointly study and implement the Smart Energy initiatives. Both parties also aim to participate in the next Energy Regulatory Commission Sandbox (ERC Sandbox) program.

Dr. Niphon Bundechanan, Deputy CEO of WHAUP, revealed that for 2020, the company has set its strategic direction towards the development of innovative energy solutions for industrial estates, both electricity generation and energy management. "Our initiatives will correspond with the recent disruptive trends in distributed energy resources (DER) and renewable energy which not only save overall cost and provide better energy stability for industrial users, but also expand our investment portfolio to include gas-fired cogeneration power plants, more solar rooftop and new energy storage systems."

66 Our project will also contribute to regional energy security and stability in response to growing electricity demand in the Eastern Economic Corridor (EEC). The scalability of this pilot project to cover a wider area will ultimately enhance the country's competitiveness in the long term.

"WHAUP is ready to invest and implement this innovative energy project", Dr. Niphon declared. "Our aggregate operating electricity generation capacity is expected to reach 591 MW (equity portion) this year. We're confident in the success of this project given our large industrial customer base and strong partnership with PEA." He noted that with advanced technology and innovative energy solutions that WHAUP offers, electricity cost of customers can be greatly reduced.

Dr. Niphon outlined WHAUP's extensive experience in the power business covering the development and investment in several types of power plants, both in conventional fuel such as natural gas, coal and hydropower, and in renewable energy such as solar and industrial-waste-to-energy.

# CUSTOMER SHOWCASE

### **EUP ELECTRIC VEHICLE (THAILAND) CO., LTD.**

BRINGING ELECTRIC BICYCLES TO THAILAND AND SOUTHEAST ASIA



Established in February 2019, EUP Electric Vehicle (Thailand) Co., Ltd. is the first overseas subsidiary of EUP GROUP, a China-based company specializing in the manufacture of electric bikes, scooters and motorbikes.

Located at WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1), EUP Electric Vehicle occupies a 3,820 sq.m. Ready Built Factory (RBF). With an annual capacity of 40,000 e-bikes, the company's production is primarily exported to Japan, the US and European countries such as Austria, Italy and the UK. Approximately 10% is designated for the Thai market under the EUP brand.

When it first initiated its overseas expansion plan, EUP's mother company in China considered the possibility of setting up in Eastern Europe versus Southeast Asia. "After weighing all the pros and cons, Thailand came out as our country of choice, and within Thailand, we quickly picked the RBF solution offered by WHA Industrial Development," explains Mr. Su Jie, Managing Director of EUP Electric Vehicle (Thailand).

The factory building was perfectly suited to our needs. It enabled us to start production in less than 6 months, plus we benefitted from WHA's advice and support for our business license application and other administrative matters.

Another advantage that EUP sees with WHA ESIE 1 is the proximity of suppliers such as battery manufacturers, a key element in e-bikes. "In addition to sourcing for parts from local suppliers, we are also looking forward to convincing other suppliers from China, Singapore, Taiwan and Vietnam to join us here in Thailand," adds Mr. Su.

Despite the Covid-19 situation that currently affects the company's exports volume, Mr. Su sees a promising outlook for e-bikes in the country. "Electric bicycles are new to Thai consumers, so we need to promote our products and educate our future users, but there is no doubt that with the rising appeal of environment-friendly mobility solutions, the market is ripe," concludes Mr. Su.



Mr. Su Jie, Managing Director EUP Electric Vehicle (Thailand) Co., Ltd. Tel. +66 33 683 251



### SPIBER (THAILAND) LTD.

#### MASS PRODUCING STRUCTURAL PROTEIN INTO A UNIQUE SUSTAINABILITY SOLUTION



It has garnered significant attention, particularly from the apparel industry, and has procured growth capital and funds of over JPY 30 billion. A pilot plant was built at company headquarters in Japan and commercialization of the product is proceeding, with collaborative developments for outdoor wear that requires high quality and wearability.

In Thailand, Spiber purchased 100,000 sq.m. of industrial land at WHA Eastern Seaboard Industrial Estate 1 (WHA ESIE 1) and will construct a mass production plant that will help reduce the cost of manufacturing Brewed Protein™.

Established in November 2018, Spiber (Thailand) Ltd is part of the venture company Spiber Inc. founded in 2007 by Mr. Kazuhide Sekiyama and Mr. Junichi Sugahara in Tsuruoka, Japan. Creating protein material produced by microbial fermentation from plant-derived biomass, Spiber's inspiration was the web that spiders built - a material made out of protein, strong, elastic, and also biodegradable.

"Spiber has developed technology to design the sequence of amino acids of protein freely according to the characteristics required for each application," explained Mr. Keisuke Morita and Mr. Toshimasa Asai, directors of the Thai entity. This structural protein developed by the company, named Brewed Protein™, is environmentally-friendly and expected to be utilized in various industries.

Brewed Protein™ materials are produced through a fermentation process that utilizes microbes and plant-derived raw materials like sugars, rather than petrochemical, and also do not contain animal-derived materials. "The company mission is to make a contribution towards a sustainable society," said the directors.

Production plants specialized in structural protein material are rare in the world, and Spiber's plant is the first of its kind in Thailand.

Spiber's factory is located at 70 meters above sea level and though close to Laem Chabang deep sea port, the site is fully prepared for flood disaster. Mr. Morita outlined how convenient the location is for business travelers, being situated near Suvarnabhumi International Airport. "The staff of the industrial estate is very friendly," he continued, "and provides quick responses in a friendly manner, which makes all customers feel at ease. Our company is successfully establishing a production facility at the best location."

Commercial production is expected to start in 2021, with initial plans to wholly export the protein to Japan for fiberization. In Thailand, Brewed Protein<sup>™</sup> may be utilized in the automobile and other similar industries as Spiber will be spinning a wide web for its applications into the future.



#### **Contact information**

Mr. Keisuke Morita & Mr. Toshimasa Asai Directors, Spiber (Thailand) Ltd 02-260-8367 https://www.spiber.jp/en/

# **NEWSCAST** WHA GROUP

### WHA Group CEO Sheds Light on Industries to Drive Thai Economy in 2020



Ms. Jareeporn Jarukornsakul, Chairman and Group CEO of WHA Corporation PCL, was among the guest speakers at the recent seminar Driving Economic Growth in 2020 Through Targeted Industries, hosted by the Economic Reporters Association. She shared her views on the effects of the US-China trade war on Thai businesses and discussed ways to attract new investment from companies looking to relocate to Thailand. Participants listened to her insights on the impressive growth of logistics and e-commerce industries over the past years and how they will help Thailand become the business hub of ASEAN.

### WHA Group CEO Shares Insights at 20th MFA CEO Forum





Ms. Jareeporn Jarukornsakul (center), Chairman and Group CEO of WHA Corporation PCL, recently participated in the 20th Ministry of Foreign Affairs (MFA) CEO Forum as the guest speaker on the topic Smart Logistics, Connecting Thailand to Global Value Chain. Ms. Jareeporn shared her in-depth knowledge on Thailand's logistics industry and the country's potential to become the regional logistics hub. Mr. Soonthorn Chaiyindeepum (right), MFA's Deputy Permanent Secretary, opened the event with a brief overview of WHA Group's businesses and its major role in Thailand's Eastern Economic Corridor. The forum was moderated by Mr. Nikorndej Balankura (left), Deputy Director-General of the Department of International Economic Affairs.

Organized by the Ministry of Foreign Affairs, the event has welcomed many leading CEOs from various sectors to share their visions and stories behind the success of their organizations. It also serves as a platform to showcase the contributions of the Thai private sector to economic development, both at national and international levels. Approximately 120 senior diplomats including ambassadors, chargé d'affaires and Chamber of Commerce representatives attended the forum.

# WHA ID Executive Outlines Investment Insights on Thailand Performance with EEC



Mr. David Nardone, Group Executive Industrial and International, WHA Industrial Development, was the guest speaker during an evening presentation on Thailand's Eastern Economic Corridor (EEC), co-hosted by the British Chamber of Commerce Thailand (BCCT) and the American Chamber of Commerce in Thailand (AMCHAM). Among the topics Mr. Nardone tackled were the investment climate in the EEC, Thailand's economic performance amidst the global economic slowdown, and the US-China trade war.

### WHA Group Holds Aviation Webinar





WHA Group, together with the Italian Aerospace Network (IAN), hosted an exclusive webinar on *Building your Aviation Portfolio for the 2020 Global Aviation Market* covering aircraft systems and standards for global aviation. Mr. Andrea Spiriti, President of IAN and Mr. Domenico Polito, Product Quality Manager at Aerosviluppi S.r.l, shared their expertise on the aviation business.

### Ready Built Factories and Warehouses



Available in Free Zone & General Industrial Zone

From 500 to 25,000 sq.m. for rent in Rayong, Chonburi, Saraburi and Prachinburi



### WHA Group Welcomes Delegates from The Thai Real Estate **Association to EEC**



Ms. Siyaphas Chantachairoj (center), Director - Corporate Marketing, WHA Corporation PCL, warmly welcomed a delegation from The Thai Real Estate Association at WHA CIE 2. The delegation was given a presentation on WHA's fully integrated services and solutions to its customers available at WHA Group's world class industrial estates located in the EEC.

### Mahasarakham Business School Students Tour WHA's State-of-the-Art **Industrial Estates**



Students and professors from Mahasarakham Business School, Mahasarakham University, were given a warm welcome by Ms. Siyaphas Chantachairoj, Director - Corporate Marketing, WHA Corporation PCL, during their recent visit to the Eastern Economic Corridor (EEC). An 80-member delegation toured WHA ESIE 1 and ESIE where they observed international business operations and world-class facilities available to WHA's customers across different industries. The informative visit was in line with the school's goal to provide students with hands-on learning through real world scenarios.

### WHA Group Welcomes Khon Kaen University Students



Ms. Siyaphas Chantachairoj, Director -Corporate Marketing, WHA Corporation PCL, recently welcomed a group of 120 Khon Kaen Business School students and academic staff to Thailand's EEC touring WHA ESIE 1 and ESIE. The delegates were given an overview of WHA's industrial estate operations and visited world-class manufacturing facilities.

# **CUSTOMER NEWS**

Volvo Cars (Thailand) Inks Built-to-Suit Warehouse Lease Agreement at WHA-KPN Mega Logistics Center Bangna-Trad



In the picture: Ms. Jareeporn Jarukornsakul (4th from left), Chairman and Group CEO of WHA Corporation PCL, finalizes the lease contract with Mr. Chris Wailes (3rd from right), Managing Director of Volvo Car (Thailand) Ltd. In attendance were WHA Corporation PCL executives Mr. Jakit Chaisanit (3rd from left), Chief Operating Officer and Mr. Chairin Netipiraphong (2nd from left), Deputy Director - Business Development, along with Volvo Cars (Thailand) representatives Mr. Pattarapong Achapalasiri (2nd from right), Sales Director and Mr. Thanomsak Santanaprasit (far right), Customer Service Director.

Volvo Cars (Thailand) Ltd, the local distributor of Sweden's luxury cars, recently signed a lease contract with WHA Corporation PCL for Built-to-Suit warehouses located at WHA-KPN Mega Logistics Center Bangna-Trad. The new warehouses, covering a total of 23,331 sq.m, will be Volvo's central base for storing auto parts and spare parts, as well as home to its new training center for Volvo's automotive mechanics. Equipped with state-of-the art handling and storage technology, the new facility will enable the Swedish carmaker to offer enhanced services to its customers in the region.

### Hairma Chemicals Finalizes Land Deal for New Facility in Rayong



In the picture: Ms. Ladda Rojanavilaivudh (center left), Vice President, Industrial Land & Building Customer Development, WHA Industrial Development PLC, signs the land purchase contract with Mr. Kent Deng (center right), Chairman of Hairma Chemicals GZ Ltd., during the recent signing ceremony. They are joined by Mr. Apisak Kamwan (3rd left), Assistant Director – Industrial Land Customer Development, WHA Industrial Development PLC, and other executives.

Hairma Chemicals GZ Ltd., China-based manufacturer of industry-grade chemicals, recently finalized a land purchase agreement for a new production base at WHA Rayong Industrial Land (WHA RIL). Upon

completion, the future site in Thailand's Eastern Economic Corridor will help the company boost its production of bio-plasticizers and other bio-based products to better serve its customers in the region.

### Marin Engineering Inaugurates New Scomadi Assembly Site in WHA CIE 1

In the picture: Mr. David Nardone (left), Group Executive Industrial and International, WHA Industrial Development PLC, congratulates Mr. James Richard Amatavivadhana (center), CEO of Minor Lifestyle, and Mr. Simon Phillips (3rd right), Chairman and CEO of CT Automotive Group, knock-down kit supplier for Scomadi, during the grand opening event.

Marin Engineering Co., Ltd., parts importer and assembler of UK-based scooter company Scomadi, recently held the launch of its new assembly plant in WHA CIE 1. Equipped with the most advanced technology, the new facility will increase the firm's assembly capacity and boost local sales and exports of Scomadi scooters to meet the rising demand from customers worldwide.

### TOTO (Thailand) Kicks off New Washlet Plant in WHA SIL



In the picture: Mr. David Nardone (center), Group Executive Industrial and International, WHA Industrial Development PLC, congratulates Mr. Takayasu Shimada (2nd left), President of TOTO (Thailand) Co., Ltd. Also present at the opening event were Ms. Ladda Rojanavilaivudh (2nd right), Vice President, Industrial Land and Building Customer Development, WHA Industrial Development PLC, and Ms. Siyaphas Chantachairoj (left), Director - Corporate Marketing, WHA Corporation PCL.

TOTO Thailand Co., Ltd., Japan's leading sanitary ware manufacturer and pioneer of the hi-tech washlet, recently held the grand opening ceremony for its third production plant in Thailand. Located in WHA SIL, the new facility will use advanced technologies to boost the firm's production of washlet electronic toilet seats to meet the growing demand worldwide.

### Magna Automotive Technology (Thailand) Inaugurates New Plant in EEC



In the picture: Mr. Suwad Kidsophon (center left), Senior Manager at ESIE, congratulates Mr. Jun Wu (center right), General Manager of Magna Automotive Technology (Thailand) Co. Ltd, in the presence of Ms. Suchada Limpornpugdee (2nd right), Senior Manager - Building Customer Development of WHA Industrial Development PLC, during the grand opening ceremony.

Magna Automotive Technology (Thailand) Co., Ltd., a subsidiary of Magna International Inc., one of the world's top three automotive parts supplier from Canada, recently held the grand opening ceremony for its new production site at ESIE. Equipped with state-ofthe-art machinery, the future facility in Rayong will boost the production of innovative auto parts and help Magna strengthen its international presence in the region.

### Aska Vietnam Nghe An Breaks Ground at WHA Industrial Zone 1 - Nghe An



In the picture: Ms. Anchalee Prasertchand (2nd left), Director - International, WHA Industrial Development PLC and Ms. Le Thi Bich Lien (1st left), General Director WHA Industrial Zone Nghe An JSC, congratulate executives from Aska Vietnam Nghe An Co. Ltd, led by Mr. Shichiro Ikarashi (center), CEO of Aska Foods Co. Ltd, during the groundbreaking ceremony for the new plant in WHA IZ1 - Nghe An. The event was witnessed by Mr. Le Tien Tri (3rd right), Director - Dong Nam Nghe An Economic Zone and Mr. Nguyen Van Nam (1st right), Deputy Director - The IPSC Nghe An.

Aska Vietnam Nghe An Co., Ltd., a subsidiary of Aska Foods, a leading

manufacturer of seafood products from Japan, recently held the groundbreaking ceremony for its first overseas plant in WHA Industrial Zone 1 - Nghe An, Vietnam. With 27 years of experience in fresh seafood processing, the company will use the latest technology to produce and supply premium Japanese seafood products for its wide customer base in Vietnam and the Southeast Asia region.

### Electrolux Professional (Thailand) Celebrates Groundbreaking Ceremony at WHA RIL



In the picture: Ms. Rungruethai Kittipinyochai (3rd right), Assistant Director - Industrial Land Customer Development, WHA Industrial Development PLC, together with Ms. Siyaphas Chantachairoj (2nd right), Director - Corporate Marketing, WHA Corporation PCL, congratulates Mr. Christopher Dineen (3rd left), Managing Director, Electrolux Professional (Thailand) Co., Ltd., during the groundbreaking ceremony.

Electrolux Professional (Thailand) Co., Ltd., part of the Electrolux Professional group, a leading global supplier to the hospitality industry of professional food preparation, beverage and laundry solutions, held

a groundbreaking ceremony for its new plant to begin construction at WHA RIL. Equipped with advanced manufacturing capabilities, the future site will represent a state of the art manufacturing facility of laundry and beverage solutions to meet the growing demand in the international hospitality industry.

### APEX International Kicks Off New Plant Construction at WHA ESIE 2



In the picture: Mr. Sathapanic Pirundee (right), Senior Site Superintendent, WHA Industrial Development PLC, congratulates Mr. Chang Chih-Hao (left), General Manager of Special Rivets Corp (SRC), at the recent groundbreaking ceremony.

APEX International (Thailand), a subsidiary of Taiwan-based Special Rivets Corp (SRC), recently held a groundbreaking ceremony for its new manufacturing facility in WHA ESIE 2. Strategically located in Thailand's Eastern Economic

Corridor, the future plant will enable the firm to ramp up production of high-strength blind rivets to answer the increasing demand of its customers.

### Hakuzo Medical Asia Holds Stone Laying Ceremony for New Site at WHA CIE 2



In the picture: Ms. Ladda Rojanavilaivudh (center left), Vice President, Industrial Land & Building Customer Development, and Ms. Natatan Janthong (left), Assistant Director - Industrial Land Customer Development, WHA Industrial Development PLC, congratulate Hakuzo Medical Asia executives including Mr. Koichiro Sasaki (center right), Managing Director, Mr. Keiji Koterazawa (3rd right), Purchasing and Import Export Department Manager, and Mr. Isato Murakawa (3rd left), Manufacturing Department Manager, during the stone laying event.

Hakuzo Medical Asia Co., Ltd., a Japan-based manufacturer of medical and sanitary products, recently laid the foundation stones for the construction of its new plant

in WHA CIE 2. Once operational, the manufacturing facility will boost the firm's production of hospital-grade medical supplies to meet the rising demand from its worldwide clients in the healthcare industry.

# FROM THE CLUB

# WHA Webinar on Post COVID-19: Strategy and Framework for Emerging Risks and Recovery Opportunities

WHA Group recently organized a WHA Investor Club Webinar with Mr. William Malek, Senior Executive Director of the Southeast Asia Center (SEAC), as its special guest speaker.

During the one-hour webinar, befittingly entitled *Post COVID-19 - Strategy and Framework for Emerging Risks and* 

response, based on five management practices:

- Strategic Foresight
- Crisis Scenario Management
- Risk Management
- Disruptive Innovation
- Agile Execution

Why Plan and Manage the COVID Disruptions?

Reduces probability of organizational failure
Identifies problems and solutions early
Minimizes cost of rapid surprises
Improves assumption-based planning
Increases the ability to protect the value of the company

Increases credibility of the leadership to recover and even transform the business

Why Plan and Manage the COVID Disruptions?

"If you don't actively mitigate the right risks, they will actively attack you."

Recovery Opportunities, Mr. Malek enlightened participants on how to assess the disruption scenarios that the COVID-19 crisis may generate in various industries, and emphasized the importance of creating strategies early to minimize its consequences on businesses.

As part of his presentation, Mr Malek explained that the current COVID-19 crisis is more than a 'Black Swan' event, in reference to the bestselling book authored in 2007 by Nassim Nicholas Taleb. He expounded on how this is a double Black Swan situation, as it affects people's health and the economy simultaneously, not to mention the crisis' magnitude that affected almost overnight important businesses such as retail, airlines, tourism and travel, automotive, and many more.

To counter the negative consequences of the crisis, according to Mr. Malek, companies need to act with discipline and speed. "If you don't actively mitigate the right risks, they will actively attack you," he pointed out, encouraging companies to adopt a new Black Swan

Mr. Malek invited each organization to assign one or several people as 'signal watchers' to look out for and assess weak signals as indicators of potentially emerging issues. He cited the example of the oil barrel price going down to the unprecedented level of zero USD that will have huge consequences on the economy.

The next step, for each industry, consists of assessing its main risks and defining the most likely scenarios to find the best path to recovery.

Stressing the necessity of making the most of the limited time and keeping things simple, Mr. Malek called on companies to prepare time-based worst and best scenarios for two periods: during the crisis and immediately after it. This exercise should lead companies in each sector to deliver what he called the 'Executive Declaration', i.e. the company management's messages to all its stakeholders, including employees, customers and business partners. In conclusion, Mr. Malek stressed the importance of agile leadership in such crisis times. "Some industries might even discover new opportunities to expand, like online video conferencing platforms or food delivery businesses," underlined Mr. Malek.

In addition to the Q&A session between the webinar participants and Mr. Malek, Ms. Siyaphas Chantachairoj, WHA Group Director of Corporate Marketing, took the opportunity to present WHA's Business Continuity Plan (BCP) in place since 23 March 2020 to protect its employees and support its customers and business partners.

Link to Webinar: <a href="https://www.youtube.com/watch?v=zde1BYYj]rk">https://www.youtube.com/watch?v=zde1BYYjJrk</a>

### WHA Group Hosts Investor Club Seminar for Clean Energy on **Industrial Waste to Energy**

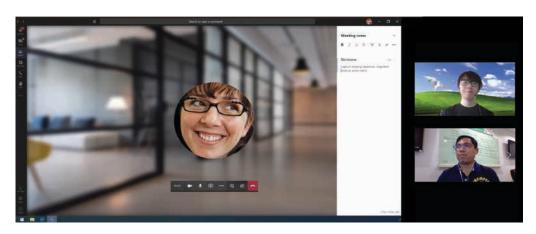


WHA Group recently held its Investor Club Seminar under the theme Industrial Waste to Energy at Pattana Golf and Sports Resort in Chonburi. The seminar aimed to introduce participants to the benefits of the waste-toenergy solution. Mr. Neil Andrew Allen (2nd left), General Manager of Chonburi Clean Energy (CCE), shared an overview of the newly opened CCE facility. Located at WHA Chonburi Industrial Estate 1 (WHA CIE 1), CCE has a capacity of 8.63 MW to convert non-hazardous

industrial waste into electricity. In addition, Dr. Hiroyuki Ito (2nd right), Business Development Director at Waste Management Siam (WMS), spoke about waste collection treatment and disposal. WMS signed an agreement with CCE to supply it with approximately 100,000 tons per year of non-hazardous industrial waste. The informative seminar attracted 130 WHA industrial estates' customers who came to learn more about eco-friendly waste management options.



### Insightful Webinar on Working Remotely Organized for WHA ID **Customers**



WHA Industrial Development recently hosted an informative webinar on working remotely away from the office for members of the WHA Investor Club. Prompted by the COVID-19 outbreak forcing millions to work from home, this webinar provided valuable insights on how to continue working effectively during the crisis. Mr. Phantip Kokilanon from Microsoft Thailand introduced the Microsoft Teams platform and shared tools and tips to use it efficiently. Mr. Kittipoth Pakdeedindan, Product Sales Specialist at Synnex (Thailand), explained how use Cisco Webex to keep teams connected on different devices while working on the move.

# **CSR NEWS**

# WHA Group Supports Medical Frontliners and Communities During COVID-19 Crisis

As awareness of COVID-19 spread throughout Thailand over the past few months, WHA Group has been donating assorted medical supplies to support Thailand's healthcare sector as well as neighboring communities to WHA industrial estates during the COVID-19 crisis.

Presented by WHA executives, the company has handed over 1,000 personal protective equipment (PPE) suits to Ramathibodi Hospital to be distributed to hospitals nationwide. More than 5,000 KN-95 masks were also given to various provincial health administrations and hospitals in Rayong, Chonburi and Chanthaburi to support local frontliners and first responders in their fight against the COVID-19 pandemic.

WHA Group has also been reaching out to different communities close to WHA industrial estates to make sure that people stay safe, distributing hand sanitizers, contributions towards manufacturing face masks and sharing hygiene information with people to prevent the spread of COVID-19. A donation in Maenamkoo sub-district in Rayong also enabled the local authorities to set up a mobile temperature checkpoint so that villagers can be screened for fever and other symptoms.

In a different type of contribution, WHA Group recently sponsored two CU-RoboCovid created by the Faculty of Engineering at Chulalongkorn University. Named 'Pinto', the robots will be used at hospitals nationwide and will assist doctors and nurses in their task to detect and treat COVID-19 cases, while reducing the risk of infection. Equipped with a telepresence system, Pinto communicates remotely, minimizing interaction between medical personnel and patients.

These initiatives highlight WHA Group's desire to extend its full support to medical frontliners who risk their lives in order to save others during this crisis, and the company's commitment to create a meaningful impact on communities.

















*In the pictures:* WHA executives presenting assorted medical supplies and donations to medical and community groups, including Ramathibodi Hospital, Pluak Daeng Hospital, Pattaya City Mayor Mr. Sontaya Khunpluem, Maenamkoo sub-district and Nong Bua sub-district communities members and monks.

Below: a model of the CU-RoboCovid created by Chulalongkorn University.



### WHA Industrial Zone 1 - Nghe An Plays Its Part to Fight COVID-19 Outbreak

During the ongoing COVID-19 outbreak, Vietnam has effective methods to contain the virus spread. In Nghe An province, with 9,000 people strictly participating in the quarantine program, there is no positive case with the new SAT COVID-19 virus so far. This is a great success for the province.

Mr. Nguyen Tien Dung, Chairman of Nghi Loc District People's Committee (Nghi Loc DPC) said: "Concentrated quarantine centers (for asymptomatic people with epidemiological factors) in Nghi Loc district helped take care of 523 quarantined citizens during 16 to 18 days. These people returned from abroad or from epidemic areas like Bach Mai hospital and high-risk provinces such as Ho Chi Minh City, Hanoi and Ha Tinh. Currently, Nghi Loc is preparing the necessary facilities for the second phase of concentrated isolation with nearly 300 people."



In the picture: Mr. Nguyen Tien Dung - Chairman of Nghi Loc DPC (2nd left) and other representatives receive financial support from WHA Industrial Zone Nghe An JSC.

In mid-April 2020, the re-presentatives from Nghi Loc DPC received a generous donation from WHA Industrial Zone Nghe An JSC. The company's support will be used to equip and renovate the guarantine areas in Nghi Loc district as soon as possible.

"WHA Industrial Zone Nghe An JSC wishes to support the prevention of COVID-19 disease among local communities with this donation of USD 5,000 for the purchase of equipment for quarantine centers in Nghi Loc district. We would like to enhance local resources in nearby districts and provinces to improve the effectiveness of the COVID-19 epidemic control, ensuring social security, safety and health of citizens," said Ms. Nguyen Thi Bich Lien, General Director of WHA Industrial Zone Nghe An JSC.

Disease movements will be monitored closely in the future. The company will continue to reach out to those on duty to prevent the pandemic in isolated areas, as well as the people indirectly affected by the COVID-19 pandemic.

# WHA Mobile Medical Missions Mobilized to Help Improve the Lives of Senior Citizens



Thailand is a country that is proud of its family values that are deeply ingrained in the culture. At a young age, children are taught to honor and respect their elders, and to do their best to look after them. However, with the evolving society, family members are sometimes no longer capable of looking after their elders who are eventually left alone. This is an unhappy situation for many seniors, because it leads to isolation and loneliness, while their needs, whether physical or emotional, are not met.

For many years now, WHA Group has been attending to the plight of the elderly, in an effort to improve their daily lives. In the past, medical missions were sent to remote villages for free eye checkups, general health monitoring, blood donations and vaccinations. This year, WHA focused on visiting the elderly in their homes to bring them gifts such as rice, canned food, wheelchairs, clothes and medical and first aid supplies.

A WHA CSR Team, led by Ms. Siyaphas Chantachairoj, Director – Corporate Marketing, WHA Corporation PCL, headed to the community of Tasit in Rayong province to visit older villagers living alone is poor conditions. Joining the visit were Mr. Boonlue Pimpho, Chief Executive of the Tasit Subdistrict Administration Organization and the SAO officers. The volunteers took the time to find out their conditions, explain basic health and hygiene, and bring them some cheer. They distributed basic daily supplies such as adult diapers and care packs.

"Raising awareness is also a part of our goal when we visit seniors in low-income areas. We bring with us a team of medical practitioners who check their health and explain to them the importance of good nutrition and regular exercise," Ms. Siyaphas shared. "We wish to reach out to more seniors in our communities every year, so we can help more people stay healthy for longer."





WHA has collaborated with several agencies on health care activities for the elderly in the past including the Thailand Red Cross and other local agencies. The company has also provided professional health consultations, including heart checks, through partnerships in several villages.

Love for the elderly is our way of sharing and caring with members of our community," Ms. Siyaphas said. "Many volunteers joined this heartwarming experience that opened our eyes to the situation of many seniors in these communities. We hope to do more for them in the future, in order to spread compassion and warmth.

The ageing population is one of the biggest problems facing Thai society today. The birthrate is declining while the ratio of elderly people has been growing in recent years. In line with the government's efforts to help the elderly, WHA also spreads education related to preventative healthcare, disease management and general well-being, and builds relationships with residents in order to give back to and take care of our society.

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### WHA Group Offers Future Job Security to Youth Through Vocational **Education Grants**

The Eastern Economic Community (EEC), covering the strategic provinces of Rayong, Chonburi and Chachoengsao, continues to attract more private investment. With infrastructure as one of the pillars of development, the government is currently developing major projects, such as motorways and double-track railway systems, as well as the expansion of U-Tapao airport and seaport facilities.

The challenge that must be addressed today is

the need for well-trained skilled workers. Thanks to the cooperation between the educational sector and private companies, the Dual Vocational Education (DVE) initiative was created by the Office of Vocational Education, allowing students to get on-thejob training along with theoretical education.

#### Grants for the smart and skilled



Vocational college and university graduates are highly in demand. However, due to financial challenges, many promising students are not able to finish their courses. In view of this, WHA Group, in cooperation with Ban Khai Technical College in Rayong, has been supporting the DVE Program for the last 9 years, by giving grants to smart, disadvantaged undergraduates. In addition, WHA helps them find on-the-job training opportunities among customers in its industrial estates.

Mr. David Nardone, Group Executive Industrial and International, WHA Industrial Development PLC, sees this as a way of empowering young people to face the future confidently. "Seeing the potential of the youth in the residential communities around the EEC is truly inspiring. WHA is proud to provide full scholarships plus allowances to disadvantaged students who are fully motivated and have the right aptitude. We are pleased to give them a head start in their professional life, so they can reach their full potential."

Bankhai Technical College in Rayong is the only educational establishment qualified for the DVE Program. Its Director, Mr. Prateep Chulalert expressed his gratitude to WHA for supporting the program year after year. "This is beneficial for the students, the companies, the EEC, and of course, members of the local communities. Training and orienting the students right in

the workplace can bring them more job opportunities. The companies are able to teach and strengthen specific skills that they need, and in many cases, offer full employment upon graduation.



Students who complete the DVE Program become role models for the younger students, because they see that there are high-paying jobs out there for them."

### Setting a good example in the community



DVE participants are jointly selected by the college and the company according to the individual's abilities and motivation to learn. Mr. Prasith Ramchatu, an employee of NT Seimitsu (Thailand), relates how he landed his job with the Japanese company. "Coming from a poor family, I could only dream of working with a foreign company. I consider myself very fortunate to have qualified for the WHA grant," recounts Prasith. "Without the scholarship, I would never have been able to finish my studies or learn from mentors and colleagues who taught and trained me patiently for 11 months. As soon as I graduated, I became a permanent employee and was finally able to help my family. In addition, the work experience made me realize the importance of knowing how to communicate in a foreign language if you want to work with an international company and advance in your career."

The DVE Program is a win-win situation for all parties. WHA Group is proud to support this excellent initiative that helps provide qualified, skilled workers, especially for sectors such as next-generation automobiles, smart electronics, agriculture and biotechnology, robotics and the other S-curve industries, that the EEC is welcoming under the Thailand 4.0 scheme.

### WHA Group Organizes 42nd Blood **Donation Campaign with Rayong Red Cross**



The Eastern Safety and Environmental (ESEC), WHA Eastern Industrial Estate Co., Ltd. and the Rayong Provincial Red Cross held its 42nd blood donation event at ESIE. A total of 33,650 cc. of blood was collected from donors, including ESEC members, WHA

employees and customers, as well as residents of the neighboring community. The much-needed blood will be used in local hospitals to help patients and save lives.

### WHA EIE Delivers Flu Vaccines to Local **Health Center in Rayong**

A team from WHA Eastern Industrial Estate (Map Ta Phut), led by Mr. Rachakit Klanprom (4th right), Senior Site Manager - Industrial Estate Operations, recently visited the Ban Phayun Health Center in Rayong to deliver flu shot kits.



Mr. Sompong Praikrasin (center), Director of the health center, received the flu vaccines to be administered before the rainy season to protect the most vulnerable members of the community.

### WHA Group Renews Chonburi FC Sponsorship for 13th Consecutive Year

WHA Group recently renewed its sponsorship of Chonburi Football Club for the 13th straight year. The long-term support embodies WHA's strong commitment to communities around its industrial estates by promoting sustainable youth development through sports. Mr. Rakphol Kangnoi (left), Director - Industrial



Estate Operations at WHA Industrial Development PLC, announced the sponsorship renewal in the presence of Mr. Wittaya Khunpluem (right), Chairman of Chonburi FC, along with other club executives, players, fans and media representatives.

### Wat Pansaded's New Sermon Hall To be Funded by WHAID



Representatives from WHA Industrial Development recently visited Wat Pansaded in Si Racha district, Chonburi, to deliver financial support for the ongoing construction of the temple's sermon hall. The venue will be used for Buddhist rituals and services, as well as charitable activities for Si Racha residents. This contribution demonstrates WHA's commitment to be part of the community and contribute back to society.

### **WHA Group Sponsors** Chonburi's Health Training **Program**



WHA Industrial Development PLC, a subsidiary of WHA Group, recently provided financial support for a training program for volunteer health workers at Aor Bor Tor Khao Kun Song in Chonburi's Si Racha district. The healthcare training course aims to boost the skills and knowledge of the public health workforce and community leaders to ensure more efficient and accessible patient care for local residents.

### WHA's Pan Gan Online Market Opens Business Opportunities to Local Micro-Entrepreneurs in EEC Communities

WHA Group recently launched PAN GAN, an online marketplace to promote and sell homemade products and homegrown specialties made by people residing around 9 WHA industrial estates in Chonburi and Rayong.

The new website aims to link sellers with shoppers by offering a showcase of products in different categories, ranging from handmade crafts and traditional medicines to local food items and homemade delicacies. Initiated by WHA Group, the project aims to support the EEC's new cities and communities development plan.

The program was welcomed by microentrepreneurs, food producers, small cottage industry owners and housewives who were invited to join so that they could promote and sell their products to a wider market. Group's Corporate Responsibilities initiative encourages job creation and local economic development. For many households, this opportunity represents a new source of revenue or side income to uplift their lives and secure a better future for the youth.

In addition, it is also a way of preserving community's heritage passing on the art of handicrafts and specialty food products from different hometowns. It focuses on creating value based on local traditions, the availability of agricultural products and natural materials, and the handing down of skills from one generation to the next.

"We are delighted to provide a simple yet attractive marketplace to our active community. Easily accessible and userfriendly, this platform makes it easy for shoppers to browse by categories, then purchase directly for the benefit of families in the vicinity of our industrial estates in the EEC," said Ms. Siyaphas Chantachairoj, Director - Corporate Marketing of WHA Corporation PCL.

"WHA Pan Gan is one of our projects to reach out to individuals in neighboring communities, promote sustainable livelihoods and give back to society. Once people learn the importance of becoming self-sufficient, they are also empowered."

To help communities in the EEC support themselves, please visit https://pangan.whaindustrialestate.com/en/home acknowledge and encourage their creativity, resourcefulness and initiative. Those interested in featuring their products can contact: marketing@ wha-group.com

### WHA PAN GAN





**Industrial Estates** Rayong and Chonburi



Shops Nearby WHA IEs



**Products** Snack, Beverage Garment Miscellaneous, etc.









### WHA Brings Joy, Toys and Supplies to Kids on Children's Day

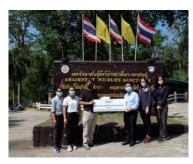




In the pictures: Students and school officials were on hand to receive donations from WHA ID representatives at Wat Nern Tong Child Development Center, Ban Mab Kla School and Ban Khlong

On the occasion of Children's Day, WHA Industrial Development representatives delivered assorted school supplies, educational equipment and toys, and blankets and household items at three educational institutions across Chonburi and Rayong. These contributions will be used to develop new skills, stimulate learning, promote social interaction and make learning fun for all.

### WHA Group Supports Tree Planting Event at Khao Khiao-Khao Chomphu Wildlife Sanctuary



WHA Group recently provided funds support tree planting at programs Khao Khiao-Khao Chomphu Wildlife Sanctuary in Chonburi. As part of the sanctuary's reforestation initiative, native

trees will be planted in specific protected areas. This activity aligns with WHA's long-held goal of creating greener and more sustainable communities for generations to come. Handing over the donation of behalf of the company was Mr. Sunya Baopoonthong (center right), Corporate Manager, WHA Industrial Development PLC.

# **2020 Training Program**

WHA Training Center, Eastern Seaboard Industrial Estate (Rayong)

June-December 2020

No.	Course	Date	Time	"Course/ person (Baht)"	Jun'20	Jul'20	Aug'20	Sep'20	Od'20	Nov'20	Dec'20
1	Operation Technique of Forklift Truck	1	9:00-16:00	1,800	Fri,19	Fri,24	Fri,21	Fri,25	Fri,16	Fri,20	Fri,18
2	Health, Safety and Working Environment Committee	2	9:00-16:00	2,200		Tue-Wed 14-15		Tue-Wed 22-23		Tue-Wed 17-18	
3	Safety Officer : Supervisor Level	2	9:00-16:00	2,200	Tue-Wed 16-17		Tue-Wed 18-19		Tue-Wed 20-21		Tue-Wed 15-16
4	Safety Officer : Management Level	2	9:00-16:00	2,500						Tue-Wed 10-11	
5	Welfare Committee in the Workplace	1	9:00-16:00	2,200			Fri,7				
6	Accident Investigation Report Technique	1	9:00-16:00	2,200					Fri,9		
7	First Aid & CPR Course	1	9:00-16:00	1,600	Tue,9			Tue,15			Tue,1
8	Writing training course techniques to request a course certification and expense approval according to skill development promotion ACT B.E.2545	1/2	13:00-16:00	1,200		Sat,18					
9	Staff Activity Techniques for HR	1	9:00-16:00	2,200				Wed,16			
10	Google form for smart HR	1	9:00-16:00	2,200			Sat,22				
11	Creating VDO on mobile phone	1	9:00-16:00	2,200	Sat,13			Sat,19			
12	Defensive Driving	1	9:00-16:00	2,200				Tue,1			
13	Service mind for maid	1	9:00-16:00	2,200		Wed,1					
14	Leadership Development	1	9:00-16:00	2,200		Fri,17					
15	7 Supervisor Skills	1	9:00-16:00	2,200					Tue,6		
16	Excellent Supervisor	1	9:00-16:00	2,200	Tue,23						Wed,2
17	Excellent Arts of Supervisory Skills	1	9:00-16:00	2,200				Fri,11			
18	E.Q. for Great Supervisor	1	9:00-16:00	2,200			Tue,25				
19	Positive thinking for Supervisor	1	9:00-16:00	2,200						Fri,6	
20	Communication Skills for leader	1	9:00-16:30	2,200			Thu,6				
21	Leadership for Leader	1	9:00-16:30	2,200					Tue,27		
22	Train the trainer	1	9:00-16:30	2,200	Fri,12					Fri,13	
23	Microsoft Excel 2016 : Basic level	1	9:00-16:00	2,200		Thu,16					
24	Microsoft Excel 2016 : Intermediate level	1	9:00-16:00	2,200			Thu,20				
25	Microsoft Excel2016 : Advanced level	1	9:00-16:00	2,200				Thu,17			
26	Microsoft PowerPoint 2016 : Intermediate-Advanced	1	9:00-16:00	2,200					Thu,15		
27	Microsoft Word 2016 : Intermediate-Advanced	1	9:00-16:30	2,200						Thu,19	

- For more information, please contact Khun Wanna at WHA Training Center Tel: 0 3301 7224-6 Fax: 0 3301 7223 E-mail: wannaw@wha-group.com
- Discount 10% for WHA Customer.
- $\operatorname{Prices}$  include handouts, coffee break and/or lunch but excludes  $\operatorname{VAT}$  .
- This is withholding tax of 3% deductible.
- Please reserve the course 2 weeks in advance.
- Date and time is subjected to change, please call to confirm.

### **Other Training Programs**

WHA Training Center, Eastern Seaboard Industrial Estate (Rayong)

June-December 2020

No.	Course	Date	Time	Jun'20	Jul'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20
1	TOEIC Test at ESIE	1	9:00-12:00			Thu,27		Thu,1		Thu,3
			13:00-16:30							

### **Online Training (Virtual Classroom)**

WHA Training Center in Cooperation with TUV Rheinland Thailand Limited (June-December 2020)

No.	Course	No. of days	Language	"Course/person (Baht)"	Date
1	Requirements and Interpretation of ISO 14001:2015	2	Thai	2,000	TBC
2	Genius Document Control of ISO 14001:2015	1	Thai	1,000	TBC
3	Requirements and Interpretation of ISO 45001:2018	2	Thai	2,000	TBC
4	Requirements and Interpretation of IATF 16949:2016	2	Thai	2,800	Mon-Tue 15-16 JUNE 2020
5	Failure Mode and Effects Analysis (FMEA) AIAG-VDA 1st Edition of IATF 16949:2016	2	Thai	2,800	TBC
6	Environmental Aspect Identification and Evaluation of ISO 14001:2015 (Theory & workshop)	1	Thai	1,000	TBC
7	Internal Auditor of ISO 14001:2015	2	Thai	2,000	TBC
8	Internal Auditor of ISO 45001:2018	2	Thai	2,000	TBC
9	Internal Auditor of IATF 16949:2016	2	Thai	2,800	Mon-Tue 22-23 JUNE 2020
10	Genius Document Control of ISO 9001:2015	1	Thai	2,000	TBC
11	Quality Management Representative (TUV) ตัวแทนฝ่ายบริหารถ้านการจัดการคุณภาพ	5	Thai	25,000	TBC
12	Environmental Management Representative (TUV)	5	Thai	25,000	TBC
13	Data Protection Officer (TUV) เจ้าหน้าที่คุ้มครองข้อมูลส่วนบุคคล	5	Thai	35,000	TBC

- For more information, please contact Khun Wanna at WHA Training Center. Tel: 0 3301 7224-6 Fax: 0 3301 7223 E-mail: wannaw@wha-group.com

#### Remark: Training Software

- WebEx is the online training program that runs through web browsers such as Mozilla Firefox, IE, Chrome. The participants are required to log in via link, username, and password that provided from the host.

#### Required equipment:

- PC computer or laptop
- Headphone with microphone or speakers and microphone
- Installed Mozilla Firefox, Internet Explorer or Google Chrome
- Training venue should be aware of social distancing.

#### Benefits:

- Small group of participants
- Easy and convenient to use via web browser
- Avoid the risk of COVID-19 outbreak
- Save time, travel, food supply cost
- Save printing costs by downloading training material file
- Virtual Classroom, not E-Learning

- 2-way communication
- Live video online
- Interactive online whiteboard and chat
- Breakout session for workshop
- Pre-Test and Post-Test online are provided depending on each course.

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