

# THE 2019 AABI AWARDS CEREMONY

On November 7<sup>th</sup>, 2019, the 2019 Asian Association of Business Incubation (AABI) Awards Ceremony was held at Hong Kong Science and Technology Parks (HKSTP) in Hong Kong, China.

AABI annually honors among its member organizations with the prestigious Incubator of the Year Award, as well as the Torch Awards for outstanding startups. This year, a total of **THREE** incubators were awarded with the AABI Incubator of the Year Award and **SEVEN** entrepreneurs were awarded with AABI Torch Entrepreneur Awards.



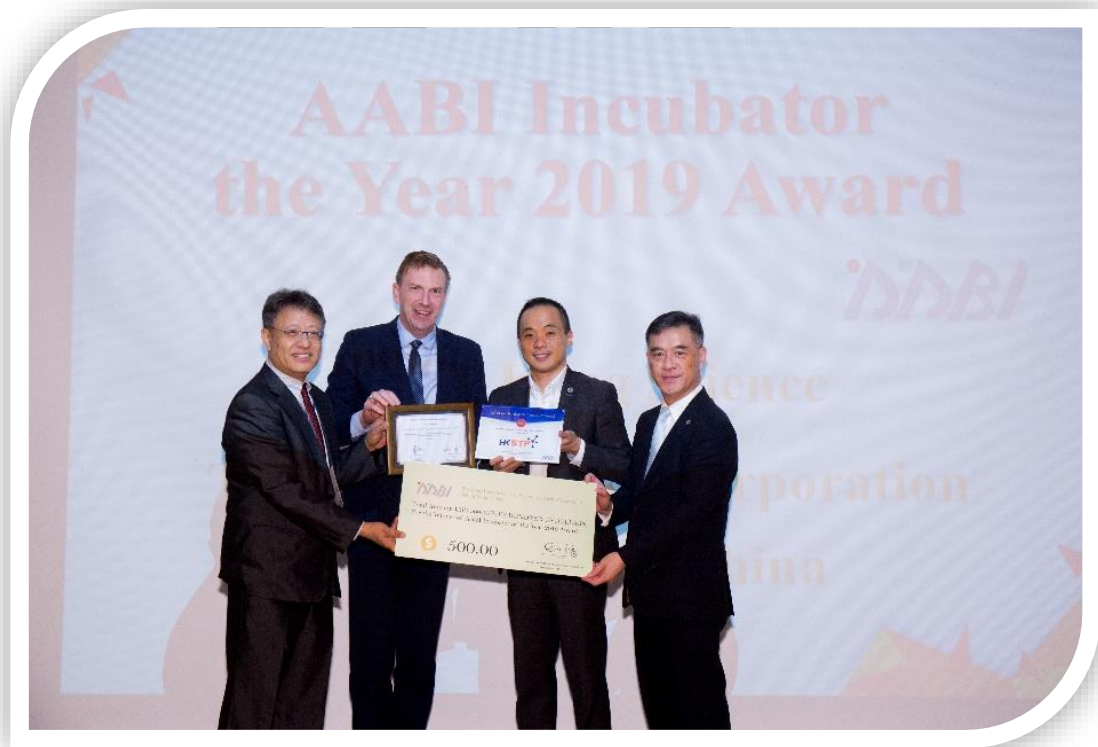
*AABI Incubator of the Year Award (2019)*

**About Award:**

The AABI Incubator of the Year Award is designed to promote the development of incubators within Asia-pacific region by giving recognition to incubators with the most outstanding performance in the past year.

**Winners are:**

- ❖ Hong Kong Science and Technology Parks Corporation (Hong Kong, China)
- ❖ Website: [www.hkstp.org](http://www.hkstp.org)



Comprising Science Park, InnoCentre and Industrial Estates, Hong Kong Science &



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Technology Parks Corporation (HKSTP) is a statutory body dedicated to building a vibrant innovation and technology ecosystem to connect stakeholders, nurture technology talents, facilitate collaboration, and catalyse innovations to deliver social and economic benefits to Hong Kong and the region.

Established in May 2001, HKSTP has been driving the development of Hong Kong into a regional hub for innovation and growth in several focused clusters including Electronics, Information & Communications Technology, Green Technology, Biomedical Technology, Materials and Precision Engineering. Technology businesses can benefit from HKSTP's specialised services and infrastructure at Science Park for applied research and product development; enterprises can find creative design support at InnoCentre; while skill-intensive businesses are served by its three industrial estates at Tai Po, Tseung Kwan O and Yuen Long. Besides, startups at any stage of their development can receive services and support from HKSTP, from Pre-Incubation Support, to the prominent Incubation Programmes, and to the Enterprise Acceleration.

As Hong Kong's largest innovation and technology incubator, HKSTP provides an eco-system for start-up companies in the region. The eco-system is supported by different teams and programmes run by experienced staff. Many of the staff are professionals and domain experts in different fields from Entrepreneurship, Engineering, Investment, to Marketing and so forth. Some of the staff are also certified trainers or university lecturers themselves. Also some were entrepreneurs which had very successful business experiences. All these talents helps HKSTP to provide the best incubation environment to the start-up companies in the Park.

- ❖ China IoT International Innovation Park (China)
- ❖ Website: <http://iot-park.com/Index/index.html>



微纳园  
IOT-Park.com



China IoT International Innovation Park (hereinafter referred to as “MEMS Park”) is the first professional intelligent sensor park in China and the first national professional incubator themed with “IoT technology”. It mainly undertakes IoT research and IoT business incubation. Jiangsu Provincial University Student IoT Startup Park, Jiangsu Provincial IoT Industry Accelerator, and Jiangsu Provincial Maker Space, namely, Chuangxing Coffee, are set up in the Park to provide IoT enterprises with services of “seedbed (maker space)-incubator-accelerator” throughout the technology business incubation chain, offering customized solutions for technology enterprises at different stages of development.



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MEMS Park adopts the business mode of market-oriented operation guided by the government. The Park is constructed and operated by Wuxi Mems-Park Investment & Development Co., Ltd. (hereinafter referred to as “Mems-Park company”). Mems-Park company is a joint venture by Wuxi High-tech Industry Development Zone (“Wuxi National High-tech Zone”) and Wuxi Guolian Industrial Development Co., Ltd. (“Guolian Group”) with a registered capital of RMB 400 million. It is a market-oriented business to enjoy the complementarity of the two shareholders. Mems-Park company has fully utilized resources of both shareholders and established a specialized and socialized innovation service system centered on the key areas of technology finance, technology business, technology information, technology law, and technology talents in terms of its operation and construction. It has received strong support in the aspect of policy, capital and manpower from its two shareholders which work together and have resources complementary to each other.

Up to now, MEMS Park has introduced a total of 785 technology businesses, gathering 50 high-tech enterprises, 30 double-soft enterprises, 2 major science and technology innovation platforms, 15 research and development institutions at the municipal level and above, 90 high-level talents and teams, and 10 NEEQ enterprises, 50 companies that are classified into the young eagle, gazella and quasi-unicorn enterprises. So far it has brought in a total of 32 leading talent at the city level, 26 talents and 3 teams of innovation and entrepreneurship at the province level.

- ❖ Science and Technology Park, Chiang Mai University (CMU-STeP) (Thailand)
- ❖ Website: <http://www.step.cmu.ac.th/>



Established in 2014, CMU-STeP is an organization that links Chiang Mai University and industrial sectors to enhance research commercialization under the concept of quadruple helix model, the innovation system by collaboration of private sector, academic sector and government sector. CMU-STeP is headquartering of Thailand Northern Science Park, one of the 3 Thailand regional science park supported by Ministry of Higher Education, Research, Science and Innovation. CMU-STeP conducts Northern Science Park project with other 6 main universities in Northern Thailand via several platforms and services such as Technology Business Incubation (TBI), collaborative research, intellectual property management, innovative design, etc. At the present, each university uses their



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own facilities to serve the private sectors while the main building is being constructed at Mae Hia campus of Chiang Mai University, expected to be completed by the end of 2017 and create economy impact to the region. CMU-STeP also has been the secretariat of Creative Chiang Mai since 2012, Creative Chiang Mai is one of key stakeholders which create and support regional innovation ecosystem through various projects and activities.

CMU-STeP's Incubation services cover a wide range of focus industries including agriculture and food, medical and biotechnology, IT software, digital content, IOT, energy technology and material science. CMU-STeP's incubation services are divided into 3 main programs which are Pre-Incubation, Incubation and Post-Incubation, each of them has services suitably designed for entrepreneurs in its supporting programs.

During 5 years of operations, CMU-STeP has more than 200 companies graduated from its comprehensive platforms. Till 2019, there are 38 companies running in its incubation program and 325 companies have used its services as pre-incubation program and others. It has utilized more than 3,800 square meters as service area for incubatees and clients, with more than 40 tenants, 3 co-working spaces and open space running by CMU-STeP. These spaces are currently hosting 25 startup companies within its incubation program as their office. Besides, CMU-STeP also provides rental services for other enabling companies involved in startup ecosystem to be accommodated such as government agency, big corporates, venture capital and other facilities. CMU-STeP has been working with 300 professors and researchers and nearly 3,000 students from Chiang Mai University through its programs.

*AABI Torch Entrepreneur Awards (2019)*

**About Award:**

Supported by China Torch High Technology Industry Development Center and sponsored by Shanghai Technology Innovation Center, the AABI Torch Entrepreneur Awards are designed to promote commercial activities in Asia-pacific region by honoring outstanding entrepreneurs leading innovation programs connected to AABI members.



**Winners of the AABI Torch Award for Technology Transfer (2019) are:**

- ❖ Dr. Choi Tsang Ming Michael, Cypress Bio-Tech Company Limited (Hong Kong, China)



Cypress Bio-Tech Co., Ltd. was formed by a group of professionals from the synthetic



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organic chemistry and textile chemistry industry. It aims to create highly effective, safe, and affordable anti-insect protecting solution to safeguard families from biting insects. Cypress's R&D focusing on the application of insect repellent without any additional effort, equipment and unpleasant process. The invented products are down-to-earth, easy for everyone to use, and without changing the daily lifestyle of household.

The insect repellent product of Cypress is a unique textile impregnation treatment that repels a host of biting insects including mosquitoes, midges, bed bugs, sand flies and fleas. It is up to 90% effective in repelling blood feeding and bites. It is durable and long lasting. The impregnation treatment can be transformed to different product form such as fabric softener, dryer sheet, spray, fabric coating, etc. Under regular laundry program, a protection shield against mosquito bites will be created after wash. The patented technique allows slow release and stability on different surface, in order to trigger active ingredients to perform efficiently but at the same time to lower the dosage of active ingredients ten times and less.

Dr. Michael Choi is the Chief Technology Officer of Cypress BioTech Co Ltd. He graduated from the Department of Chemistry of The Chinese University of Hong Kong with a MPhil degree in 1999 and a PhD degree in 2004. He worked in the areas of organic synthesis and dye chemistry and had 13 publications in the international journals. After his graduation, he joined Dr. David Dolphin group at University of British Columbia in Canada to develop next generation PDT drugs until he moved to USA. While he was in USA, he was appointed as a principle scientist in a contract research company. He joined NAMI and CK Lifescience in 2011 and 2017 as a research project manager. He had provided his support to the production team in China to translate bench-top work to a manufacturable scale-up process, including the development of DOE. Manufacturing prototypes were successfully developed and the product is successfully commercialized and launched in the market. He has more than 8 years project management experience including different ITC projects, and over 20 years' experience in organic synthesis

technologies.

- ❖ Prof. YU Jiahuan, Shenyang JDBC Science and Technology Co., Ltd. (China)



Shenyang JDBC Science and Technology Co., Ltd. is a platform specifically designed to transform the achievements and scientific researches of Shenyang Jianzhu University. Till 2018, the company has successfully launched a series of products such as cement-based repair materials. The application range of this product has been extended from the rapid repair of building exterior walls, roofs and facades to municipal roads, inspection wells, highways, anti-collision walls, airports, fast trunk roads, bridge expansion joints, pavement layers, underwater damaged buildings, bridge floor side panel damage surfaces, highway drains, and quick repair of cold storage floors under various climatic conditions. The product of JDBC now has covered not only Liaoning province in northeastern China, but also the national market and reached the domestic leading level.

Professor Yu Jiahuan, the leader of the company's research team, edited the industry standard JT/T1211.1-2018 Quick repair materials for cement and concrete used in



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highway engineering. It has been promulgated and implemented, and obtained the test report of the Ministry of Communications of China and China Civil Aviation. The Ministry of Communications has promoted the certificate and successfully transformed the results. All products of the company have independent intellectual property rights, and have been authorized 9 patents for inventions and utility models in China, and now applying for 2 US invention patents.

The successful transformation of this project contributes to the development of fast-hardened fiber concrete with ultra-high-strength and toughness, simple construction and competitive price. It was registered as “Ludi” brand trademark and obtained the test of the research center of China National Civil Aviation Airport Construction Group Corporation. It is reported that the compressive strength of the product for one hour can reach 30Mpa, and the flexural strength reaches 5Mpa, which meets the requirements for opening.

JDBC’s products can be applied in the constructions of highways, municipal roads, airports, underground engineering, high-speed rail, low temperature repair, cross-sea bridge piers, drainage systems, sports venues, etc. Besides, the quality of its product is in the national leading level and international advanced level. For the future development, the company strives to expand domestic market share and meanwhile enter into the international market with 2 to 3 new varieties of specialized production. According to the current market and product evaluation, the project is expected to invest 5 million RMB in the next five years, which will be used to upgrade the equipment and construction technology. The expected economic income in the fifth year alone would be 10-18 million RMB.

*Winners of the AABI Torch Awards for Internationalization (2019)*

- ❖ Mr. Jae Duck Yu, HnB9 corporation (Korea)



Established in February 2015, HnB9 corporation is a bio cosmetic specialist corporation that pursues comprehensive solutions based on expertise in fields such as product planning, trademark, design, functional cosmetics raw material development, and product development.

Its main business area is distribution business of global cosmetics brands, which accounts for 90% of total sales (KRW 6 billion), and also the development of private cosmetics brand and commercializing ODM / OEM. In overseas brand distribution business, five overseas brands were launched in Korea. Among them, 'Hometa' products are being sold at home shopping, duty free shops and department stores including CJ Home Shopping and Hyundai Home Shopping. In order to expand our ODM / OEM business, the company has recruited the professional managers for factory facilities and cGMP certification as well as the researchers specialized in cosmetic formulations and professional designers for cosmetics.

The company has expanded its R&D area with active joint research with company-affiliated research institutes and research cooperation organizations. Currently, it has ‘coffee meal’ cosmetic composition technology and plant stem cell technology and is developing new cosmetic raw materials that are effective for skin aging and wrinkle improvement. Till 2018, the company has registered 1 patent, 7 applications, and published in international journals.

For global business, the company acquired exclusive licenses of global premium brands and launch in Korea. The 5 European cosmetics brands exclusively launched in Korea are Blencreme, Hormeta, Saturnia, Sans, Gourmandes. The global premium brands sales volume in 2018 reached about 5.4 billion. For domestic business, the company has its own know-how by analyzing and designing customer's needs. Besides, by registering their own factory in 2019, the business scope of HnB9 now covers research and develop, brand design as well as manufacturing.

❖ Mr. Abdullah Bahabri, NOTA NOTA (Saudi Arabia)





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NOTA NOTA is a “smart perfume mixing machine” connected to a social network. Nota-Nota offer consumers the chance to become perfume designers, creating their own unique perfumes to reflect their style. NOTA NOTA allow customers to get the machine and design and make their perfumes at home as a personal perfume printer and mixer, or to visit the store and to print and mix his out perfume and to buy it as a bottle.

NOTA NOTA is the first company which introduced a machine and platform that enabled the average consumer to Personalise and customize their perfume experience and to share the perfume concoction over the internet. NOTA NOTA has digitized the perfume industry. Its business model is based on selling perfumes to consumer. Revenues are generated from selling cartridges for the mixing machine or selling the experience at retail (in which, the consumer will design and produce their perfume at retail space).

NOTA NOTA can integrate with retailers globally to introduce perfume personalization at their stores. For example, the company has already signed an LOI with the second-largest perfume retailer in Brazil (with 4000 stores) to introduce NOTA NOTA in their retail spaces. NOTA NOTA is aiming to expand it collaboration with corporates by licensing its technology and collaborating with Brands to introduce cobranding cartridges. NOTA NOTA is now partnering with Whites (100+ stores) in Saudi Arabia, Alos, planning to start with O'Boticario group (4000 stores) in Brazil late 2019.

Abdullah Bahabri is an Electrical Engineer by profession who graduated from King Saud University (KSU) in 2007. He has joined Entrepreneurship fellowship program in KSU in the year 2007. Abdullah worked as Business Development officer in EBRAM Investment before he founded NOTA NOTA in 2014.

*Winners of the AABI Torch Awards for Promising Entrepreneur (2019)*

- ❖ Mr. Kelvin Wong, Neosen Energy HK Ltd. (Hong Kong, China)



Neosen Energy specialises in wireless power, solar renewable energy transformation and LoRa hardware development. It focuses on upfront energy related development in general. The solutions of Neosen Energy are all related with upfront technology and engineers are responsible in different categories but all categories can be combined into a complete solution. Now the revenue of Neosen Energy is mainly generated by selling wireless chargers directly to consumers (including hotel, restaurant and cafe) and selling wireless charging design and manufacturing service to other business for the manufacture of their own wireless products.

The company puts more focus and resources into IoT solution, especially on using LoRa to develop a low cost and long range tracking solution. A tracking solution for everything from cattle animals and airline bags to nursing home and hospital patients, construction site workers, office staff and university students. In the upcoming future, Neosen Energy will set-up its own printable battery production line in HK, this low cost paper-thin battery

can help to serve the needs of various industries, like baggage or parcels tracking. There is a huge demand in the market and the company is targeting a 4 billion disposable tags daily/weekly/monthly consumption market.

Mr. Kelvin Wong is currently in charge of Neosen Energy HK Limited. He has been serving contract manufacturing and supply chain industries for over 15 years and his recent position was General Manager in a product development company which promotes wireless charging solutions. With his fruitful experience in cost control, customer relationship management and broad customer network, Kelvin is capable to link up several big players inside the industry in an efficient manner.

- ❖ Ms. Ploychatchanok Viriyathornphand, TOM-CASAVA Co., Ltd. (Thailand)



TOM-CASAVA Co., Ltd. is considered as a social enterprise aiming to utilize the valueless cassava stumps, a waste product from cassava plantation and also other waste from agriculture industry, by converting it into high value and high price activated carbon



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for industrial, agriculture, household and health applications.

The first product of the company is made of cassava stumps, a woody part of the plant normally leftover in the field and always carelessly burnt by the farmer which have caused air pollution and other environmental problems to human health. TOM-CASAVA has invested and patented a highly efficient furnace especially developed for the conversion of cassava stumps into high quality and high value activated carbon, Plaichon Nature Charcoal (Plaichon NC®) and sell the products to its clients. The activated carbon from TOM-CASAVA can be sold at 30-40% more economical price due to lower production cost, whilst having a higher absorbability, owing to its chemical-free process, and have no limitation in production quantity when compared to the competitors, the charcoal and activated carbon from bamboo and coconut shell, which have a higher price due to higher raw material cost, more porosity but less absorbability, always contaminated with chemical residues and have a limited production quantity due to the limited supply of the raw material.

The target market applications of Plaichon NC® are industrial segment especially industrial air and water filter, household smell and odor absorbent (cat sand), Good-For-Skin soaps and vegetable/fruits washing pack. Moreover, TOM-CASAVA has invented high performance one- step activated carbon furnace especially for cassava stumps. With burning time for 1 hour at 1000 °C temperature using 200% less energy consumption, the furnace can guarantee the conversion ratio of 8:1. The process requires no chemical in the production. The current production capacity is 10 MT per day for both granular and powdered activated carbon. The granular activated carbon is used for industrial air and water filter and household smell and odor absorbent, while the powdered activated carbon is used for manufacturing of household cat sand, soaps and vegetable/fruits washing pack household. The charcoal products will be distributed to customers via channels such as direct sales to industrial sectors, and dealers/distributors for all the household products.

*Winner of the AABI Torch Best Entrepreneur Award (2019)*

- ◇ Mr. Sun Kak Kim, Neo-semitech.co., Ltd (Korea)



Neo-semitech co.,Ltd is a semiconductor manufacturer, a major industry in Chungcheongbuk-do, Korea. Currently, the company is headquartered at Chungbuk National University's Industrial Technology Research Park. The main products of Neo-semitech are semiconductor foreign material control equipment, haze prevention equipment, semiconductor manufacturing process real-time monitoring system, full-auto magazine cleaner, total Ion management system etc. wired and wireless IoT, ICT system and haze, particle control R&D, etc.

The main business model of Neo Semitech Co., Ltd. has two characteristics. First, the company provides customized products and services for their customers. In the past, domestic and foreign customized services were provided only for high-priced products, but the demand for customized services is gradually increasing due to the continuous growth of the semiconductor market. Various sensors such as temperature, vibration, motor RPM, current, illumination, pressure, gas flow rate are required to



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monitor facilities of semiconductor manufacturing process. In this regard, the Total Ion Management System, which is essential for the semiconductor and display processes from our SCS Series, which is a real-time monitoring system for wired and wireless Multi IoT and ICT, provides customized high-quality information according to the process location and current status of installed equipment. There are advantages to being able to. In addition, rather than subdividing customized service contents, we have revitalized the integrated integration system of products that are currently being provided, improving the customized integration system for each process, and applying 5 intellectual property rights to original technology and registering 14 cases, It has a competitive edge with companies. The second is reflection of trend of technology and market. The current long-term technology and market trends are shifting from industrial intelligence to the fourth industrial revolution, where automation and connectivity are maximized, such as sensor and interface technologies, optimization technologies (artificial intelligence, big data, and robotic technology), mobile cloud servers, and a platform for connecting devices. The company is aiming for the overall trend of this technology market.

Neo Semitech Co., Ltd. has achieved the sales volume of 1,916 million KRW (circa 1.6 million USD) and export of 2 thousand dollars in 2018. The company supplied semiconductor related products such as SCS series, Megazine scrubber, Pellicle Mounter, Full box, SUS lathe, POD pedestal and Shielding bag to customers from big corporates to SMEs, including SK Hynix, Electronics, and Dongbu Electronics Co., Ltd.



## ABOUT AABI

### What is AABI?

Established in 2002, Asian Association of Business Incubation (AABI) is an international nonprofit organization that focuses on building incubation industry ecosystem in **Asia-pacific region**.

Our mission is **to promote business incubation activities** among business incubator, client companies and other related organizations in Asia-pacific region, **to encourage core incubation business** between different Asian incubators, **to support ambitious Asian tech-SMEs** innovate and go internationally.

Considering the diversity of Asia-pacific economies, this mission is in no way easy. BUT, *we are committed to it!*

### Who are AABI members?

Originally constituted by 9 founding members from 8 countries and regions (including Korea, Singapore, China, India, Malaysia, Japan, Chinese Taipei and Hong Kong), AABI now develops into a large community which includes 24 Association Members and 36 Incubator Members from **19 countries and regions**.

Apart from the wide coverage, AABI members are also diverse in institutional roles. Our member portfolio now comprises maker's space, business incubator, accelerator, science park, as well as coordinating association and policymaker in incubation system, etc.