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## JJ-Muntons (Thailand) Purchases More Land at Hemaraj CIE



JJ-Muntons (Thailand) Ltd., a joint venture between Muntons Ingredients, UK and Jepsen & Jessen Ingredients, recently celebrated the grand opening of its new production facility at Hemaraj CIE. The company reaffirms its strong position as the preferred supplier of premium specialty malted ingredients to the food and beverage industries in the ASEAN region. This new factory will also enable JJ-Muntons to expand its global portfolio.

In the picture: Mr. David Nardone (center right), Vice Chairman of the Board of Directors and Group Executive Industrial and International, Hemaraj, presents a portrait of His Majesty the King to Mr. Marc Deschamps (center), Regional Managing Director of Jepsen & Jessen Ingredients, Mr. Colin Whitehouse (center left), General Manager, JJ-Muntons (Thailand), and Mr. Alan Ridealgh (3<sup>rd</sup> left), Group Managing Director of Muntons plc, to mark the auspicious event.

## Omada International's Aerospace Manufacturing Facility Handed Over by WHA

The handover for the new built-to-suit plant of aerospace supplier Omada International from its developer, WHA Corporation PCL, was recently held in Rayong province. Strategically located close to the Laem Chabang Seaport, the new factory has started its operation in late 2016 with over 700 employees.



This production facility, built according to Omada's specifications and equipped with breakthrough technology, will enable the company to provide world-class quality and delivery to its customers in the aviation industry.

In the picture: Ms. Jareeporn Jarukornsakul (center right), WHA Group CEO & Vice Chairman of the Board of Directors, and Mr. Jim Hoover (center left), Executive Chairman, Omada International, signed the handover documents upon completion of the 15,568 sq.m. aerospace facility in Rayong. Mr. James Xu, (2<sup>nd</sup> left), President of Omada International's Thailand Division, was also presented during this ceremony marking a new chapter for the Seattle-based aerospace supplier.

## Continental Holds Pilot Piling Ceremony in Hemaraj ESIE 4



Continental Tyres (Thailand) Co., Ltd., a world-class manufacturer of tyres, recently held the pilot piling ceremony for its Greenfield plant for passenger cars at Hemaraj Eastern Seaboard Industrial Estate 4 (Hemaraj ESIE 4), Rayong province. This facility will be equipped with specialized technology to serve both the domestic and export automotive markets.

In the picture: Present at the event were Dr. Somyos Anantaprayoon (front row, 6<sup>th</sup> right), Chairman of the Board of Directors, WHA Corporation PCL, Mr. David Nardone (front row, 5<sup>th</sup> right), Group Executive Industrial and International, Hemaraj, Mr. Vivat Jiratikarnsakul (front row, 4<sup>th</sup> right), Chief Operating Officer Industrial and International, Hemaraj, Michael Egner (front row, 4<sup>th</sup> left), Project Manager, PLT Greenfield Rayong and executives from both companies.



## MESSAGE FROM *Group Chief Executive Officer*

WHA Group, the leading integrated provider of logistics, property and industrial estates in ASEAN, operates in a dynamic global economy. We continue to open our doors to new companies in various sectors, and we take pride in assisting our clients expand their operations through turn-key solutions for an integrated service offering in 4 business areas: Logistics, Industrial Development, Utilities and Power, Digital Platform. Growing together and focusing on higher growth drive us to improve our services even more.

WHA Group throws its full support behind the government's vision and strategy for modernization under the Thailand 4.0 project that will help upgrade the country's international competitiveness and boost gross domestic product. Our Group is also a staunch advocate of the Eastern Economic Corridor (EEC) program that aims to attract new industries and services to the eastern provinces of Chonburi, Chaochengsao and Rayong. Our best-in-class facilities, including nine industrial estates, built-to-suit factories and premium warehouses in strategic locations, will directly benefit from the government's determination to provide excellent connectivity in the rail, road, air and waterway transport. As the government fast tracks these efforts, we are also gearing up for more innovations in terms of facilities and services that will enable us to focus on sustainable growth for our customers, the country and the region.

As the industrial world moves forward at a quickening pace, WHA Group has continued to demonstrate its capacity to be innovative, creative and among the first to provide new solutions for the market. We have the infrastructure, the facilities and the human resources to enable our customers to concentrate on operating their business, while we work alongside the government to achieve structured, purposeful goals to take Thailand and Southeast Asia to the next level.

We are pulling out all the stops to welcome the targeted industries that our government is working to draw to our country. The First S curve industries, comprising Next-Generation Automotive, Smart Electronics, Medical and Wellness Tourism, Agriculture and Biotechnology, Food for the Future; and the New S-Curve industries – Robotics, Aviation and Logistics, Biofuels and Biochemicals, Digital and Medical Hub - will usher in more investment to Thailand.

This is a collaborative effort and we are convinced that the EEC will succeed because of the unwavering commitment of both the public and the private sectors. Together they institute plans, policies and strategies that will lead to a win-win situation for all stakeholders.

At WHA Group, we look forward to continuing our role to provide a strong foundation for local and foreign businesses and to play a leading role in the development of Thailand's economy of tomorrow.

**Jareeporn Jarukornsakul**  
**Group Chief Executive Officer**  
**WHA Corporation PCL**

MESSAGE FROM  
**Group Executive**  
**Industrial and International**



WHA Hemaraj's industrial developments continue to expand at a robust pace, accentuated by the recent opening of our ninth industrial estate, Hemaraj Eastern Seaboard Industrial Estate 4 (Hemaraj ESIE 4) in Rayong province.

Comprising 1,860 rai or about 3 million square meters of land development, the first phase of Hemaraj ESIE 4 will see the completion of its utility infrastructure this year. We are proud to announce that international technology corporation Continental has chosen our estate to build its EUR 250 million Greenfield tire plant. This is continuing our group's ability to attract major international investors who place their trust in Thailand, in line with the government's Eastern Economic Corridor (EEC) program.

WHA Hemaraj lends its full support to the EEC program and will play a role in pushing forward Thailand 4.0 that aims to evolve Thailand's economy to be driven by innovation, creativity, research and development and green technologies. We are getting ready to welcome a new range of growth industries such as the next-generation automotive technologies, robotics, aviation, biofuels and biochemicals.

In February 2017, the company achieved another breakthrough when Vietnamese authorities approved the license for the WHA Hemaraj Industrial Zone - Nghe An, within the Dong Nam Economic Zone, Nghe An Province. Located 290 kilometers south of Hanoi, Nghe An province is the largest among Vietnam's 63 provinces, with a population of 3.2 million people, a workforce of 1.9 million, 7 universities and more than 70 colleges and vocational training schools.

Comprising 498 hectares, WHA Hemaraj Industrial Zone - Nghe An Phase 1 is part of our group's long-term plan that could potentially total up to 3,200 hectares. Vietnam has become an important industrial and manufacturing base in ASEAN, and has transformed into a major gateway to markets such as China, South Korea and Japan. This landmark project is our first outside Thailand and we are leveraging our hard-earned experience to attract new businesses, increase local employment and expand awareness of opportunities in the ASEAN region.

We continue to offer our customers the resources they need to prosper and remain dedicated to their long term success in order to reach our goals side by side.

**David Nardone**  
**Group Executive Industrial and International**  
**Hemaraj Land And Development PLC**

# HIGHLIGHTS

## WHA Group and Chulalongkorn University Sign MOU for Wastewater Management and Wastewater Treatment Collaboration



WHA Corporation PCL (WHA) and Chulalongkorn University's Faculty of Engineering recently signed a Memorandum of Understanding (MOU) to foster the collaboration and knowledge exchange in the area of wastewater management and wastewater treatment. This MOU aims to support the development and training of future engineers by combining their classroom learning with practical experience in a real industrial environment such as the Hemaraj industrial estates, which are part of the WHA Group. The ultimate goal is to help enhance the efficiency of wastewater management and treatment techniques in Thailand. For this collaboration, it is a part of WHA CSR, 'Water for Planet' project.

In the picture: Ms. Jareeporn Jarukornsakul (center right), Group CEO, WHA Corporation PCL, with Assoc Prof Dr. Supot Teachavorasinskun (center left), Dean of Chulalongkorn's Faculty of Engineering, during the announcement of the collaboration agreement, in the presence of Assoc. Prof. Dr. Khemarath Osathaphan (left), Head of Environment Engineering Department, Chulalongkorn's Faculty of Engineering, and Mr. Vivat Jiratikarnsakul (right), Hemaraj Chief Operating Officer, Industrial and International.

## WHA Hemaraj Launches New Industrial Estate "Hemaraj Eastern Seaboard Industrial Estate 4" (Hemaraj ESIE 4) in Pluakdaeng Rayong Province, Thailand

The international technology corporation Continental purchased about 750,000 square meters of land plot at Hemaraj ESIE 4 for its new Euro 250 million Greenfield tire plant site for passenger cars aimed to be built by 2019.

Hemaraj Land And Development Plc, a public company under the group of WHA Corporation Plc, launched its 9<sup>th</sup> industrial estate "Hemaraj Eastern Seaboard Industrial Estate 4" (Hemaraj ESIE 4) in Rayong Province. Hemaraj ESIE 4 comprises in total 3 million square meters or 1,860 rai land development and with all environmental and industrial estate approvals secured in meeting the exacting timing and specifications of Continental.

The Hemaraj ESIE 4 industrial estate comprises a gross area of about 750,000 square meters which will be completed for Phase 1 with the complete industrial estate utility infrastructure within 2017. The Hemaraj ESIE 4 site now under land grading and infrastructure completion



was able to offer Continental the exacting land dimensions and land and utility specifications meeting its requirements for their site selection.

Mr. David Nardone, Group Executive Industrial and International noted the following. "It was a joint effort among the Continental and WHA Hemaraj teams. We sought to understand their process, utility, and land requirements well in advance of their decision timing and then commenced civil works preparations procedures. From that point, we worked together to design the land plot and utilities that allow Continental to optimize their manufacturing requirements."

"The site selection process at Continental for new plants is very complex, where we have to take into account not only the proximity to markets and our customers, several infrastructure elements, but also the workforce available as well as educational institutions which will support us. In the site selection process for land and infrastructure, we have specific manufacturing site design requirements. Through our excellent collaboration with Hemaraj at Hemaraj ESIE 4 we were able to initiate all civil works procedures on time, therefore I would like to express my sincere 'thank you' to both teams and rely on a fruitful cooperation also in the future", explained Mr. Michael Egner, Project Manager Greenfield APAC.

### Inquiries about WHA Group's products & services and newsletter can be addressed to:

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# CUSTOMER SHOWCASE

## Tri-Wall (Thailand)

### Total Value from Clever Designs and the Right Materials

Tri-Wall (Thailand), founded in 1989, is the local subsidiary of the Tri-Wall Group, a well-respected establishment that is synonymous around the globe with high-performance packaging. With four sites in Thailand, including a technologically-advanced factory in the Hemaraj Eastern Seaboard Industrial Estate (Hemaraj ESIE), the company offers its clients customized packaging solutions that are ingeniously-designed, lighter in weight and cost-efficient. Medium and heavy industries from all segments, including the automotive and aeronautics sectors, place their trust on Tri-Wall to meet their packaging challenges and ensure handling, storage, transport and delivery in the best possible conditions.

Tri-Wall's story started over 60 years ago in New Jersey, USA. Mr. Abe Goldstein, a maker of small boxes, invented a manufacturing process for packaging, featuring three layers of heavy-duty corrugated materials, hence the name Tri-Wall Pak®. This quickly led to the creation of partnerships in the UK, Europe and Japan, then in Korea, Taiwan, Southeast Asia and China.

"Thailand has become a very important base for the Group," says Mr. Sumate Tannumsaeng, Managing Director of Tri-Wall (Thailand) Ltd. "The automotive and electronics industries, among others, have expanded tremendously over the last decades, giving us the immense opportunity to grow our business as well." Today, the Thai operations are spread out close to its clients, in order to offer them the most efficient services at all times.



"At Tri-Wall, our philosophy is 'the Only One'. We like to think that our company is unique, that we can provide customers not just with normal packaging, but also tailor-designed packaging to meet very precise specifications. "We enjoy these challenges. Getting total value from clever designs and the right materials gives us a sense of fulfillment and pride," he relates proudly.

Mr. Sumate has been with the company for more than 22 years, and is very familiar with the needs of his customers, having spent the early years of his career in the import-export sector. At Tri-Wall's Hemaraj ESIE factory, he manages a dynamic team of approximately 140 people. He is a boss with a friendly working style, treating his employees more like partners. "They see you as their partner as well, and this makes the atmosphere warm, yet very professional. Things get done efficiently because everyone feels responsible." He believes that you get the best out of your employees by treating them with respect and dignity and by making them proud of their work.

Mr. Sumate says that there were several reasons that made the Tri-Wall Group select Hemaraj ESIE as the location for its third production base in Thailand. He cited "excellent facilities," "close proximity to customers," and "solution-oriented staff" as three main factors. Tri-Wall also has a fourth site in Thailand, at the Hemaraj Ready Built Factory Park, in Kabinburi, Prachinburi. "I am impressed with the level of professionalism here. Aside from offering reasonable prices, Hemaraj takes good care of its customers. I can say that Hemaraj's world-class facilities and exceptional customer support play a big role in Tri-Wall's good image," he added.

Mr. Sumate commends Hemaraj's policies to protect natural resources and keep the earth clean and green. "We use human-planted pine, not wood taken from natural forests, to create products that are recyclable and reusable. We also have a system that makes our packaging returnable, so that less trees are cut, less energy is wasted and less waste is generated. This goes in line with Hemaraj's continuing effort to always look for sustainable solutions to protect the environment. Tri-Wall and Hemaraj share a respect for nature so that we can protect our resources for ourselves, as well as for future generations," he explained.

Clearly, Tri-Wall is poised to forge ahead in Thailand and the rest of the region, as it brings

fresh impetus through packaging solutions and innovations for key players in the industrial sector. Tri-Wall has an international network that always strives to provide support for its customers' global businesses and maintain high-quality standards for its products and services at all times.

### Contact Information

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## Kitagawa (Thailand) Co., Ltd.

### Adding a State-of-the-Art Production Line in Response to Localization

With a proud reputation supplying the top market share of standard chuck machine tools, Kitagawa (Thailand) Co., Ltd. established itself at Hemaraj Chonburi Industrial Estate – Hemaraj CIE in 2003. An overseas production base of Kitagawa Iron Works Co., Ltd. from Fuchu in Hiroshima prefecture, Japan, the company is well-known for its high-quality products and use of advanced technology. They operate three main strands of business: machine tools, metal forging materials, and industrial machinery. In Thailand, they conduct integrated production of casting parts for automobiles and farm machines, including manufacturing, machine processing and assembly at their factory.

In March 2016, the company installed the second casting line at their Thai factory to expand production capacity. Previously, there was only one production line, used mainly for supplying internal machinery parts, but with the new additional line they can meet a wider range of product demands, especially in small parts machinery. They had formerly imported small parts casting for local processing but can now undertake full integrated production in Thailand, enabling them to tailor and 'localize' to their customers' needs. The company has 3 factory buildings across almost 95,000 sq.m. of total land area, including a specialized aeration system, 106 machining centers and 87 NC lathes to perform various kinds of processing efficiently. High-grade materials such as nickel



and molybdenum are used for the company's casting technology, which makes it possible to produce highly heat-resistant products.

Mr Tatsuro Okuda, vice president of Kitagawa (Thailand), acknowledges the drop in manufacturing centered around the automotive industry since 2014, along with droughts that occurred during the same period which resulted in slowing demand for agricultural machinery. Though the situation is unfavorable, he believes the best path to forge through these times is via thorough and continuous improvement and development of line efficiency, staff skills and quality of products. "We can afford to do that now as the line isn't at full operation, and see it as an advantage," he said. He remains committed to positive thinking as a leader, and is considering exporting to overseas markets such as Japan in the future.

When they first entered the Thai market seeking the best factory site, it was other Japanese companies that introduced Hemaraj Chonburi Industrial Estate to them, as many of their client companies are also located on the same site. Additionally, they value access to quality transport infrastructure such as wide connecting roads, which are an advantage in attracting and retaining staff, who currently number almost 600 employees. In 2018, their Japanese parent company looks forward to celebrating its centennial anniversary, and they are proud that Thailand is part of their story of long-standing success.

**Contact information**

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**Pegasus Global Express (Thailand) Co., Ltd.**

Pegasus Global Express (Thailand) Co., Ltd. was established in September 2012 as the Thai subsidiary of Pegasus Global Express Co., Ltd, a logistics business headquartered in Tokyo. The company decided to enter the Thai market after requests from many Japanese companies operating in Thailand, predominantly manufacturers of automobiles and electrical industry products, along with trading companies. The company's main services are international air and maritime transport, customs clearing, warehousing and domestic transport. They enjoy a good reputation with their customs clearing service in particular, and operate international transport services through collaboration with partner companies. Japanese clients make up 80% of their overall clients and they increased personnel substantially in 2016 with expansion of their business. Mr. Tetsuji Haioka, one of the

full operation in less than six months. Mr. Haioka is now considering how to expand, with Hemaraj's estate options a strong candidate to help their business grow.

While Hemaraj ESIE was chosen, Mr. Haioka explains, because it provides "the best location with easy access to all major destinations", the decisive factor was the sense of security the services offer his company. He said that the functions and facilities of the industrial estates are very convenient, and that Hemaraj is a stable company with good performance, providing fast and courteous service for processing applications and registrations.

Though Mr. Haioka believes the Thai economy is currently at a standstill, particularly in the automotive industry, the company expects some recovery from late 2017, based on the Thai government's series of policies for stimulating the economy, such as new investment promotion programs and industry cluster projects. Mr. Haioka is a supporter of the



company's directors, handles staff deployment and the many skilled employees with rich experience and knowledge of specific sectors is one of the company's strongest assets. He is renowned himself as a dedicated, skillful and trustworthy operative, going above and beyond when responding to customer queries and requests.

The company's latest warehouse, established in August 2016, occupies approximately 2,100 sq.m. in Hemaraj Eastern Seaboard Industrial Estate – Hemaraj ESIE in Rayong Province. Originating from a package contract including logistics services to be provided on site, their client company was already operating a factory in the same industrial estate. Soon, more requests for their services came from other companies and the warehouse reached

Trans-Pacific Strategic Economic Partnership (TPSEP) Agreement, as ease of logistics can stimulate the economy with the flow of goods. Eyeing future trends, the company has started preparing for expansion into new fields such as machinery, construction materials and food-related business, alongside plans to enter the markets of surrounding South-East Asian countries.

**Contact information**

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## WHA Corporation PCL Named Thailand TOP Company Awards 2017



WHA Corporation PCL was recently given the Thailand TOP Company Awards 2017, in the “Warehouse Development Company” category. During the award ceremony hosted by the University of the Thai Chamber of Commerce and Business Plus Magazine, Ms. Jareeporn Jarukornsakul (right), WHA Group Chief Executive Officer, accepted the plaque on behalf of the company from Privy Councilor Professor Emeritus Dr. Kasem Wattanachai. WHA Corporation PCL has been recognized for its leading role in the logistics industry and its contribution to Thai society.

## WHA Attends Forbes Thailand Forum 2016



Ms. Jareeporn Jarukornsakul (middle right), Group Chief Executive Officer of WHA Corporation PCL, (WHA) recently participated in the Forbes Thailand Forum 2016 on Reaping the Rewards. She spoke about her business vision and shared her early experiences that led to her professional success. Ms. Jareeporn was welcomed by Mr. Suthikiati Chirathivat (middle left) and his son, Mr. Passornkorn Chirathivat (far right), at Centara Grand at Central World.

## WHA Group Supports SCB Loan Program to Attract Foreign Direct Investment from China



WHA Corporation PCL and Hemaraj Land And Development PLC recently pledged their support to Siam Commercial Bank in its effort to boost foreign direct investment through innovative financial programs for Chinese companies investing in the country. This program will make it easier for investors to purchase land in Thailand’s leading industrial estates, including Hemaraj Industrial Estates, thus fueling the economy in the long term.

In the picture: Ms. Jareeporn Jarukornsakul, Group CEO, WHA Corporation PCL, with Mr. Arthid Nanthawithaya, Siam Commercial Bank President and Chief Executive Officer, during the announcement of the collaboration agreement.

## WHA Group CEO Wins Quality Person of the Year 2016 Award



Ms. Jareeporn Jarukornsakul (center), Group CEO, WHA Corporation PCL, received the Quality Person of the Year Award in the Real Estate Business Development category, from the Foundation of Science and Technology Council of Thailand. She accepted the

distinction for her outstanding dedication to the industry and service to Thai society, in the presence of other WHA executives.

## WHA Group Spearheads MOU to Establish “Industrial Skills Cooperation Academy”



WHA Corporation PCL and Hemaraj Land And Development PLC, together with the Ministry of Labor (MOL), King Mongkut’s University of Technology Thonburi and the Thai-German Institute (TGI), announced the signing of a Memorandum of Understanding (MoU) to establish an “Industrial Skills Cooperation Academy”, to be located in ESIE Plaza 1, Eastern Seaboard Industrial Estate (Rayong). The four parties vowed to work together to enhance labor skills and to boost the Eastern Economic Corridor (EEC) in line with Thailand 4.0.

In the picture: Present in the event were Mr. Jakrit Chaisanit (left) Co Chief Operating Officer, Hemaraj; Assoc. Prof. Sittichai Kaewkuekool (2<sup>nd</sup> left), Faculty of Industrial Education and Technology, King Mongkut’s University of Technology Thonburi; Ms. Jareeporn Jarukornsakul (3<sup>rd</sup> left), Group Chief Executive Officer of WHA Corporation PCL; ML Puntrik Smiti (center left), Permanent Secretary of Labour, The Ministry of Labour (MOL); Mr. Surasak Charoensirichot (center right), Governor of Rayong; Mr. Theerapol Khunmuang (3<sup>rd</sup> right), Director-General of Department of Skill Development (DSD); Mr. Somwang Boonrakcharoen (2<sup>nd</sup> right), President of The Thai-German Institute (TGI) and Mr. David Nardone (right), Group Executive Industrial and International., Hemaraj

## WHA Hemaraj in Line with Thailand 4.0 Opening “Hemaraj Industrial Skill Cooperation Academy”

(2<sup>nd</sup> left), Group CEO, WHA Corporation PCL; General Charoen Nopsuwan (2<sup>nd</sup> right), Vice Minister; M.L. Puntarik Samiti (left), Permanent Secretary and Mr. Somwang Boonrakcharoen (right), President, Thai-German Institute presided in the opening ceremony of HISCA.



Hemaraj Land and Development PLC, a subsidiary of WHA Corporation PCL, together with the Department of Skill Development under the Ministry of Labour, King Mongkut’s University of Technology Thonburi and the Thai-German Institute celebrated the inauguration of Hemaraj Industrial Skill Cooperation Academy (HISCA) at Eastern Seaboard Industrial Estate (Rayong). The Academy’s main objective is to produce 100,000 qualified skilled workers within one year and to enhance the development of human resources and labor skills in line with the government’s Thailand 4.0 initiative. In the picture: General Sirichai Distakul (center), Minister of Labour; Ms. Jareeporn Jarukornsakul

## WHA Logistics Welcomes Thammasat University Master Students

Masters students from Thammasat Business School received a warm welcome from Mr. Jakrit Chaisanit (front row, 4<sup>th</sup> right), Chief Operating Officer, Ms. Siyaphas Chantachairoj (front row, 4<sup>th</sup> from left), Director – Corporate Marketing of WHA Corporation PCL and Ms. Janya



Thana-Athiporn (front row, 5<sup>th</sup> from left), Executive Vice President, Head of Thailand, LF Logistics (Thailand) Ltd. during their visit to the WHA Mega Logistics Center in Wang Noi, Ayutthaya and Warehouse of LF Logistics (Thailand). The group did a comprehensive tour of the logistics facilities and took the opportunity to ask questions to industry executives and experts. This tour gave the students a first-hand view on the structure and operations of a world-class logistics company.

## WHA Group Welcomes BOI & Foreign Media Delegation to Hemaraj ESIE and ESIE



WHA Corporation PCL, and Hemaraj Land And Development PLC, led by Mr. David Nardone, Group Executive Industrial and International, Hemaraj Land And Development PLC, recently welcomed a delegation of foreign media visiting Thailand in line with the “Opportunity Thailand” seminar organized recently by the Board of Investment (BOI).

The group visited Hemaraj ESIE and ESIE to observe the active role that WHA Group plays in the development of the Eastern Economic Corridor. It also had the opportunity to observe operations at AutoAlliance Thailand (AAT) and i+MED Laboratories, as part of its mission to explore investment opportunities in Thailand.



## BOI Paris and Frankfurt Delegation Visit Hemaraj



Hemaraj recently welcomed a delegation from BOI Paris and BOI Frankfurt, led by Ms. Souchitra Sassady-Abhay (5<sup>th</sup> left), Assistant Investment Promotion Officer, BOI Paris. The group was warmly welcomed by Ms. Siyaphas Chantachairoj (4<sup>th</sup> left), Director - Corporate Marketing, who took them on a visit to Hemaraj industrial estates, including Hemaraj ESIE which is home to Ford Motor Company. The delegates were in Bangkok to attend SUBCON Thailand 2016, the largest subcontracting exhibition in ASEAN.

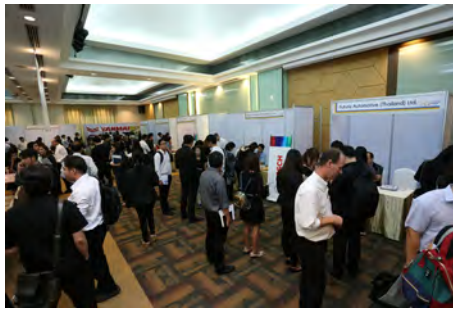


## First WHA Hemaraj & BUILD Business Matching Event



The first WHA Hemaraj & BUILD Business Matching Showcase was held recently in Chonburi to help companies in Hemaraj's industrial estates discover new sources of parts and materials among neighbor-companies, and to promote the use of more local content. Ms. Siyaphas Chantachairoj, Director of Corporate Marketing of WHA Corporation

PCL, welcomed Mr. Wirat Tatsaringkansakul, Director of BOI Unit for Industrial Linkage Development (BUILD), to the event. The two-day forum consisted of one-on-one meetings between suppliers and buyers, presentations by company executives and talks with BOI officials who shared new government policies and industry updates.



## AMCHAM Gives the 7<sup>th</sup> CSR Award to Hemaraj



WHA Hemaraj, proudly accepted the AMCHAM Corporate Social Responsibility 2016 Excellence Recognition from the American Chamber of Commerce in Thailand (AMCHAM). Hemaraj is being honored for the seventh consecutive year for its solid commitment to create long-term economic, social, education development and environmental benefits in the neighboring communities.

In the picture: H.E. Glyn Davies (center), US Ambassador to Thailand, presents the AMCHAM CSR 2016 Excellence Recognition certificate to Hemaraj executives : Mr. David

Nardone (4<sup>th</sup> left), Group Executive Industrial and International, Hemaraj; Ms. Siyaphas Chantachairoj (center left), Director - Corporate Marketing, WHA Corporation PCL.

## WHAUP's First Trading Day on April 10 Boosting the Potential of Its Integrated Utilities and Power Businesses

WHA Utilities and Power PLC. (WHAUP), the leading fully-integrated utilities and power business provider, has marked a key milestone with its first day trading on the Stock Exchange of Thailand on 10 April 2017. Mr. Wisate Chungwatana, Chief Executive Officer, is confident that the initial public offering will be well received by investors due to WHAUP's business growth potential. Siam Commercial Bank, its financial advisor believes in WHAUP's outstanding integrated utilities and power leadership.

Mr. Wisate Chungwatana, Chief Executive Officer, WHAUP, the provider of fully integrated utilities services for industries in Hemaraj Industrial Estates and Hemaraj Industrial Lands, including raw water, processed water, clarified water, wastewater treatment and power business in Thailand and overseas, said, "The company confirms its first day trading under the energy and utilities sector on 10 April, under the name 'WHAUP' and expects it to be well received by investors."

"WHAUP will offer a total of 229.5 million shares, comprising 125 million new shares and 104.5 million existing shares belonging to H-International (SG) Pte. Ltd. at the price of 26.25 Baht per share."

Fund raised from the initial public offering will be used for several purposes, including utilities and power project investment for business expansion and loan payment to financial institutions, which will reduce 1.5-time debt/equity. The rest will be used for working capital.

Under its investment plan, WHAUP will increase power business investments for IPP, SPP and VSPP plants with 350 megawatts (equity share) currently under operation and another 190 megawatts under construction.



Representing altogether 540 megawatts (equity share), it will be completed around the beginning of 2019. Moreover, the company is studying a renewable power project, which is solar power on rooftop of WHA Group’s warehouses covering 2 million square-meter areas. WHAUP also invested in an industrial waste management project for energy under Chonburi Clean Energy (CCE), tying up with Glow Energy Plc. and SUEZ. Recently, Chonburi Clean Energy signed an agreement with the Provincial Electricity Authority in the 8.63-megawatt industrial waste project, which is expected to start

operations in the fourth quarter of 2019.

Ms. Veena Lertnimit, Executive Vice President, Primary Distribution, Siam Commercial Bank, WHAUP’s financial advisor representing Siam Commercial Securities, WHAUP’s lead IPO underwriter, said, “WHAUP’s business stands out for its integrated utilities and power excellence, with growth and operation potential. Besides, the management team of WHAUP and WHA Group are strong and professional. All of these qualities reflect its business strength very well.”



## WHAUP Marks Day 1 Listed on the SET



Dr. Somyos Anantaprayoon (2<sup>nd</sup> right), Chairman of the Board of Directors, WHA Corporation Public Company Limited (WHA) and Chairman of WHA Utilities and Power Public Company Limited (WHAUP); Ms. Jareeporn Jarukornsakul (2<sup>nd</sup> left), Group Chief Executive Officer, WHA Corporation PCL; Mr. Wisate Chungwatana (left), Chief Executive Officer; WHA Utilities and Power Plc and Ms. Veena Lertnimit (right), Executive Vice President, Primary Distribution, Siam Commercial Bank, and adviser of WHAUP, jointly announced the approval of WHAUP as a SET-listed company. The utilities and power firm plans to hold road shows in February and March to attract institutional investors. Up to 229.5 million shares will be available during the Initial Public Offering to be held within Q1 2017.

## Customers’ NEWS

### Quechen Chooses Hemaraj EIE for New Manufacturing in Thailand



Quechen Silicon (Thailand) Co., Ltd., a global major supplier specialized in silica, recently signed a contract with Hemaraj to purchase a 40-rai plot of land to build a factory at Hemaraj

EIE. Using a sustainable development concept throughout the overall production and operation process, the company plans to increase its capacity to produce low polymerizing high-dispersion silica used for tires in the automotive industry.

In the picture: Dr. Somyos Anantaprayoon, Chairman of the Board of Directors, WHA Corporation PCL, and Mr. Que Weidong, President, Quechen Silicon Chemical Co., Ltd, signed the land purchase contract in the presence of Ms. Jareeporn Jarukornsakul, Group CEO, WHA Corporation PCL, Mr. David Nardone, Group Executive Industrial and International, Hemaraj, and Ms. Chen Xioyan, Vice President, Quechen Silicon Chemical.



### Kimsong Artiwood Closes Hemaraj CIE Land Deal



Kimsong Artiwood Company Limited, Singapore-based manufacturer and supplier of plywood and furniture parts, recently signed a purchase contract to secure a plot of land in Hemaraj Chonburi Industrial Estate,

# Customers' NEWS

developed by Hemaraj. The land will serve as the site of Kimsong Starwood's new production facility to enhance its capacity to serve the demands of clients in various sectors.

In the picture: Mr. Apisak Kamwan (left), Assistant Director, Industrial Customer Development, Hemaraj, finalized the purchase contract with Mr. Kim Chong Wah (2<sup>nd</sup> from left), President of Kimsong Artiwood Co., Ltd. in the presence of other executives.

## SGF (Thailand) Closes Land Deal to Build State-of-the-Art Facilities in Hemaraj ESIE 2



SGF (Thailand) Co. Ltd, a subsidiary of SGF, Germany's active supplier for automotive and industrial customers and worldwide leader for torque transmission, recently signed a purchase contract for a plot of land at Hemaraj ESIE 2 in Chonburi. This will be the future site of SGF's state-of-the-art development and production facilities that will enable it to maintain the high quality standards of its products and fulfill the highest requirements of its clients in the automotive industry.

In the picture: Dr. Somyos Anantaprayoon, (center left), Chairman of the Board of Directors, WHA Corporation PCL and Hemaraj Land And Development PLC, signed the purchase contract with Mr. Michael Weikert (center right), President, SGF. Mr. David Nardone (3<sup>rd</sup> left), Group Executive Industrial and International Hemaraj Land And Development PLC and Ms. Anja Wahling, Strategic Project Director of SGF and other executives from both companies also joined the ceremony.

## Jungheinrich Signs Leasing Deal for Factory at Hemaraj CIE

Germany-based Jungheinrich Lift Truck Ltd., a leading company in the material handling equipment and warehousing sectors, recently finalized the lease of a ready-built factory at Hemaraj CIE. The new facility will enable the company to expand its operations and increase its production capacity to meet the growing demand of its customers in the region.



In the picture: Mr. Mikinari Oki (center), Managing Director of Jungheinrich Lift Truck Ltd., and Mr. Maik Schroeder (2<sup>nd</sup> right), Regional Manager, finalize the lease agreement for a Ready Built Factory with Ms. Anchalee Prasertchand (2<sup>nd</sup> left), Director – Industrial Building Customer Development & International, Hemaraj.

## Ishwar Profiles (Thailand) Holds Bhoomi Pujan Ceremony for New Plant in Hemaraj CIE



Ishwar Profiles (Thailand) Co., Ltd., a subsidiary of R.S. ISPAT Ltd., a reputable steel manufacturing company in Eastern India, recently held the Bhoomi Pujan ceremony to build its new factory at Hemaraj CIE. The advanced facility will enable the company to expand its production capacity to answer rising demand for high-quality steel from its industrial clients.

In the picture: Ms. Shyama Agarwal (center right) and Mr. Rakesh Agarwal (3<sup>rd</sup> right),

Directors of R.S. ISPAT, are shown with Mr. Apisak Kamwan (center left), Assistant Director, and Ms. Lada Mahutthanasakul (3<sup>rd</sup> left), Manager of Hemaraj's Industrial Customer Development, during the Bhoomi Pujan ceremony at Hemaraj CIE.

## Pilot Piling Ceremony for SAIC Motor-CP's New MG Production Plant in Hemaraj ESIE2



SAIC Motor-CP Co., Ltd., manufacturer of MG Cars in Thailand, recently held the pilot piling ceremony for its new manufacturing facility at Hemaraj ESIE 2 in Chonburi province. With a maximum production capacity of 200,000 units per annum, the 437.5 rai plant will be equipped with specialized technology to efficiently serve both the domestic and export markets.

In the picture: Top executives of SAIC Motor – CP led by Mr. Thanakorn Seriburi (2<sup>nd</sup> right), Chairman of Directors and Mr. Nopadol Chiaravanont (left), Director, celebrated the pilot piling ceremony at the future site of its manufacturing plant. Assisting them are Mr. Shi Guoyong (2<sup>nd</sup> left), President and Mr. Zhang Haibo (right), Director.

## Foundation Stone Laying for BorgWarner (Thailand) at ESIE

BorgWarner (Thailand) Ltd., a business of BorgWarner Inc., a global leader in powertrain systems and solutions, recently held a stone laying ceremony for its future site at ESIE. Production at this facility will be designed based on highest global quality standards to

# Customers' NEWS

meet the demand for more fuel-efficient engine technology of customers in the automotive industry.



In the picture: Mr. Apisak Kamwan (3<sup>rd</sup> right), Assistant Director, Industrial Customer Development, Hemaraj, congratulates Dr. Martin Roessing (center), Project Director for Thailand, Borg Warner (Thailand) Ltd., and his team, during the stone laying ceremony for the Borg Warner facility at ESIE.

## JJ-Muntions (Thailand) Grand Opening at Hemaraj CIE



JJ-Muntions (Thailand) Ltd., a joint venture between Muntions Ingredients, UK and Jepsen & Jessen Ingredients, recently celebrated the grand opening of its new production facility at Hemaraj CIE. The company reaffirms its strong position as the preferred supplier of premium specialty malted ingredients to the food and beverage industries in the ASEAN region. This new factory will also enable JJ-Muntions to expand its global portfolio.

In the picture: Mr. David Nardone (center right), Vice Chairman of the Board of Directors and Group Executive Industrial and International, Hemaraj, presents a portrait of His Majesty the King to Mr. Marc Deschamps (center), Regional Managing Director of Jepsen & Jessen Ingredients, Mr. Colin Whitehouse (center left),

General Manager, JJ-Muntions (Thailand), and Mr. Alan Ridealgh (3<sup>rd</sup> left), Group Managing Director of Muntions plc, to mark the auspicious event.

## Bendix Holds Grand Opening of Its Rayong Factory Phase 2 in Hemaraj's Industrial Estate



FMP Group (Thailand) Ltd. and FMP Distribution Ltd., manufacturer and distributor of Bendix brake pads, recently inaugurated the second phase of its factory located at ESIE. With the addition of this state-of-art facility, the BOI-supported company will be able to meet the demand and help drive the growth of its domestic and overseas customers in the automotive industry.

In the picture: Mr. Apisak Kamwan, Assistant Director, Hemaraj Industrial Customer Development, hands over the portrait of His Majesty the King to Mr. Krisanakorn Triwattanathongchai, Director and Financial Controller, FMP Group (Thailand) Ltd. and FMP Distribution Ltd.

## ETK EMS Grand Opening at Hemaraj's Industrial Estate

ETK EMS Asia Productions Ltd., a leading manufacturer and assembler of electronic circuit boards from Denmark, is now ready to expand its operations with its newly-opened factory in ESIE. ETK EMS is looking forward to increasing its production capacity and to continue offering high-quality services to its customers worldwide.



In the picture: Ms. Suchada Limpornpakdee (3<sup>rd</sup> right), Senior Manager - Hemaraj Customer, hands over a portrait of His Majesty the King to Mr. Torben Z. Wendelboe (2<sup>nd</sup> left), CEO of ETK EMS Asia Productions, in the presence of Mr. Torben Drejer (2<sup>nd</sup> right), COO and Mr. Thomas Vinter (far right), President, who came from the ETK EMS Headquarters in Denmark to attend the auspicious event.

## Tidy Metal Plant Grand Opening Ceremony at ESIE in Rayong



Tidy Metal (Thailand) Co., Ltd, a joint-venture between Japan's Taiyo Shoji Co., Ltd and Dynax Industry Co., Ltd, recently launched its new manufacturing plant located at ESIE in Rayong. The facility is equipped with state-of-the-art machinery and technology to produce top-quality special steel parts for clients in various industries, including the automotive sector.

In the picture: Mr. Tanno Michio (2<sup>nd</sup> right), President of Tidy Metal (Thailand) and Ms. Ladda Rojanavilaivudh (right), Director - Land Customer Development of Hemaraj, during the opening ceremony of the new manufacturing plant in Rayong.

## Official Launch of Air International Thermal Systems' RTOC Localization in Thailand



Australia-based Air International Thermal Systems, a leading manufacturer of high value thermal systems and expert in climate control technology, recently celebrated the official launch of its Remote Transition Oil Cooler (RTOC) location in Hemaraj ESIE. The new facility will enable Air International to further enhance its capacity to deliver innovative solutions to its customers in the region.

In the picture: Mr. Todd P. Sheppelman (center, left), CEO, Air International Thermal Systems, USA, receives a welcome gift from Ms. Anchalee Prasertchand (center, right), Director – Hemaraj Industrial Building Customer Development & International, during the official launch of Air International's RTOC facility at Hemaraj ESIE in Rayong. Joining them are Mr. Rejie Samuel (left), COO, AITS, China; Mr. Narongrit Potsirisilpa (2<sup>nd</sup> left), Deputy GM, AITS (Thailand); and Mr. Nicolas Duke (2<sup>nd</sup> right), GM, AITS (Thailand).

## Kusumoto Chemicals (Thailand) Opens New Plant at Hemaraj ESIE



Kusumoto Chemicals (Thailand) Co., Ltd., a subsidiary of Japan's Kusumoto Chemicals Ltd., a leading manufacturer of specialty chemicals for coating and adhesive markets, recently held the grand opening ceremony for its 8-rai plant at Hemaraj Eastern Seaboard Industrial Estate (HESIE) in Chonburi. The new facility equipped with cutting edge technology will expand the company's production to serve clients' demand for its high-quality products.

In the picture: From left to right Mr. Yusaku Kuroita, Managing Director, TSK Engineering (Thailand); Mr. Takehisa Muraki, Managing Director, Thai Takasago; Ms. Ladda Rojanavilavudh, Director - Industrial Land Customer Development, Hemaraj Land And Development; Mr. Keita Kusumoto, President, Kusumoto Chemicals; Mr. Kazuyoshi Harii, Managing Director, Kusumoto Chemicals (Thailand); Mr. Shingo Ishikawa, Vice President, Kusumoto Chemicals; Mr. Yasuki Endo, General Manager, Bank of Tokyo-Mitsubishi UFJ Kanda Branch; Mr. Toshio Yoshioka, General Manager, Sumitomo Mitsui Banking Corp., Chonburi Branch.

## ZEON Celebrates Its 20<sup>th</sup> Anniversary



Zeon Chemicals (Thailand) Co., Ltd., the Thai division of industrial chemicals manufacturer Zeon Corporation of Japan and a BOI-supported company, recently celebrated the 20<sup>th</sup> year of its manufacturing plant and operations at Hemaraj ESIE. Mr. Naozumi Furukawa (3<sup>rd</sup> left – back row), Chairman of Zeon Corporation and Mr. Yutaka Isozaki (5<sup>th</sup> left – back row), Managing Director of Zeon Chemicals (Thailand), led a toast to mark the auspicious anniversary.

## Umicore Opens New Manufacturing Plant in Rayong

Umicore Autocat Thailand Co., Ltd., pioneer in automotive catalyst technology, recently celebrated the grand opening of its new production facility at Hemaraj RIL. Now operating with the most current equipment, this plant will allow the company to meet increasing demand in the region for its high quality automotive catalysts for gasoline and light duty vehicles.



In the picture: Mr. Marc Watzal (right), Plant Manager of Umicore, receives a portrait of HM the King Bhumibol Adulyadej from Mr. Apisak Kamwan, (2<sup>nd</sup> left), Assistant Director-Industrial Land Customer Development and Mr. Sathapanic Piroondee (left), Site Superintendent, Hemaraj, during the inauguration ceremony of Umicore's first production plant in Thailand and the region.

## Stone Laying Ceremony for TOTO (Thailand) at Hemaraj SIL



TOTO (Thailand), subsidiary of Japan's leading producer and supplier of sanitary ware, held the foundation stone laying ceremony for its second manufacturing plant in Hemaraj Saraburi Industrial Land. Outfitted with the latest technology, the new facility will enable TOTO to increase the existing capacity and further expand its production footprint in the region.

# From the Clubs

## Hemaraj Organized Environmental Law Seminar



Hemaraj Land And Development PLC, a public company under the Group of WHA Corporation PCL, recently held its annual Investors Club Seminar at the Eastern Seaboard Industrial Estate in Rayong. Mr. Nopparat Wonganurakchai, Manager of Environmental Monitoring, and Dr. Pornwipa Klansin, Director of Environmental Management from the United Analyst and Engineering Consultant addressed the issue of soil and groundwater contamination and the importance of compliance with ministerial regulations to customers from different industrial estates.

## WHA Group and Chulalongkorn University's Faculty of Engineering Launch a Mobile Unit to Treat Wastewater from Garment Dyeing Process to Honor His Majesty King Bhumibol Adulyadej



WHA Corporation PCL (WHA Group), the Department of Environmental Engineering of Chulalongkorn University's Faculty of Engineering and the Department of Drainage and Sewerage have jointly developed a mobile unit that can treat wastewater resulting from the textile-dyeing process. This project has been launched in Bangkok and its vicinity for the period of national mourning for HM King Bhumibol Adulyadej.

In the picture: Presenting the mobile unit to treat wastewater from textile-dyeing process are Mr. Varanon Laosuwan, (far left), Utilities Project Development Director at WHA Utilities and Power Plc., and Assoc Prof Dr. Khemarath Osathaphan (far right), Head of Environment Engineering Department, Chulalongkorn's Faculty of Engineering.

## ESIE HR Club Donates Money to Pluak Daeng Hospital

ESIE HR Club led by Ms. Kwanta Torungruangyos, former President of ESIE HR Club, together with Mr. Grid Charoenvananatee, President of ESIE HR Club, committee members of HESIE & ESIE and the sponsors of the Club, recently handed



over a cheque in the amount of Baht 284,286 to Mr. Tasanatthep Yimyam, Director of Pluak Daeng Hospital, Rayong. This donation will be used to purchase medical equipment for the hospital.

## Ban Surasak School Meeting Room Renovation



ESIE HR Club led by Ms. Kwanta Torungruangyos, former President of ESIE HR Club along with the committees, members of HESIE & ESIE and sponsors of ESIE HR Club donate Baht 100,000 to Ms. Kanokrak Suwan, Ban Surasak School's principal. The fund will help to renovate the school's meeting room for further educational support.

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# WHA Group Uses Art to Build Stronger Communities

Education has always been a cornerstone of WHA Group's CSR activities. By helping school children through scholarships, providing learning materials, tools and supplies, and supporting various school activities, the company contributes to over 66 schools in the Eastern Economic Corridor, reaching out to more than 200,000 students over the past years.

Initiated over 29 years ago by Hemaraj Land And Development, the main industrial hub of WHA Group, education-related projects have proven to be effective in elevating the quality of life for members of the neighboring communities and in creating a bright future for the youth. Hemaraj's nine industrial estates are all committed to seeing their neighbors improve and prosper through steady progress in the primary and secondary levels, and eventually, preparing them for college and the start of their careers.



## Touching lives through art

For WHA, art is an integral part of children's education, and an essential element in the development of each individual. Colors, shapes and forms are absorbed by each individual in different ways, so art is a medium of expression that opens the channels for creativity. Aside from Maths, Sciences and other academic subjects, schools around the WHA Hemaraj industrial estates are being encouraged to adopt art in their curriculum. "Art should be always be part of one's general education. It is a way of communicating ideas and emotions," said Ms. Jareeporn Jarukornsakul, Group CEO, WHA Corporation PCL. "We believe that teaching art to the youth is an excellent way of empowering them."

One of WHA's successful art projects is "Teaching Art at Hometown", a program

designed to help all teachers appreciate art so that they can impart this to children from the earliest stages. This workshop provides art training for teachers, to make up for the lack of real art teachers in the area. The 4-day session explains the basic principles of art, aesthetics, art history and art criticism. Over 40 teachers this year were given the chance to express themselves through art-making, drawing and coloring. They also learned new ideas and techniques, while developing an eye to recognize beauty in daily life.

The theme for this year's workshop was "Remembering King Rama IX, Father of the Nation," an inspiring subject for all participants of the program. Using watercolor, pencil and crayons and as their media, the teachers were asked to create an artwork depicting an aspect in the King's love for his countrymen.

Organizing art classes that are designed for teachers enables them to bring out the children's potential. Aside from creative talent, art can also help develop intellectual and language skills, for future lawyers or writers, for example, while, graphic designs and drawings could drive the career of future engineers and inventors. The teacher's role is to share art and creativity in the classroom to stretch the imagination of the youth.

**"Art communicates ideas and emotions.  
It is an excellent way of empowering the youth."**

**Jareeporn Jarukornsakul**  
Group CEO WHA Corporation PCL.

"This is a vital part of the learning process. If children are exposed to art at an early age, they learn to create something that could express their thoughts and encourage discussion. The Teachers' Art Camp is beneficial so educators can use art to pass on logical thinking to the children," said Ms. Siyaphas Chantachairoj, Director - Corporate Marketing of WHA Corporation PCL. "Art is a very powerful form of communication."

The Teaching Art at Hometown project was done in collaboration with Inspiresight, an organization that helps enrich societies by bringing art, culture and history to different communities. It has been partnering with Hemaraj, through the Art at Hometown workshop for students since 2009, and the Teaching Art at Hometown workshop for teachers, since 2011.

WHA's engagement to the people has grown constantly each year, with sustainable programs, projects and activities for education, community care and the environment. The company has remained steadfast in its commitment to make impactful contributions that can help assure a brighter future for the youth.



# Social Contribution

## WHA Group Donates to Flood Victims in Southern Thailand



Ms. Jareeporn Jarukornsakul (center right), Group Chief Executive Officer, WHA Corporation PCL, recently handed over a donation cheque of THB 100,000 to Ms. Krittayaporn Dabbhadatta (center left), Deputy Governor, Industrial Estate Authority of Thailand (IEAT) to help those affected by heavy flooding in Southern Thailand. Ms. Siyaphas Chantachairoj (second right), Director - Corporate Marketing of WHA Corporation PCL, was also present during the event along with other company executives.

## Hemaraj Sponsors Influenza Vaccines in Chonburi's Khao Khan Song



Hemaraj recently sent a mobile medical unit to provide free health check-up and influenza vaccines to over 400 senior citizen in Chonburi's Khao Khan Song, including Mr. Mali Klanduang, Mayor of Khao Khan Song Sub-District Municipality. Ms. Siyaphas Chantachairoj, Director - Corporate Marketing of WHA Corporation PCL, together with the medical team and Hemaraj officers, presided over this community health project to promote and improve the wellness of residents in

communities around Hemaraj Industrial Estates, as part of Hemaraj's CSR annual activities.



## WHA Group Donates to Flood Victims in the South



WHA Group, in conjunction with Nation Multimedia Group, donated 10,000 bottles of drinking water and medical supplies to help victims of the recent floods that ravaged Southern Thailand. These relief items will be distributed to people who have lost access to clean water and whose lives were affected by this disaster. Dr. Somyos Anantaprayoon, (2<sup>nd</sup> from left) Chairman of the Board of Directors, and Ms. Siyaphas Chantachairoj, (left) Director - Corporate Marketing of WHA Corporation PCL, are shown delivering the goods to Ms. Walaiporn Tippayasuplak, (2<sup>nd</sup> from right) Nation Group's Senior Vice President at The Nation office.

## GHECO-One's CSR Activity Aims to Create Artificial Reefs



Representatives and executives from Hemaraj, led by Mr. Sunthorn Kongsunthornkitkul (2<sup>nd</sup> from left), Advisor and Ms. Siyaphas Chantachairoj (far left), Director - Corporate Marketing, recently joined the CSR program of GHECO-One Co., Ltd. to build artificial reefs to promote marine life in Banpayoon village, Rayong. This activity was held to help local fishermen with small fishing boats reclaim their livelihood and increase their income.

## Hemaraj Distributes Care Packs to Rayong's Senior Citizens



Hemaraj recently distributed care packs to senior residents and donated medical equipment to Tasit Municipality in Rayong Province. Dr. Somyos Anantaprayoon, Chairman of the Board of Directors and Chairman of the Executive Committee, and Ms. Jareeporn Jarukornsakul, Group CEO of WHA, presided over this CSR project to promote and improve the wellness of residents in communities around Hemaraj's industrial estates.



## Hemaraj Sponsors 2<sup>nd</sup> Pattana Triathlon 2016



Hemaraj was one of the sponsors of the 2<sup>nd</sup> Pattana Triathlon held at the Pattana Golf Club and Resort along the Eastern Seaboard. The sponsorship of this special event, reflects Hemaraj's values to promote a healthy lifestyle.

In the picture: Ms. Rujirapun Juangroongruangkit, Executive Vice President of Pattana Golf Club & Resort and Ms. Siyaphas Chantachairoj (3<sup>rd</sup> right), Director - Corporate Marketing of WHA Corporation PCL, welcome and joins the Pattana Triathlon 2016 press conference with Triathlon Sportsmen at Thai Summit Tower.

## WHA Hosts "Environmental Education Network for Youth"



Hemaraj together with the Khlong Kiew Sub-district Administrative Organization in Chonburi province, recently held the "Environmental Education Network for Youth" activity at Sattahip Naval Base. The whole-day event, which included transplanting corals in the sea, aimed to increase environmental protection awareness among the youth and to encourage them to enjoy nature and outdoor experiences.

## WHA Donation Brings Cheer to Ban Rawoeng School



Hemaraj handed over a THB 75,000 cheque to Ban Rawoeng School, located in the Khao Khan Song Subdistrict of Chonburi. The donation will be used to build an awning in front of the school building. Hemaraj's CSR program aims to support education for the youth in order to improve their quality of life and help them become productive members of society in the future.

## Road Safety and Accident-Prevention Plan



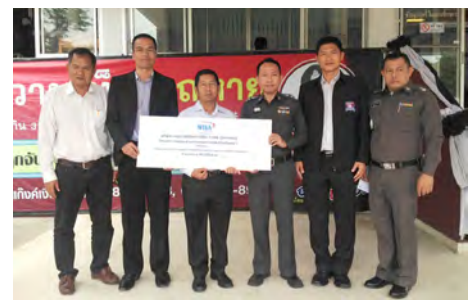
Hemaraj recently handed over a cheque in the amount of THB 10,000 to the Department of Disaster Prevention and Mitigation (Rayong). This donation was given to support the Department's road safety and accident-prevention plan covering the period December 26, 2016 to January 4, 2017.

## WHA Donates Portable Breath Alcohol Testers to Pluak Daeng Police Station



Hemaraj donated portable breath alcohol testers to the Pluak Daeng Police Station in Rayong. This is part of WHA Group's CSR projects for public safety, to prevent drunk driving and lower alcohol-related road accidents.

## Donation for Bowin Sub-district Police Station



Hemaraj donated security equipment such as cones, reflectorized vests and traffic wands to the Bowin Police Station in Sriracha, Chonburi to support the community's police officers and volunteers program. This contribution is in line with WHA Group's CSR project to help the community reduce the number of road accidents and deter crime during long holidays.

# Social Contribution

## WHA Group Donates Rice to Khlong Bang Kasi School



WHA Corporation PCL, led by Ms. Siyaphas Chantachairoj, (second row, center) Director - Corporate Marketing of WHA Corporation PCL, paid a visit to the Khlong Bang Kasi School in Samutprakan to donate 100 kilograms of jasmine rice for students' lunch. This contribution aims to aid local farmers as the country faces a rice oversupply.

## WHA Group Donates Rice to Public Schools Nearby Hemaraj Industrial Estates in Eastern Seaboard and Saraburi



Hemaraj, led by Ms. Siyaphas Chantachairoj, (second row, 3<sup>rd</sup> right) Director - Corporate Marketing of WHA Corporation PCL, donated

10,000 kilograms of jasmine rice to 88 public schools located close to Hemaraj Industrial Estates in the Eastern Seaboard and Saraburi. This CSR activity aims to support Thai farmers who are currently faced with an oversupply of rice and support the students' lunch.

## WHA Group Offers Donation to Flood Victims in the South



Mr. Sunya Baopoonthong (left) Corporate Affair Manager, Hemaraj Land And Development PLC, a subsidiary of WHA Corporation PCL, recently handed over a cheque in the amount of THB10,000 to Banbung District Chief Officer Pinet Lertkhemmatatto help victims of the recent floods that ravaged Southern Thailand.

## WHA Group Renews Chonburi FC Sponsorship



Hemaraj has renewed its sponsorship of Chonburi FC for the 10<sup>th</sup> consecutive year, to promote sports and enhance health among the youth and to maintain its full support for the local community. Mr. Preeprem Malasit (4<sup>th</sup> right, second row), Hemaraj Advisor, pledged Hemaraj's sponsorship at the Bang Sai Chonburi Stadium in the presence of Chonburi FC club officials, team players.

## Hemaraj Donates First Aid Kits



Mr. Sunya Baopoonthong (left), Corporate Affair Manager, Hemaraj Land And Development PLC, a subsidiary of WHA Corporation PCL, delivered first aid kits to Sillatham Samakhom Rescue Foundation (Mengsimtua) and Paewyaengtai Buddhist Association Sriracha in Chonburi province. The aim of the donation is to give first responders and rescue workers necessary materials in case of emergency and to provide a safe environment for people within the community.

## WHA Group Gives 5-Million Baht Sponsorship to Rayong Football Club



Hemaraj recently handed over a 5 million Baht contribution to the Rayong Football Club. This donation affirms Hemaraj's active participation and continuing commitment to youth-oriented programs in the local community. Hemaraj Land And Development executives Mr. Sunthorn Kongsunthornkitkul (3<sup>rd</sup> right), Hemaraj's Advisor and Mr. Rakphol Kangnoy (2<sup>nd</sup> right), Director - Industrial Estate Operation present the contribution to Rayong Football Club officers Mr. Daeshathorn Roobraekha (center left), Chairman; Mr. Adul Niyomsaman (4<sup>th</sup> left), Vice Chairman, Mr. Pramote Chantamit (2<sup>nd</sup> left), Team Manager and Mr. Sanith Buddhasank (3<sup>rd</sup> left), Head of Nonglaloek Subdistrict Administrative Organization.

# Training Programs

Hemaraj Training Center , Eastern Seaboard Industrial Estate (Rayong)  
January-December 2017

No.	Course	Course/ person (Baht)	Jan'17	Feb'17	Mar'17	Apr'17	May'17	Jun'17	Jul'17	Aug'17	Sep'17	Oct'17	Nov'17	Dec'17
1	การขับรถ Forklift อย่างถูกวิธีและปลอดภัย Operation Technique of Forklift Truck	1,800.00	Fri,20		Fri,17		Fri,19		Fri,21		Fri,22		Fri,17	
2	การขับรถ Forklift อย่างถูกวิธีและปลอดภัย Operation Technique of Forklift Truck	1,800.00		Fri,17		Wed,26		Fri,16		Fri,18		Fri,20		Fri,22
3	คณะกรรมการความปลอดภัยอาชีวอนามัยและ สภาพแวดล้อมในการทำงาน Health, Safety and Working Environment Committee (รปอ.)	2,300.00	Tue-Wed 24-25			Mon-Tue 24-25			Tue-Wed 18-19			Tue-Wed 10-11		
4	เจ้าหน้าที่ความปลอดภัยในการทำงานระดับหัวหน้างาน SAFETY OFFICER : SUPERVISOR LEVEL	2,300.00		Thu-Fri 23-24			Wed-Thu 24-25			Wed-Thu 9-10			Tue-Wed 14-15	
5	เจ้าหน้าที่ความปลอดภัยในการทำงานระดับบริหาร SAFETY OFFICER : MANAGEMENT LEVEL	2,500.00			Mon-Tue 20-21			Mon-Tue 5-6			Thu-Fri 7-8			Mon-Tue 18-19
6	การปฐมพยาบาลเบื้องต้นและการช่วยฟื้นคืนชีพ First Aid & CPR Course	1,600.00			Fri,10			Fri,9			Mon,11			Thu,14
7	สารเคมีอันตรายและระงับเหตุสารเคมีรั่วไหล Chemical Hazard and Spill management	2,500.00		Wed,8						Mon,21				
8	การสร้างพฤติกรรมความปลอดภัยด้วย BBS (Behavior Based Safety)	2,500.00			Fri,24						Tue ,26			
9	ไคเซ็น (KAIZEN)	2,500.00					Fri,26					Fri,27		
10	การสร้างจิตสำนึกความปลอดภัยด้วยกิจกรรม การที่ยังรู้อันตราย KYT KYT (Kiken Yoshi Training)	2,500.00						Fri,23					Tue ,7	
11	5ส. เพื่อการเพิ่มผลผลิตลดต้นทุนเพิ่มกำไร (5S for Productivity Improvement)	2,500.00							Wed,5					
12	การพัฒนาภาวะผู้นำ Leadership Development	2,000.00	Fri,27							Fri,25				
13	7 ทักษะสำหรับหัวหน้างาน (7 Supervisor skill) สำหรับหัวหน้างานใหม่และหัวหน้างานในระดับต้น	2,000.00		Fri,10							Fri,15			
14	สุดยอดหัวหน้างาน (Excellent Supervisor) สำหรับหัวหน้างานตั้งแต่ระดับกลางขึ้นไป	2,000.00				Mon,3						Mon,16		
15	สุดยอดศิลปะการบังคับบัญชาในระดับ 5 ดาว Excellent Arts of Supervisory skill	2,000.00					Tue ,16						Fri,10	
16	เป็น"หัวหน้างาน"อย่างไรให้ได้ใจผู้ร่วมงาน E.Q. for Great Supervisor	2,000.00						Mon,19						Wed,20
17	การสร้างภาวะผู้นำในการเป็นหัวหน้างาน (Leadership for Leader)	2,000.00			Wed,15								Mon,20	
18	ทักษะการสื่อสารสำหรับหัวหน้างาน (Communication skill for leader)	2,000.00							Tue ,25					
19	Microsoft Excel2013 : Basic level	2,000.00	Fri,20					Fri,16						
20	Microsoft Excel2013 :Intermediate level	2,000.00		Fri,17					Fri,21				Fri,17	
21	Microsoft Excel2013 :Advanced level	2,000.00			Fri,17					Fri,18				Fri,22
22	Microsoft PowerPoint2013 :Intermediate-Advance	2,000.00				Wed,26					Fri,22			
23	Microsoft Word2013 :Intermediate-Advance	2,000.00					Fri,19					Fri,20		
24	TOEIC Test at ESIE	-		Thu,9		Fri,21		Thu,8		Fri,11		Thu,12		Fri,15

## Remarks

- Discount of 10% for Hemaraj customers.
- Prices include handouts, coffee break and/or lunch (VAT charges are excluded).
- There is a withholding tax of 3%.
- Date and time is subject to change, please call to confirm in advance.
- Please make a reservation at least 2 weeks before the starting date.

For more information, please call Khun Wanna at

tel: 038 955 263, 038 955 282, 038 955 283 fax: 038 955 281

or e-mail: training@hemaraj.com

# Hemaraj Skill Cooperation Academy (March - September 2017) Training Programs

หลักสูตรฝึกอบรม ศูนย์ความร่วมมือฝึกอบรมทักษะอุตสาหกรรมเทมราช (มีนาคม - กันยายน 2560)

Fields	No.	Module	Customer Fee (Baht)	Duration (Day)	Participants									สถานที่ Venue
						Mar	Apr	May	Jun	Jul	Aug	Sep		
Mold and Die Technology กลุ่มเทคโนโลยีแม่พิมพ์	1	Plastic Mould Technology เทคโนโลยีแม่พิมพ์พลาสติก	6,000	2	20	13-14								ESIE Plaza 1
	2	Metal Stamping Technology เทคโนโลยีแม่พิมพ์ขึ้นรูปโลหะ	6,000	2	20		18-19							ESIE Plaza 1
	3	Analysis and Troubleshooting Plastic Injection Moulding การวิเคราะห์และแก้ไขปัญหาคุณภาพชิ้นงานฉีดพลาสติก	6,000	2	20			15-16						ESIE Plaza 1
	4	Analysis and Troubleshooting for Sheet Metal Forming การวิเคราะห์และแก้ไขปัญหาทางขึ้นรูปโลหะแผ่น	6,000	2	20				8-9					ESIE Plaza 1
	5	Checking Fixture ฟิกเจอร์สำหรับงานตรวจสอบ	5,200	2	20					26-27				ESIE Plaza 1
Technical Skill Development กลุ่มพัฒนาทักษะทางเทคนิค	6	Corrosion in Piping System การป้องกันการกัดกร่อนในระบบท่ออุตสาหกรรม	3,200	1	20	20	21							ESIE Plaza 1
	7	Implement of Machinery Safety การดำเนินการเพื่อความปลอดภัยในเครื่องจักรกล	3,200	1	20	17					18			ESIE Plaza 1
	8	ความหมายของสัญลักษณ์ GD&T	3,200	1	20						9			ESIE Plaza 1
	9	Sensor Technology เทคโนโลยีเซ็นเซอร์	3,200	1	20			16	13					ESIE Plaza 1
	10	BEARING APPLICATION & FAILURE ANALYSIS การวิเคราะห์ความเสียหายของตลับลูกปืน	7,000	2	20			17-18						ESIE Plaza 1
HR Development การพัฒนาบุคลากร	11	English for Engineers	8,500	5	30						21-25			ESIE Plaza 1
	12	Effective English Presentation	8,500	5	30							4-8		ESIE Plaza 1
Specific Technical Skill Development การพัฒนาทักษะด้านอุตสาหกรรมและวิชาชีพเฉพาะด้าน	13	หลักสูตร ระบบมาตรฐาน ISO 9001 : 2015 Requirements	4,500	2	40	9-10								ESIE Plaza 1
	14	หลักสูตร ระบบมาตรฐาน ISO 9001 : 2015 Internal Audit	4,500	2	40			18-19						ESIE Plaza 1
	15	หลักสูตร ระบบมาตรฐาน ISO 14000 : 2015 Requirements	4,500	2	40				15-16					ESIE Plaza 1
	16	หลักสูตร ระบบมาตรฐาน ISO 14000 : 2015 Internal Audit	4,500	2	40					20-21				ESIE Plaza 1
	17	หลักสูตร ระบบมาตรฐาน ISO 17025 : 2005 Requirments	4,500	2	40						17-18			ESIE Plaza 1
	18	หลักสูตร ระบบมาตรฐาน ISO 17025 : 2005 Internal Audit	4,500	2	40							14-15		ESIE Plaza 1



## TRAINING PROGRAM

by



**Hemaraj Industrial Skills Cooperation Academy (HISCA)**

### Industrial Skills Development Courses

organized by WHA Group, Thai - German Institute,  
King Mongkut's University of Technology Thonburi (KMUTT)  
and Department of Skill Development

**Venue:** ESIE Plaza 1

Eastern Seaboard Industrial Estate (Rayong)



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**038 955282**

Please feel free to contact:

Thai-German Institute: Khun Apinya 038 215 033-9

King Mongkut's University of Technology Thonburi (KMUTT) : Khun Sureerat 02 470 9630-34

Department of Skill Development: Khun Vinai 089 240 8390

Hemaraj Industrial Skills Cooperation Academy (HISCA): Khun Nattakarn 038 955 282-3

For more information, please visit: [http://www.hemaraj.com/page/intro\\_training.asp](http://www.hemaraj.com/page/intro_training.asp)

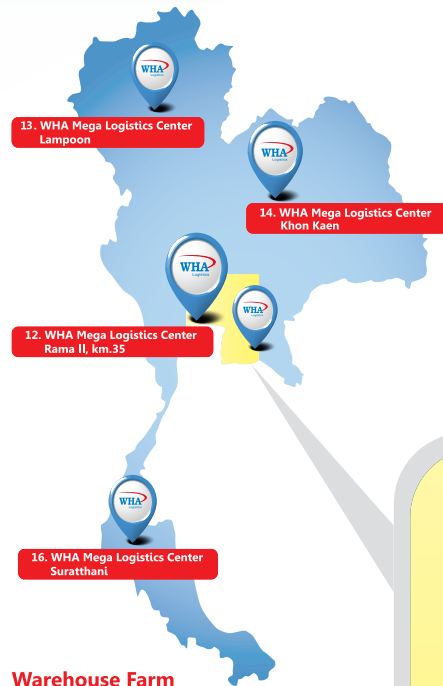
Fields	No.	Module	Customer Fee (Bath)	Duration (Day)	Participants									สถานที่ Venue
						Mar	Apr	May	Jun	Jul	Aug	Sep		
Basic Skill Development การฝึกงานทักษะเทคนิคขั้นพื้นฐาน	19	Mag Welding การเชื่อมแม็ก	700	3	20					24-26			Rayong Skill Development Center	
	20	Tig Welding การเชื่อมทิก	700	3	20	27-29					28-30		Rayong Skill Development Center	
	21	MMAW Welding การเชื่อมอาร์กโลหะด้วยมือ	700	3	20		24-26					25-27	Rayong Skill Development Center	
	22	Spot Welding การเชื่อมจุด	700	3	20			29-31					Rayong Skill Development Center	
	23	Penetrant Welding Inspection with PT การตรวจสอบงานเชื่อมด้วยสารแทรกซึม PT	700	3	20					26-28			ESIE Plaza 1	
	24	CNC Milling Machine	700	3	20			9-11				16-18	Rayong Skill Development Center	
	25	Using Measuring the Dimension การใช้เครื่องมือวัดละเอียดทางด้านมิติ	700	3	20		18-20		14-16				ESIE Plaza 1	
	26	CNC maintenance การซ่อมบำรุง CNC	700	3	20		19-21				22-24		Rayong Skill Development Center	
	27	NUT and BOLT	700	3	20	8-10		9-11					ESIE Plaza 1	
	28	CNC Machining and Parts for Automotive Industry งานกลึง CNC สำหรับอุตสาหกรรมยานยนต์และชิ้นส่วน	700		20	28-30						5-7	Rayong Skill Development Center	
	29	Computer Control CNC Lathe for Automotive Industry and Parts ช่างควบคุมเครื่องกลึง CNC สำหรับอุตสาหกรรมยานยนต์และชิ้นส่วน	700	3	20			17-19		4-6			Rayong Skill Development Center	
	30	Lathe Operator ช่างกลึง	700	3	20	14-16				18-20			Rayong Skill Development Center	
Basic Skill Development การฝึกงานทักษะเทคนิคขั้นพื้นฐาน	31	PLC (Level 1)	700	3	20					8-10		ESIE Plaza 1		
	32	PLC (Level 2)	700	3	20						12-14	ESIE Plaza 1		
	33	Application of Inverters in Industrial Applications การประยุกต์อินเวอร์เตอร์ในงานอุตสาหกรรม	700	3	20	8-10							ESIE Plaza 1	
	34	The Design and Application of the Relay in Automatic Control Systems การออกแบบและประยุกต์ใช้วงจรรีเลย์ในระบบควบคุมอัตโนมัติ	700	3	20	21-23							ESIE Plaza 1	
	35	The Application of Industrial Touch Screen (HMI) การประยุกต์ใช้หน้าจอสัมผัสทางอุตสาหกรรม (HMI)	700	3	20			5-7		18-20			ESIE Plaza 1	
	36	Servo Motor Applications in Industrial Applications การประยุกต์ใช้ Servo Motor ในงานอุตสาหกรรม	700	3	20		25-27	17-19					ESIE Plaza 1	

<b>Conduct by</b> ดำเนินการโดย	Course no. ลำดับที่ 1-10 Thai German Institute (TGI)	Course no. ลำดับที่ 11-18 King Mongkut's University of Technology Thonburi (KMUTT)	Course no. ลำดับที่ 19-45 Rayong Skill Development Center (RY-ISD)
	<b>Inquiries</b> ติดต่อสอบถามหลักสูตร	อภิญา จันทะเรือง apinya.c@tgi.mail.go.th 038 215 033-9, 038 930 100 ext.6802	สุรรัตน์ จันน sureerat.jan@kmutt.ac.th 02 470 9630-34

**Register at Hemaraj Plaza 1**  
ลงทะเบียนที่ศูนย์ฝึกอบรมพระราช พลาซ่า 1:

1. ว่าที่ร้อยตรี วัลย์ สุชัยดี	kenywin@yahoo.com
	089 240 8390
2. ณัฐกานจน์ กานตวิชญ์/ ปิฎญา บังกร	natthakarnk@hemaraj.com
	038 955 263, 038 955282-3

# WHA & Hemaraj's strategic locations for your investment



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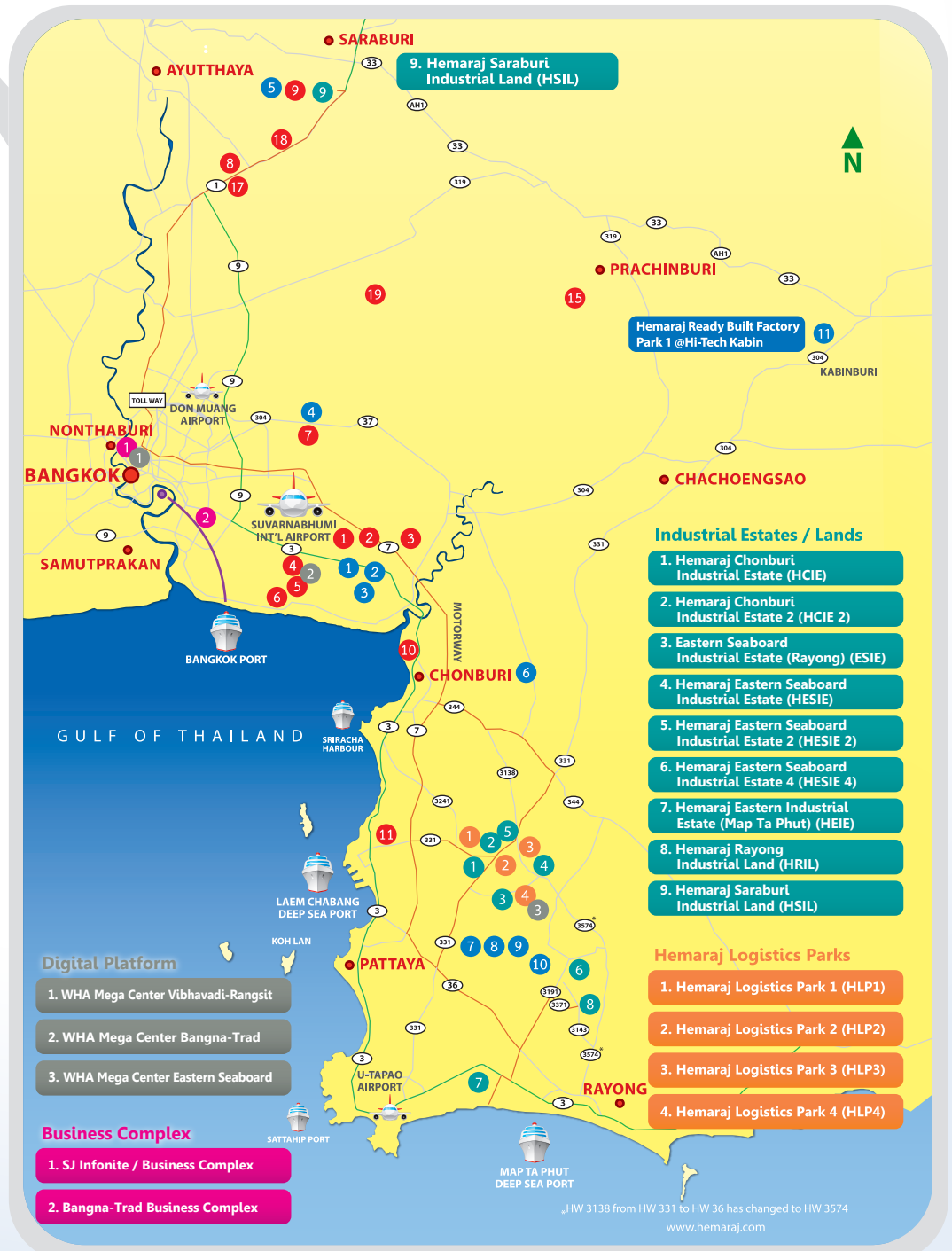
- 9+ Industrial Estates
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- Ready Built Factories & Warehouses

### Warehouse Farm

1. WHA Mega Logistics Center Bangna-Trad km.18
2. WHA Mega Logistics Center Bangna-Trad km.19
3. WHA Mega Logistics Center Bangna-Trad km.23 (2 Phases)
4. WHA Mega Logistics Center Chonlaharnpichit km.3 (2 Phases)
5. WHA Mega Logistics Center Chonlaharnpichit km.4
6. WHA Mega Logistics Center Chonlaharnpichit km.5
7. WHA Mega Logistics Center Ladkrabang
8. WHA Mega Logistics Center Wangnoi 61
9. WHA Mega Logistics Center Saraburi
10. WHA Mega Logistics Center Panthong, Chonburi (2 Phases)
11. WHA Mega Logistics Center Laemchabang
12. WHA Mega Logistics Center Rama II, km.35
13. WHA Mega Logistics Center Lampoon
14. WHA Mega Logistics Center Khon Kaen
15. WHA Mega Logistics Center Kabinburi
16. WHA Mega Logistics Center Suratthani
17. WHA Mega Logistics Centers Wangnoi 61 Phase 2
18. WHA CENTRAL Mega Logistics Center Wangnoi 63
19. WHA Mega Logistics Center Lum Luk Ka

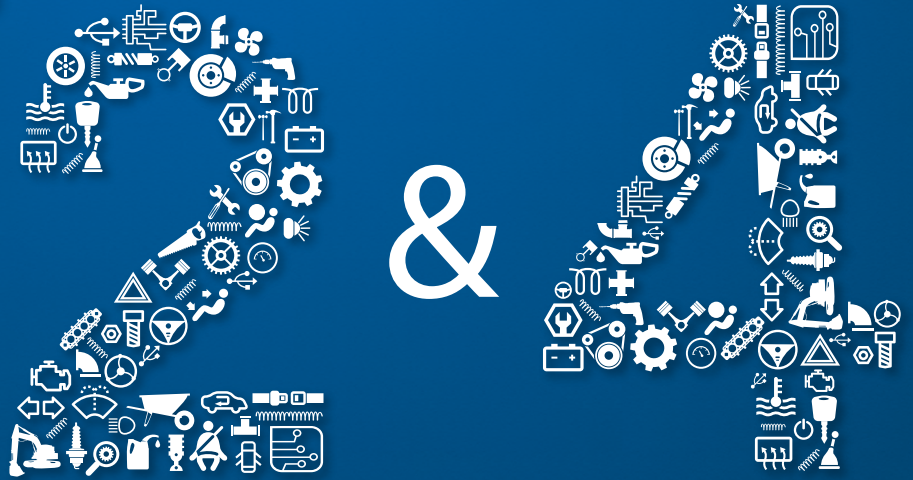
### Built-to-Suit Factories and Warehouses

1. Consumer Goods Distribution Center
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3. Hazardous Goods Distribution Center
4. Ladkrabang Logistics Center (2 Phases)
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