

REPO



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Director General's Foreword

In 2022, the Southern Taiwan Science Park (STSP) once again demonstrated its incredible strength and resilience. Led by the IC industry, the STSP generated approximately NT\$1.483374 trillion in revenue, a growth of 35.48%, and helped to facilitate the employment of 92,601 people, an increase of 8,551 compared to the end of 2021. The IC industry continuously expanded in Southern Taiwan. Continuous expansions in the STSP included TSMC's Fab 18 five nanometer and three nanometer advanced manufacturing, Merck KGaA, Entegris, ASML, Tokyo Electron Limited, and Lam Research. Together, these helped to build a comprehensive and advanced IC industrial cluster to lead other industries in the STSP and stimulate the growth of the peripheral economy.

To prepare land for industrial use and to expand the industrial effect developed by the STSP, the Executive Yuan approved preparation plans for the STSP Chiayi Science Park and Pingtung Science Park in January, 2022. Based in the heart of Tainan and Kaohsiung, the STSP now covers Chiayi in the north and Pingtung in the south. Together, they help to continuously upgrade software and hardware, encourage interdisciplinary innovation, facilitate talent cultivation, attract investment for building the Southern Taiwan technology corridor and enhance the resilience of the regional economy.

The STSP is devoted to high-standard sustainability. In 2022, the STSPB's sustainable



report received the Taiwan Corporate Sustainability Awards (TCSA) Class 2 Platinum Award in the government category, and the Growth Through Innovation Leadership Award in the Best Performance of Specific Category. Additionally, the STSP is the first in Taiwan to introduce the use of reclaimed water and also the first to build an IC reclaimed water plant (TSMC Southern Taiwan Science Park Reclaimed Water Plant). With the help of reclaimed water plants in Yongkang, Anping, and Rende, the STSPB is able to supply more than 99,000 tons of reclaimed water per day, accounting for about 30% of the total water usage in the Tainan Science Park.

In addition to its exceptional and sustainable working environment, the STSP provides good quality of life for its employees. In 2022, the STSPB began its operation of non-profit making childcaring centers, and organized group weddings to help more than 50 couples to tie the knot. The STSPB has been actively promoting gender equality in the workplace to optimize the working environment, and has held several arts, cultural, sports, and recreational events to keep the professional and personal life of those working in the STSP in balance and to ensure their physical and mental health.

In terms of future prospects, the STSP will continuously introduce academic and research technologies to strengthen its R&D, provide diverse and high-quality life amenities, and build itself into a next-generation energy efficient sustainable science park to maintain Taiwan's competitive advantage in the IC industry. Various newly added and expanding construction projects are expected to be completed as scheduled to realize the "innovative, inclusive, sustainable technology" 2023 vision and the 2050 zero-emission policy.

Director-General of the STSPB Chen-Kang Su in May, 2023



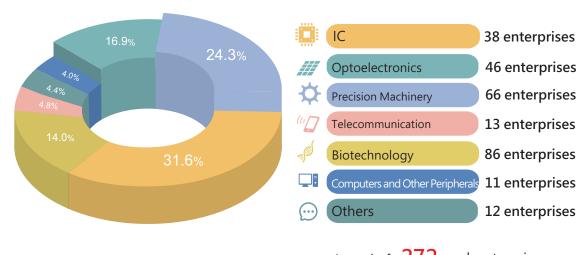
Breakthroughs & Continuous Trillion-Dollar Record Operations

Another Year of Trillion-Dollar Record Operations

Under the unifying effect of industrial clusters, the Southern Taiwan Science Park (hereinafter referred to as the STSP) continuously attracted the active presence of leading park enterprises. In 2022, the presence of 272 park enterprises was approved, demonstrating a vigorous growth. In keeping with the previous year, total operating revenue of the STSP reached NT\$1.483374 trillion. This new historical high was achieved by utilizing the most advanced and valuable five nanometer manufacturing processes as well as strong support from high-performance computing and auto electronics applications to boost operating revenue dramatically and achieve a new milestone.



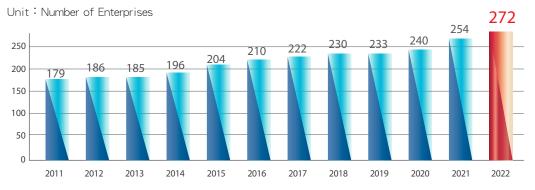
Annual Revenue



Approved Park Enterprises by Industry (including Ciaotou Science Park)

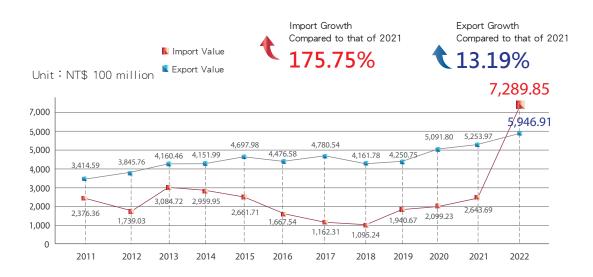
A total of **272** park enterprises

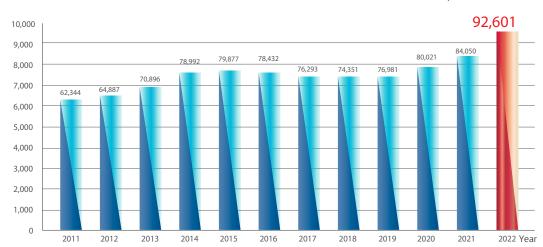
Accumulated Number of Approved Park Enterprises over the Years



Import and Export Value over the Years

The export amount was achieved via market demands for high-performance computing and auto chips. In 2022, the export value totaled NT\$594.691 billion, a growth of 13.19% compared to the same period last year. Among them, the IC industry contributed to the amount of NT\$383.518 billion, accounting for the highest percentage of the STSP's export, 64.49%, a growth of 37.99% compared to the same period last year. Meanwhile, import reached NT\$728.985 billion - a growth of 175.75% from last year - due to the capacity expansions of industrial leaders that imported relevant equipment.



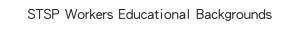


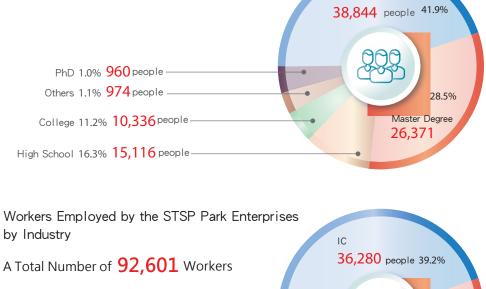
Bachelor degree

An increase of **8,551** workers

compared to 2021

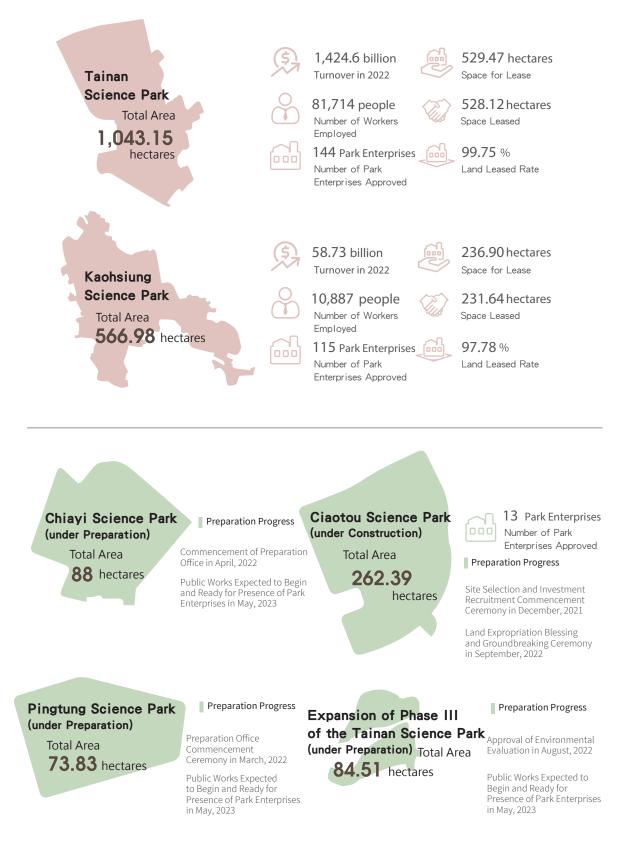
Workers Employed by the STSP Park Enterprises by Year Unit : Person







Statuses of Science Parks in Southern Taiwan



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Working towards STSP's New Milestone

Unveiling Ceremony of STSPB, NSTC

In lieu of the restructuring of the Ministry of Science and Technology, the National Science and Technology Council (NSTC) Unveiling Ceremony for the Southern Taiwan Science Park Bureau (hereinafter referred to as STSPB) was held on July 28th, 2022 in the STSP. The establishment of the STSPB was announced by Wu Tsung-tsong - the first Minister of NSTC - and Su Chen-kang who was appointed as the first Director-general and given the official seal of the STSPB.



Official Seal Bestowed by NSTC Minister, Wu Tsung-tsong (2022/07/28)



Unveiling Ceremony for STSPB, NSTC (2022/07/28)



Group Photo Taken at the STSPB, NSTC Unveiling Ceremony (2022/07/28)

Pingtung Science Park Aiming for Innovation and Advancement

In January, 2022, preparation and construction plan of Pingtung Science Park was approved by the Executive Yuan and on March 26, "Unveiling Ceremony of Preparation Office" and "Establishment of Advisory Committee and Industry Forum" were held. Public works and construction of park enterprises were expected to synchronically begin in May, 2023. In the future, smart agricultural medicine, green material, aerospace technology, and other emerging technology industries will be introduced to generate about NT\$36 billion and 5,400 jobs.



Unveiling Ceremony of Pingtung Science Park Preparation Office (2022/03/26)



Planning Vision of Pingtung Science Park



Establishment of Pingtung Science Park Advisory Committee (2022/03/26)

Chiayi Science Park that Leads the Industrial Development

In January, 2022, preparation and construction plan of Chiayi Science Park was approved by the Executive Yuan and on April 3, "Unveiling Ceremony of Preparation Office" and "Establishment of Advisory Committee and Industry Forum" were held. Public works and construction of park enterprises were expected to synchronically begin in May, 2023. In the future, precision health, smart vehicle, smart agricultural medicine and other emerging technology industries will be introduced to generate about NT\$38 billion and 5,700 jobs.



Unveiling Ceremony of Chiayi Science Park Preparation Office (2022/04/03)



Planning Vision of Chiayi Science Park



Establishment of Chiayi Science Park Advisory Committee (2022/04/03)



Improved Investment & Boosted Industrial Upgrading

In 2022, the presence of 30 new park enterprises was approved with an accumulated investment amount of NT\$55.807 billion. Among them, ten were in the IC industry with an investment amount of NT\$37.506 billion and six were in biotechnology with an eye-catching investment amount of NT\$9.025 billion. Furthermore, among the 14 park enterprises that expanded their investment in the STSP, four were in the IC industry with an expanded investment amount of NT\$236.424 billion, indicating that the STSP is an important site for advanced IC manufacturing processes.

IC Industrial Cluster

Development and Formation of Industrial Clusters in 2022

The comprehensive integrated IC industrial cluster in the STSP attracts both IC talent and enterprises. Led by big players such as TSMC and UMC, enterprises including upstream equipment, material, part and component makers and downstream packing and testing service providers made their presence known in the STSP. TSMC has continuously invested in the Tainan Science Park, and its three nanometer and five nanometer chips are now in mass production. Additionally, the memory leader Winbond in the Kaohsiung Science Park also began its mass production in 2022. In the same year, leading companies such as VisEra, PANJIT, ATP Electronics, ASC, Central Glass Taiwan Co., Ltd., and CLC also invested in the Kaohsiung Science Park to the amount of NT\$37.506 billion.

2 Optoelectronic Industrial Cluster

The STSP has the most comprehensively integrated TFT-LCD industrial cluster for upstream key components, including glass substrate, LCD materials, LCD touch panels, brightness enhancement film and normal prism sheets, polarizers, masks, and backlight modules. The cluster also provides mid-stream panel components, and downstream components for LCD makers. In 2022, Photonicore Technologies Co., Ltd., Wah Hong Industrial Corp., and Daily Liquid Crystal Co., Ltd. began their relationship with the STSP with an investment amount of NT\$1.726 billion.

Precision Machinery

Industrial Cluster

Along with the expansion of the IC and optoelectronic leaders, STSP's precision machinery industry was developed. At present, both international and domestic equipment manufacturers have invested in the STSP to provide automation or testing equipment, helping to form a unique industrial cluster. In 2022, VERSUM MATERIALS, Trusval, E&R Engineering, and Futeng began their investment in the STSP to the amount of NT\$1.95 billion.

Biotechnology

Industrial Cluster

In addition to vaccines, pharmaceuticals, detection reagents, dental products, orthopedics, and aesthetic medicines, the STSP now actively develops its precision health and biotechnology industries. With their existing ICT and BIO industrial advantages, healthcare, ICT, technology, biotechnology, and medical device industries are collaborating to link up local industrial, academic, and research energy companies in Chiayi, Tainan, Kaohsiung, and Pingtung. In 2022, park enterprises such as EirGenix, FM&G Biomed, VITAE Biomedical Co. Ltd., and SCT BioMed Co., Ltd. were recruited to invest in the STSP to the amount of NT\$9.025 billion.

5 Computer & Peripherals Industrial Cluster

The STSP is home to park enterprises including Wiwynn, ThinFlex, and GARUDA. With the advanced development of AI, the integrated application of virtual reality technology and cloud computing, enterprises in the integrated software and hardware field are interested in investing in the STSP. In 2022, new park enterprises such as Brogent Global, Iscom Online International Information, ADAT, and Wiwynn began their investment in the STSP to the amount of NT\$5.1 billion.

ICT Industrial Cluster

ICT park enterprises in the STSP include Accton, Walsin, Landmark Optoelectronics, Transcom, WNC, AWSC, and APOGEE. With the development of newly emerging technologies such as AI, 5G, IoT, and edge computing, relevant enterprises are now attracted to invest in the STSP. In 2022, DYNAHZ invested NT\$500 million in the STSP.

TSMC's 3nm Mass Production and Factory Expansion Ceremony

TSMC expanded its Fab 18 which mainly manufactures 5nm and 3nm chips while its 3nm chips are now in mass production. TSMC expects that within five years, the mass production and world sales of its 3nm chips will be worth US\$1.5 trillion.



TSMC's 3nm Mass Production and Factory Expansion Ceremony (2022/12/29)

Completion of the New Merck KGaA Kaohsiung Plant

Expanded Production and R&D Capacities

The New Merck KGaA Kaohsiung Plant has long engaged in the provision of electronic material systems and services. Merck KGaA is expected to invest NT\$17 billion in the next five to seven years in two phases to expand its production and R&D capacities. This new plant is part of the Phase 1 investment plan that will expand production capacities threefold.

Groundbreaking Ceremony of Tokyo Electron

Strengthening the Resilience of the STSP

Tokyo Electron Ltd.,a leading IC equipment maker, is the largest in Japan and one of the world's top five players. Its new plant is expected to be completed in the second half of 2024 at the investment amount over NT\$2 billion and creating about 1,000 jobs.



Commencement of New Merck KGaA Kaohsiung Plant (2022/10/26)



Groundbreaking Ceremony for Tokyo Electron's New Plant (2022/11/25)

Beam-raising Ceremony for Greenfiltec's Green Building

Boasted advanced AMC technology, Greenfiltec's new plant new plant is expected to be completed in the first half of 2023, with construction started in March, 2021. Pursuing its goal to utilize solar energy from a self-built facility and to reach 100% renewable energy use, Greenfiltec is building itself into "a global green enterprise."



Beam-raising and Blessing Ceremony for New Greenfiltec Plant(2022/04/14)

Commencement Ceremony of Advanced Echem Materials Company Limited's Kaohsiung Plant

Advanced Echem Materials Company Limited specializes in R&D specializes in R&D and the manufacturing of special chemical materials for "the IC industry and display devices," and they are one of only a handful of material suppliers that are able to provide critical chemicals for advanced manufacturing processes and packing in the IC industry. In the future, after the new plant begins mass production, Taiwan's IC status in the global market will be boosted.

Commencement of HYE Technology Co., Ltd. Operational Headquarters

HYE Technology Co., Ltd. specializes in automated optical inspection (AOI) and smart automation equipment manufacturing. It is expected that after its new operational headquarters in the KSP is completed, it can satisfy the precision measurement testing and automation demands of the IC and optoelectronic industries and serve the surrounding park enterprises with its expanded operation and R&D capacities.

SYNBIO's Sustainable Expanded Production Capacity

Devoted to lactic acid bacteria research, production, and applications, SYNBIO TECH INC. is expected to officially start operating its new plant in the second half of 2024, in order to expand its capacity by five times the amount. Additionally, a new bacteria R&D center will be fitted in the new plant, and by incorporating the construction concepts of environmental protection, energy efficiency, and high performance with its production lines, SYNBIO strives to make its contribution to human health and environmental sustainability.



Construction Completion and Commencement of Advanced Echem Materials Company Limited New Kaohsiung Plant (2022/04/12)



New HYE Technology Co., Ltd. Operational Headquarters Commencement and Ribbon Cutting Ceremony(2022/10/22)



Groundbreaking Ceremony of New Plant of SYNBIO TECH INC. (2022/02/27)

PART 3

Corridor of Leading Digital Innovation

Building a Technology Corridor to Strengthen Industrial Resilience

STSP's blueprint focuses on the provision of semiconductors, semiconductor design, smart machinery, biotechnology, and software services by continuously promoting advanced manufacturing R&D, introducing various innovative scientific research and advanced technologies, integrating software and hardware industrial positioning, and linking up to local featured industries and newly emerging technologies to build a science and technology corridor in Southern Taiwan.

Groundbreaking Ceremony for Ciaotou Science Park

On September 2, the "Blessing and Groundbreaking Ceremony for the Sectional Expropriation Construction of Ciaotou Science Park" was held to jointly declare the synchronous beginning of public construction and the construction projects of park enterprises. Ciaotou Science Park plans to recruit the presence of five major industries including the semiconductor industry, the aerospace industry, the smart machinery industry, the precision health industry, and innovative industries that are expected to create an annual revenue of NT\$180 billion and 11,000 jobs. By the end of 2022, 13 park enterprises had proposed their plant-building plans with a total investment amount of NT\$18.6 billion.



Group Photo of Former Premier, Su Tseng-chang; Former Minister of the Interior Hsu Kuo-yung; Minister of NSTC, Wu Tsung-tsong; Mayor of Kaohsiung, Chen Chi-Mai; Local Legislators and Industrial Representatives at the Groundbreaking Ceremony for Ciaotou Science Park (2022/09/02)

Visual Map of Ciaotou Science Park

(15

Chiayi New Science Park: Where the Elite Gathers

Led by the bellwether National Science and Technology Council (NSTC), on August 12 the STSPB worked with the Chiayi County Government and Pingtung County Government respectively to jointly organize the "Chiayi Science Park Investment Recruitment and Academia-Industry Exchange Forum" and the "Pingtung Science Park Investment Recruitment and Academia-Industry Exchange Forum," receiving an Investment Letter of Intent signed by 16 prospective park enterprises. Distinguished guests participating in these two forums pressed their hands on the "Singang Bantaoyao" pottery plate which represents Chiayi's traditional craft, and signed their names on the oil-paper umbrella which symbolizes Pingtung's Liudui Hakka cultural spirit. In doing so, they combined a scientific and technological global vision with local regeneration to create "diverse, high living quality, energy efficient, and sustainable" Chiayi Science Park and Pingtung Science Park.

1
2

- 1.Chiayi Science Park Investment Recruitment and Academia-Industry Exchange Forum (2022/08/12)
- "Pingtung Science Park Investment Recruitment and Academia-Industry Exchange Forum (2022/08/12)



Expansion of Phase III Construction of TSP as Scheduled

Environmental evaluation review of Phase III expansion construction of the Tainan Science Park (TSP) was completed in August, 2022 for the active promotion of concrete operations. It was expected that public and private contractors can simultaneously begin their work in May of 2023. In the future, the TSP will attract the presence of the semiconductor, smart machinery, precision health, and innovative industries with the creation of about NT\$39.2 billion and the provision of 4,900 jobs.

Visionary Map of Phase III Expansion Construction in the TSP

Development of Precision Health with Visionary Positioning

Southbound Cooperation with Singapore and Malaysia with Signing of Longterm MOU

The long-term MOU was signed among Metal Industries Research &Development Centre, Dentway Group, Kuala Lumpur International Dental Centre (KLIDC), and Taiwan Association for the Promotion of Oral Biotechnology and Medical Devices (TAPO). Taipei Medical University cooperated with Q & M Dental Group (Singapore) Limited to set up the "Dental Implant Integrated Overseas Clinic Education Demo Center" to assist park enterprises to get in touch with medical markets in Singapore and Malaysia and to market medical devices and develop marketing channels.



Long-term MOU Signing of STSP and Malaysia KLIDC (2022/12/12)

Southern Taiwan Biomedical Corridor for the Promotion of Precision Health

On October 14, the STSPB convened the "Smart Healthcare" strategic meeting by positioning the Chiayi Precision Health Industry in advance by cooperating with Puzi Hospital to develop smart healthcare field and introduce relevant systems and products. In addition to cultivation in Chiayi, the STSPB worked with Veterinary Medical Teaching Hospital of National Pingtung University of Science and Technology to develop the smart animal healthcare field. On October 26, the "Smart Animal Healthcare" strategic meeting was held to introduce smart animal healthcare systems and products for the plan of Southern Taiwan Biomedical Corridor.



"STSP Smart Healthcare and Elderly-Friendly Environment in Chiayi" Strategic Meeting (2022/10/14)



"STSP and Pingtung Working Hand in Hand for New Vision of Animal Healthcare" Strategic Meeting (2022/10/26)

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Collaboration Between Startups and IC Chip Makers for Life Applications

The startup Biomdcare Corporation began its presence in the STSP in 2010, and with the comprehensive legal assistance of STSP's TransMedxof STSP's TransMedx accelerator, its AI osteoporosis management system was successfully certified with ISO 13485, TFDA QMS, and TFDA. Launch of the system has been approved by governments in Vietnam and Singapore. Biomdcare has worked with the big international player Intel, and its DataSense was certified by Intel MRS. The system has introduced the use of x-ray cars to benefit residents in remote areas.



Biomdcare's Smart Lab Solution for Al Assisted Screening and Precision Healthcare. Introduced at the 2022 Healthcare Expo Taiwan (2022/12/01)

Cultivating Startups to Revolutionize Industries

Assistance of STSP's TAIRA in Startup Market Expansion

Organized by Mizuho Bank, on January 24, STSPB TAIRA led a team of four startups to participate in the "Taiwan-Japan Startup Exchange Forum", under the theme of information security. During the forum, startups had the chance to meet with Japanese counterparts one on one. On May 26, InnoVex invited Japanese startups and Mizuho Bank to share relevant channels and resources for investing in Japan. It was also a preparatory move for resuming normal business engagements between Taiwan and Japan after the pandemic.



Photo of Representatives of Mizuho Bank, STSPB, and TAIRA Startups at StarFab Pavilion(2022/05/26)

Investment Recruitment Tour to Japan Led by STSP TAIRA and Mizuho Bank

On November 17, STSP TAIRA and Mizuho Bank led six startups to Japan to recruit investment. During the tour, they visited Mizuho Bank Tokyo Central Branch, the Policy Planning Bureau of Tokyo Metropolitan Government, and STATION Ai. With the assistance of Mizuho Bank, the delegation contacted 83 Japanese enterprises about their investment plans and before the tour, through online matching, 13 Japanese enterprises visited the site for one on one contact and two orders were obtained. The mission to assist startups to enter the Japanese market was therefore completed.



STSP Startups Visit to the Policy Planning Bureau of Tokyo Metropolitan Government (2022/11/17-2022/11/19)

Five STSP Startups Win One-million NT Dollars of Cash Prizes

STSP Startup Workshop established a consultation mechanism to cultivate NSTC FITI program teams, and among them, five teams including "Mager Tech," "Biochar Incredible," "Extra-Freshist Tech," "Alloytek," and "Linggle" received the special honor of a 2022 "Startup Potential Award."

The winning team, Mager Tech, developed the Magerlin L series to precisely monitor patients' health conditions, while Biochar Incredible provided professional services for biochar development, contracting, burning equipment installation, and engineering technology to replace traditional coal burning. Freshness on Electric Current developed the electrostatic field treatment system to prolong the freshness of fruit and vegetables; Alloytek researched and developed permanent alloy thermal paste to solve the shortcut issue in electronic components caused by liquid metal. Linggle is a pattern-based referencing tool for language learners.

Over the past decade, STSP Startup Workshop accumulatively cultivated 109 startup firms with a total capital amount of NT\$3.7 billion. Of those, 18 have become STSP park enterprises.



Five NSTC FITI Winning Teams Cultivated by the STSP Startup Workshop (2022/06/24; 2022/12/02)

STSP AI_ROBOT's 5G AIoT Integration Helps to Facilitate Cooperation Between Startups and Enterprises

STSP's Al_ROBOT continues to produce results for empirical projects in the 5G AloT field, and creates innovative technologies for smart manufacturing including "AR Maintenance and Repair Technology", "Vibration Sensing Technology," and "Information Security and Real-time Monitoring and diagnosis Technology." Its goal is to build a 5G AloT solution to consult with park enterprises to solve issues related to remote after-sale equipment services, to offer business trip advice during COVID, and ensure the effective monitoring of machines. STSP Al_ROBOT 5G technology application services will be continuously expanded for practical business applications to assist in the development of startups and to promote industrial upgrading and transformation.

Marketing STSP in International Markets

STSP Park Enterprises' Participation in the "2022 SEMICON Taiwan"

To promote Southern Taiwan's IC industry and to assist park enterprises in entering the international market, the STSPB worked hand in hand with eight park enterprises including Chung Yo, LiveStrong Optoelectronics, PentaPro Materials, AMETEK Taiwan, Huang Liang Biomedical Technology, APOGEE, CTC, and TTMC to showcase Southern Taiwan's IC industry in the SEMICON Taiwan 2022 with the STSP Pavilion.



Photo of STSP Director General Su Chen-kang and Representatives of Eight Park Enterprises in the 2022 SEMICON Taiwan (2022/09/14)

Joint Exhibition of Science Parks in Northern, Central and Southern Taiwan in the "2022 Bio Asia-Taiwan Exhibition"

A joint exhibition was organized by science parks in Northern, Central, and Southern Taiwan with the Taiwan Instrument Research Institute of NAR Labs for this year's "2022 Bio Aisa- Taiwan Exhibition." The "Science Park Pavilion" organized units incorporated elements of "remote healthcare, precision health, and industrial upgrading" to showcase their visionary R&D results as well as their exceptional products and technologies.



EU Representative Office Delegation's Visit to the STSP Pavilion in the 2022 SEMICON Taiwan (2022/09/14)



Joint Exhibition of Science Parks in Northern, Central, and Southern Taiwan with Taiwan Instrument Research Institute of NAR Labs in the 2022 Bio Asia-Taiwan Exhibition (2022/07/28)



Science Park Pavilion in the 2022 Bio Asia-Taiwan Exhibition (2022/07/28)

International Exchanges to Connect STSP with the World

In 2022, the STSPB received visits from 48 delegations, 951 visitors in total. Honorable guests included Sandra Oudkirk, the Director of the American Institute in Taiwan; Dr. Jörg Polster, Director General of German Institute Taipei; Klaus-Peter Willsch, the German-Taiwan Parliamentary Friendship Group Chairman; Tom Chih-Cheng Yeh, Director General of the Department of International Cooperation and Science Education, NSTC; Stéphane Lessard, the Executive Director of Science, Technology and Innovation for Global Affairs, Canada; Harold Burgos, the Honduran Ambassador to Taiwan; and Aviv Doron, Head of the Israel Economic and Trade Mission in Taipei. Important delegations included the exchange students of National Cheng Kung University (NCKU) IC College; the Smart Pandemic Control and Prevention Class of the Medical Device Innovation Center, NCKU; the EMBA students of the National Changhua University of Education (NCUE); and the participants of an NSTC-JST Workshop.



Delegation Visit of German-Taiwan Parliamentary Friendship Group to the STSPB (2022/10/05)

STSPB's International Learning Tours Designed to Better Serve Park Enterprises

The STSPB attended IASP's 39th World Conference on Science Parks and Areas of Innovation in Seville, Spain from September 27th to 30th in 2022. The conference was designed to help attendees to learn more about the innovations of the green and environmental economies adopted by advanced countries as well as to give an opportunity to exchange views with science park counterparts and friendly organizations. Additionally, the STSPB also visited a startup incubator in Barcelona to better understand innovations engaged in urban, economic, and social aspects so as to build a new innovative ecosystem park full of economic knowledge, and to also set an innovative model for urban renewal.

Between October 16th and 21st, the STSPB went to Japan to visit the Kitakyushu Incubator Center to learn more about the partnership built between companies, research institutions, academia and communities on the promotion of innovative incubation and spatial building. The STSPB was also invited to take part in the 20th Annual Celebration of the Kitakyushu Urban Centre (KUC) to witness its industrial innovation and transformation through its integration of AI and information and communication technology (ICT), to benefit STSP's startup development.



STSPB's Participation in IASP's 39th World Conference in Seville, Spain (2022/9/28-2022/9/30)



Roundtable Discussion with Ten Representatives from the STSPB who Participated in the 20th Annual Celebration of the KUC(2022/10/21)

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A Cornerstone of Stable Resources and Water Supply

Optimized Traffic and Infrastructure

Resource Reutilization and the Promotion of Water Recycling

Water quality, purity, and a stable supply are key to the chip manufacturing process. In order to optimize each drop of water, it is vital to utilize reclaimed water as a new water resource. Supply from the reclaimed plant effectively mitigates the water supply shortages in the greater Tainan area and marks an important milestone for the global water resource cycle.

The STSP first introduced the concept of reclaimed water in July 2022, and began its supply in December in the same year. Initially, it provided the required daily capacity of 8,000 tons of reclaimed water. Additionally, the first reclaimed water plant (TSMC STSP Reclaimed Water Plant) began its supply on September 19th, 2022 with a daily supply capacity of 5,000 tons for industrial use. In the future, after Anping and Rende Reclaimed Water Plant begin their production, park enterprises will gradually increase the consumption of reclaimed water on a yearly basis.



Operation Commencement Ceremony for the TSMC STSP Reclaimed Water Plant (2022/9/19)

TSMC STSP Reclaimed Water Plant

22



Operation Commencement Ceremony for the Tainan City Yongkang Resource Recycling Center and Reclaimed Water Plant (2022/12/30)



Groundbreaking Ceremony for the New Construction of Tainan City Reclaimed Water Plant (2022/11/22)

New transportation option, the completion of the northern connector road in the northwest area of the TSP Phase II site

The northern connector road (RD16-49) in the northwest area, an important road linking northward in the Tainan Park, has been completed on August 9, 2022. After its opening, the northern side will be connected to the planned roads of 10-30M, 5-40M, and 15-25M in the Tainan Science Park Specific Area, redirecting traffic from TSMC's 5-nanometer plant towards the north. On the southern side, it connects to Beiyuan 3rd Road and Beiyuan 5th Road, relieving the northbound traffic from TSMC's 3-nanometer plant and reducing the traffic flow from Anshun 1st Road to Tree Valley Park northbound towards the Anding Interchange. This greatly benefits the traffic within the park.





Connective Route in the North of Northwestern Area (RD16-49)

Opening of TSP Designated Area 10-30M Planning Route (2022/11/15)

Reliable Life Amenities for Mutual Benefit

Opening of Shopping Mall in the KSP for Added Convenience

With the presence of more new park enterprises in the KSP and the expansion of existing ones, more workers have been hired in the KSP. To build a friendly working environment and to balance the personal and professional lives of those working in the KSP, the STSPB constructed public facilities and introduced a 7-11 and a Kustos Cafe that began operations on October 2nd, 2022, to provide an ideal and convenient site for resting, gathering, and conducting business talks.



Completion of Softball Court, Skating Rink and Additional Resting Spaces in the KSP

To provide more comfortable sports and recreational spaces, on August 2nd, 2022 the KSP completed construction of sunshade facilities at the softball court and skating rink at Park Land No.2. They also continued the extension on the four existing skating rinks (a total length of 21.6 meters) and the softball court (five-meters long) with a total extension length of 23 meters.



Sunshade Facility at Park Land No.2 Skating Rink (2022/08/21)

Sunshade Facility at Park Land No.2 Softball Court (2022/08/21)

Talent Cultivation Designed to Increase Industrial Performance

To increase the knowledge of professional technology and the managerial skills of those working in the STSP, build talent pools, promote cooperation between players in the industry, academia, and research institutions, and to encourage management research into innovative energy solutions, the STSPB organized training sessions for the IC, optoelectronic, precision machinery, and information and communication technology fields. These sessions included diverse and popular courses on net zero emissions, information security and the metaverse along with talent matching seminars.

Industry-Academia Cooperation for Stronger Growth

To build an environment for talent cultivation in interdisciplinary fields and to effectively facilitate the talent supply and demands of the STSP, the STSPB actively planned inter-university exchange meetings to bring universities together. In 2022, three consolidated and two large-scale talent and technology matching events were organized and were participated in by 793 students from NCKU, National Sun Yat-sen University, National Chiayi University, and National University of Kaohsiung.





 "Inter-university x College of Science Research Results and STSP Technology Talent Exchange Meeting (2022/11/03)
 % Signature the Seniors The 2022 STSP Precision

2 & 3 ."Asking the Seniors - The 2022 STSP Precision Healthcare Park Enterprises"







IoT Sensing Component Practice Training Course - Wire Twisting Demonstrated by the Instructor (2022/08/24-2022/08/25)

Various Professional Courses to Improve Park Enterprise Workers' Technology, Knowledge, and Competencies

Working with more than 60% of the industrial mentors and 21 enterprises and organizations, the STSPB opened 22 open courses in 2022, with 21 exclusively for STSP park enterprises, as well as two IC and smart manufacturing related modules. With a total of 330 hours of training and 1,116 people, these courses helped to improve the technological competencies of the workers at STSP park enterprises.

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Tech Talent Cultivation to Close the Gap of Supply and Demand

Through the "Science Park Talent Cultivation Grant Project," the STSPB gave grants to ten universities including the National Kaohsiung University of Science and Technology. A total of 749 students received training courses, while 69 attended enterprise internships in 18 park enterprises, and 33 successfully found jobs through this project with an employment rate of 47.83%.



Internship at the KSP Branch of LiveStrong Optoelectronics (2022/01/12)

Visit of I-Shou University Students to J. SHINE INTERNATIONAL LOGISTICS CO., LTD. (2022/11/08)

Smart Disaster Prevention Technology to Improve Occupational Safety Awareness

The Ministry of Labor's Occupational Safety and Health Administration worked with the STSPB to plan and repair the temporary waste storage site in the KSP. After three years, the relevant software and hardware equipment was constructed for a sensory virtual reality educational training site ("Occupational Safety and Health Multisomatosensory Extended Reality (XR), Disaster Prevention Simulation Training Field") With the assistance of hi-tech, various types of high-risk operations can be simulated, and through immersive and semi-reality training, barriers of traditional educational training can be overcome.

In 2022, 77 educational training sessions were conducted in the XR field and 1,583 people were trained. Additionally, 22 universities and governmental agencies - including Chia Nan University of Pharmacy & Science - visited the site a total of 659 times. In the future, in pursuit of interdisciplinary cooperation between and among the industry, the government, and academia, the STSPB will build a new generation smart science park with safety, health, and sustainability as its priorities.





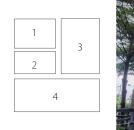
4. XR Center of Occupational Safety and Disaster Prevention Simulation Center-Entrance
5. General Education Training of Labor Cage Hanging Operation (incorporating Robotic Arm)
6. General Education Training for Labor Crane Operation (including Crane Simulation)

Mutual Benefits of Fulfilling Sustainable Responsibility

A Friendly Workplace and Net Zero Emissions

Friendly Working Environment for Childrearing Parents

The STSPB consulted with park enterprises to provide childcaring measures and lactation rooms to build a friendly workplace. In 2022, the STSPB consulted with 30 park enterprises (including the STSP Branch of ULVAC Taiwan Inc., FINEX Co., Ltd., Luzhu Branch of TTMC, and Synbio Tech Inc.) and allocated yearly subsidies for childcaring measures. In 2022, subsidies to the amount of NT\$ 294,000 were provided to build a secure workplace and family life for workers at STSP park enterprises. Additionally, two non-profit childcare centers were set up in the TSP. Operations for the one in the Community Center began on August 1st and operations for the STSP Non-Profit Preschool at Lianyuan began on October 17th. Lianyuan is the first non-profit daycare center in Taiwan established through a private and public partnership that provides high-quality, affordable, and convenient daycare services for STSP employees.



- 1. Ribbon Cutting Ceremony of Non-Profit Daycare Center for STSP Employees in Community Center (2022/08/17)
- 2.Ribbon Cutting Ceremony and Performance of STSP Non-Profit Preschool at Lianyuan (2022/12/01)
- 3.Children's Artwork at the Daycare Center
- 4.Ribbon Cutting Ceremony of STSP Non-Profit Preschool at Lianyuan (2022/12/01)



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STSP's Double Award Winning in the 2022 TCSA

Based on its four core values of "production, living, ecosystem, and life" in its 2022 STSP Sustainability Report, the STSPB disclosed and transparently described the effectiveness of its sustainability to promote the STSP's goal of becoming a sustainable green science park with all three aspects of ESG (Environment, Society, and Governance). The report won the highest honor in categories of the "Sustainable Report Platinum Awards" and the "Innovative Growth Leader Award" in the "2022 TCSA Taiwan Corporate Sustainability Awards."



Winning of the STSP Sustainability Report in the "Sustainable Report Platinum Awards" category, and "Innovative Growth Leader Award" in the "2022 TCSA Taiwan Corporate Sustainability Awards" category.(2022/11/16)

STSPB Winning of the Highest Distinction Award at 2022 Labor Inspection Performance

Awarded by the Ministry of Labor with the "Highest Distinction Award for Labor Inspection Performance" in Group B in 2022, the STSPB will continuously aim for "zero risks," "zero disasters," and "zero incidents" and work hand in hand with park enterprises to promote a good labor safety culture and to jointly build a safe and friendly work environment.



STSPB Wins the Highest Distinction Award at the 2022 Labor Inspection Performance

STSPB Wins the Highest Distinction in Construction Management in 2022

Both TSP and KSP were recognized by the Ministry of the Interior with the Highest Distinction Awards in "Relevant Affairs for the Public Safety Inspection of Buildings Managed by Special Municipal, County (City) and Specially Designated Construction Management Competent Agencies" and "Construction Management Affairs of Buildings." At the same time, STSPB continuously improved its license issuing efficiency to ensure a high-quality and safe working environment, and to assure the construction quality, safety, and environmental health of its buildings.



STSPB Wins the Highest Distinction in Construction Management in 2022

STSPB's Air Quality Maintenance Performance Recognized by the Tainan City Government

The STSPB assisted diesel vehicles in the Park to get certified with self-management of emissions, and achieved a good performance of joint promotion and maintenance of air quality. Hence, the STSPB received an award for "Excellence in Self-Management of Diesel Vehicle Emissions and Air Quality Maintenance in Tainan City" to gradually realize the vision of greater Tainan as a livable city.



Encouragement for the Participation of Women in Science and Technology Research to Promote Diverse Talent Development

As the high-tech industry continuously expands investment in the STSP, on September 20th the STSPB organized the "Female Tech Leaders' Career Progression Sharing and Industry-Academia Talent Exchange." At the site, two private enterprises (King Slide Group and Chieftek Precision Co., Ltd.) set up their booths for recruitment counselling to interact and exchange with students as well as to offer professional counseling and suggestions for future careers. The purpose was to encourage more females to participate in the field of science and technology research, and to promote talent sustainability in the STSP.



Attendance of President of Cheng Shiu University, Dr. Kung Jui-chang (left 3); Deputy Director of STSPB, Cheng Hsiu-jung(left 4); and General Manager of King Slide, Lin Shu-chan (Central) in the "Female Tech Leaders' Career Progression Sharing and Industry-Academia Talent Exchange" (2022/09/20)

Sharing of Valuable Experience by Special Assistant to the Chairman of Chieftek, Hsu Cheng-pu (2022/09/20)

Promotion of Workplace Equality to Build a Friendly Work Environment

To protect labor's work rights, build a friendly working environment, facilitate harmonious industrial relationships, and to reduce labor disputes, the STSPB organized a recognition and sharing event under the theme of "2022 Promotion for Workplace Equality". The goal of the event was to encourage active implementation of labor laws and to build a harmonious working environment. There were 68 "Excellent Park Employees in 2022" as well as four excellent enterprises (Sumika Technology Co., Ltd., WNC, Zacros Group, and HannStar) that promoted "2022 Workplace Equality." These were selected and recognized for the contributions of their park employees and their promotion of a friendly working environment which was designed to develop harmonious industrial relationships.



Recognition from the 2022 Excellent Enterprises that Promote Work Equality(2022/07/27)

High Environmental Conservation Standards to Build an Eco-friendly Science Park

A Sustainable Green Science Park to Promote a Mutually Beneficial Environment

The STSPB actively promotes energy efficiency and carbon reduction so as to build a sustainable science park. It consulted with 12 park enterprises to conserve water and energy by saving 20.42 mega watts and 254,000 tons respectively. To encourage and promote the installation of renewable energy and solar power, STSP park enterprises accumulated an installation capacity of photovoltaic equipment equivalent to 63.67MW that reduces 50,000 tons of CO2e. This reduction in carbon emissions is equivalent to what 130 Daan Forest Parks would do in one year.

The STSPB continuously develops each ecosystem in the STSP in order to build a quality production environment which takes into consideration of "production, life, and ecology." In 2022, under the STSPB's active promotion of sustainability, the KSP was repeatedly certified "Diamond Level" for the "EEWH-EC ecological community," demonstrating the STSPB's promotion of a high quality ecological environment.





Continuous Counselling Services Provided by the STSPB to Help Park Enterprises to Conserve Water (2022/09/20)



PV Panel Installation in the STSP to Meet the Environmental Protection Requirements (2022/09/20)

Renovated Resource Recycling Center for Net Zero Emissions

After renovation and upgrading, the "STSP TSP Resource Recycling Center" continuously improves its functionality to "strengthen the original design," "improve air pollution control and prevention efficacy," "pursue a circular economy concept," and "create an image of technological professionalism." Under the goals of these four aspects, diverse waste from park enterprises is treated with transparent and safe approaches (with net zero emissions) to "connect the past to the future with technology." In the spirit of building a spatial atmosphere that can maintain good environmental operations and implement environmental, occupational safety, and quality management systems, the park has constructed an integrated organizational managerial culture to provide park enterprises with more services.



Resource Recycling Center

Upgraded Dust Bag Collector for Air Pollution Control and Prevention (2022/09/26)

Upgraded Flue Steel Plate and Refractory Materials (2022/10/12)



Orchid Tree

Green Ebony

Golden Shower

Flowers of the Four Seasons

In the STSP, the Pink Orchid Tree, the light purple Bead Tree, and the fresh Yellow Poui are the representative flowers of spring, serving as an ode to its splendor.

In early summer time, during May, the romantic pairing of Green Ebony with the full-bloomed Golden Shower and Phoenix Flower together compose a summer concerto.

After mid-autumn, the falling Flamegold Rain Tree flowers perform an autumn sonata. There are beautiful flowers from the four seasons in the STSP.



Flamegold Rain Tree

Environmental Conservation for the Australasian Grass-Owl

There are six retention ponds and two ecological parks in the TSP which serve as habitats to various sorts of endangered birds, including Oriental Pratincoles, Brown Shrikes, Ring-necked Pheasants, Black-winged Kites, Crested Goshawks, Painted Snipes, Peregrine Falcons, and Black-naped Orioles. Habitats in the STSP help to maintain the bio-diversity of birds.



Ring-necked Pheasant

Black-winged Kite

The Australasian Grass-Owl is a subspecies of endangered bird endemic to Taiwan, and it was sighted in Ciaotou Science Park. Accordingly, the STSPB formed the Conservation Group for Endemic Subspecies to promote local conservation and build an ecological green land. Because of this, 13.93 hectares of Central Mud Volcano Park were reserved and the area of off-site compensation was expanded. In the KSP, the conservation area totaled more than 20 hectares while four more hectares were used to plant White Cogon Grass. The STSPB and the Kaohsiung City Government jointly advised surrounding farms to adopt organic production to increase the food sources of the Australasian Grass-Owl.



Raptor Perches and Smart Infrared Cameras Used to Trace Australasian Grass-Owls at Night (2022/03/25)

The STSP Firefly Restoration Project

Since 2019, the STSPB has worked with a professional team to restore its firefly habitat. From 2021 to 2022, more than 5,000 Aquatica ficta larvae and Pyrocoelia analis were released, and about 50 to 60 fireflies were spotted daily during the breeding time. Now from March to November each year, firefly tours on Park Land No.15" Land have become very popular to witness the success of STSP's firefly restoration efforts.



Terrestrial Firefly- Pyrocoelia analis



LOHAS Learning in **NNKIEH**

Diverse Cultural Heritage Events

STSP employees enjoy their lifestyles of health and sustainability (LOHAS). Along with an increase in the number of STSP employees, the STSPB has continuously organized arts and cultural, sports, and recreational activities while at the same time taking care of various needs in the marriage, birth, and education of employees. Additionally, various parent-child events were held and the educational resources of NNKIEH were improved to take good care of STSP tech employees.

Group Wedding Held on the STSP Anniversary and Talent **Recruitment Activity**

On January 16th, "the STSP Anniversary Celebration and Group Wedding" were held with the participation of 50 newlyweds who were blessed by their families and friends to begin their next life journey. There was also the North America Alumni Association of NCKU's tree planting ceremony, which took place in the STSP. During the STSP Anniversary Celebration, "STSP Talent Recruitment" jointly organized by 14 park enterprises was held and attracted the participation of 2,000 job seekers.



- 3.North America Alumni Association of NCKU's Tree Planting Ceremony (2022/01/16)
- 4.STSP and 'Leading the World Together' STSP Anniversary Celebration (2022/01/16)

Warm and Hearty Christmas Celebration

On December 23rd, the evening celebration of "the STSP 2022 Christmas" was organized. The STSPB worked with TSMC, UMC, and Merck KGaA to decorate Christmas street lights. They also invited children from the NNKIEH Elementary Department of STSP Non-Profit Preschool at Lianyuan, and a jazz band to perform and spend time with local residents.



"Flying High" and "Ocean Christmas City" Christmas Lights Decoration (2022/12/23)



Successful 2022 Christmas Evening Event (2022/12/23)

The 2022 STSP Sports Events

The "2022 STSP Sports" event organized various sporting activities including five ball games in the STSP Cup for 3,289 players and 166 park enterprises for STSP and non-STSP groups, demonstrating the healthy vigor of the STSP. One of the featured events, the 1,000 Person Hiking and Badminton Friendly Contest attracted STSP participants to gather for hiking around the STSP Wellness Center. Taiwan's Badminton Queen Tai Tzu-ying was invited to the friendly contest with the top three STSP players to promote healthy recreational events.

Additionally, from October 1st to 31st, the Online Walking for Health Event took place. During the event, marathon runners were invited to act as event spokespersons for the TSP and KSP and met night runners in person to encourage physical fitness in the post-pandemic era.



"The 2022 STSP Sports Event" to Encourage Physical Health (2022/04/23)

Tai Tzu-ying, the STSP Sports Spokesperson, for the 5th Time



The 2022 STSP Cup-Softball, Basketball, Volleyball, and Table Tennis Games (2022/07-2022/09)

Late Spring Arts and Culture Festival

Each year between March and April, the STSPB organizes weekend arts and cultural events. The 2022 Late Spring Arts and Culture Festival took place with "interactive, fun, and music" events that helped park employees to relieve stress, improve life literacy, and interact with their counterparts. Both park enterprise employees and also students from neighborhood elementary and junior high schools were invited to perform. With charming and diverse music, everyone was invited to have a relaxing and easygoing afternoon.



Performance and Interactive Participation in Late Spring Arts and Culture Festival (2022/04/09-2022/04/30)

STSP Love Month

Since 2015, the STSPB, Rotary of Nanke, and World Vision Taiwan have jointly called for the participation of park enterprises in 'Love Month'. With a great turnout, the charity fund made NT\$15.2 million, which was collected to help disadvantaged families in Sinshi District, Shanghua District, and Anding District. This marked the eighth STSP Love Month and 3,465 people and 995 disadvantaged households were helped.



The 2022 STSP Love Month (2022/10/29)



Photo of STSP Love Month Event (2022/10/29)

Diverse Arts and Culture Events at Singangshe

In 2022, Singangshe Cultural Museum held seven exhibitions featuring the masterpieces of Kuo Ching-bao, Wu Ying-bin, Hsu Sha-tang, and Yeh Han-sheng. Among these exhibitions, the Four Gentlemen's Joint Exhibition was held after the pandemic restrictions were eased, attracting 500 visitors and demonstrating STSP's rich cultural literacy.



Four Gentlemen's Joint Exhibition at Singangshe Cultural Museum (2022/09/03-2022/10/15)

Vigorous and Creative National and International Experimental High Schools

Establishment of the Preparation Offices for National Pingke and Chiake International Experimental High Schools, to Build High-Quality International Campuses

Preparations for National Experimental High School at Pingtung and Chiayi Science Park were officially commenced on March 1st with the expectation to start recruiting students in the School Year of 2024. Under the leadership of Director Chen Chi-Wei and Lin Yi-Hui, education at different stages including kindergarten, bilingual, elementary, junior high, and senior high departments were planned. With the vision for an international, inclusive, innovative, interdisciplinary, and intelligent education system, the goal was to develop a beautiful campus that integrates both intelligence and sustainability for the tech industry.



Visit of National Experimental High School at Chiayi Science Park to ISSU and the Discussion of Strategic Alliance (2023/03/10)



National Experimental High School at Pingtung Science Park's Third Preparatory Counselling Meeting(2022/07/20)

Impressive Admission Results

On the University Admission List of NNKIEH's Senior High Department, of the 119 examinees, six were admitted to National Taiwan University, 15 (12.6%) to top five universities, and 27 (22.7%) to other leading national universities in Taiwan. A total of 93 (78.2%) students were admitted to national universities and medicine related departments. There were 54 students reaching a total score higher than 26.8 while subject mastery of NNKIEH students led others to excel. In terms of Chinese and math, more than 100 people demonstrated mastery of their subject, and those with English, Sociology, and Science skills outperformed the national average by 1.4 to two times.



Vice ROC President Lai's Meeting with FRC Winners

NNKIEH has been promoting its 12-year integrated AI dual-track project. Senior High FRC, Junior High FRC, and the Elementary FLL robotic team built both manually operated and automated robots in their integrated life technology and information technology courses, and were frequent winners of several competitions. Among them, Senior High FRC6998 claimed Best Quality Award in the 2022 World Robotic Championship and was received by Vice President William Lai; students of NNKIH Elementary Department won First and Third Place in the Elementary School Group in the 2022 WRO Yun Chia Nan AI Smart Robot Inter-school Competition.



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NNKIEH's Win in the International Tennis Competition

NNKIEH has cultivated sports elites. During the summer vacation of 2020, Chiu Jing-Jhang and Tang Jun from the Senior High Department repeatedly won Runner-up in the "Guam International Junior Tennis Tournament," Runner-up in the "Doubles in Vietnam International Junior Tennis Tournament," Runner-up in the Male Doubles in Thailand Youth Tennis Tournament," and "Third Place in the Male Doubles in Indonesia Youth Tennis Tournament", demonstrating their robust strength.



NNKIEH Tang Jun's Outstanding Performance on a Tennis Court (2022/07/10)



NNKIEH Chiu Jing-Jhang (right) and His Partner's Win in the Doubles in Vietnam International Junior Tennis Tournament (2022/07/10)

NNKIEH Symphonic Band and Chorus's Win in the Four Champions Event

Although during the pandemic, the NNKIEH Symphonic Band was unable to practice face to face together, they continued with online courses taught by teachers in charge of different sections, demonstrating the perseverance and resilience of the band. After two years of ceased operation due to the pandemic, the National Student Music Competition was finally organized in 2022. The NNKIEH Senior High, Junior High, and Elementary Symphonic Bands and Elementary Chorus won four "High Distinction Awards," claiming the honor of four-time champions.





Building of A New Corridor

Future Prospects Positioning Industries with Foresight and Working towards Net Zero Emissions and Sustainability

Constructing the Southern Taiwan Science and Technology Corridor for a life with Sustainable and Net Zero Emissions

Looking toward the future, the STSPB will continuously promote industrial innovation and keep up with the world trend of developing digital intelligence by actively introducing academic and research technology, strengthening the R&D energy of the STSP, and deepening the spillover effect of ICT strength in the mature industry of the TSP. Incorporating the expansion of Phase III of TSP and the new establishment of Ciaotou Science Park, Chiayi Science Park, and Pingtung Science Park, the STSPB has developed newly emerging technologies with local featured industries. These include the Semiconductor, smart machinery, smart device, smart agriculture, precision health, smart agromedicine agricultural medicine, green materials, aerospace technology, and innovative industries, which help to build the STSP into a hub of transformation. In doing so, it adds green value to Southern Taiwan's digital transformation, to complete the building of Southern Taiwan's science and technology corridor, and to link up with the global industrial value chain.

In addition to exceptional job opportunities, the STSPB continuously teams up with local governments to enhance its amenity and educational functions, including the establishment of experimental high schools to enhance educational functions, providing composite residential and business areas, integrating local arts, and organizing events to promote friendly neighborhood relations. Additionally, with the goal to achieve net zero sustainability by 2050, high standards of ecological conservation, the introduction of diverse water resources and reclaimed water for the use of park enterprises, the promotion of energy saving, storage, and creation technology, the enabling of a circular economy with green technology, and the integration of smart services for park transportation, sustainability, and governance have built a new-generation science park based on "living, production, ecosystem, and life" which combine science and technology with environmental sustainability.



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Jan _		
Jan —	3	Approval of "Pingtung Science Park Preparation Plan" and "Chiayi Science Park Preparation Plan"
	12	Approval of the Establishment of "National Pingke Experimental High School" and "National Chiake Experimental High School"
	16	Organization of the "2022 STSP Anniversary Celebration and Group Wedding"
	27	Organization of "Ciaotou, the Navigator of Kaohsiung" Innovation Forum (1)
Feb–	17	Organization of "Ciaotou, the Navigator of Kaohsiung" Innovation Forum (2)
	18	Visit of AIT Delegation Led by Director Sandra Oudkirk
	27	Groundbreaking Ceremony of Synbio
Mar–	1	Establishment of Preparation Offices for "National Pingke Experimental High School" and "National Chiake Experimental High School"
	7	Completion of the Planation and Landscape Construction (L30) of Green Land in the East Area of KSP and STSP
	26	Organization of the"Commencement Ceremony for the Preparation Office of PSP, and Establishment of the Counselling Committee and Industrial Forum"
	26	Co-organization of the "Living and Working in Tainan" Job Fair
Apr_	3	Organization of the "Commencement Ceremony for the Preparation Office of CSP, and the Establishment of the Counselling Committee and Industrial Forum"
	9	Organization of the 2022 STSP Sports Serial Events, and the STSP Neighborhood Cup Ball Games (Badminton)
	12	"Completion Ceremony for the Kaohsiung Plant of eCham Solutions Corp.
	14	Beam-raising Ceremony for Green Filtec
	23	Organization of the 2022 STSP Sports Serial Events-Hiking and Badminton Friendly Championship
May_	17	Visit of Dr. Jorg Polster, Director General of the German Institute in Taipei
	19	Completion of the "Green 22" Green Land and Landscape Construction (L29) in the KSP
Jun_	2	Joint Organization of the "Taiwan-Japan Startup Exchange Seminar" by STSP TAIRA and Mizuho Bank to Assist Taiwanese Startups
Jul –	July to November	Organization of the 2022 STSP Sports Serial Events - STSP Neighborhood Cups (Table Tennis, Volleyball, Basketball, and Softball Games)
	16 23	Completion of the New Construction of the "High-end Treatment Facility, Distribution Reservoir, and Distribution Pipe Network of Tainan Yongkang Reclaimed Water Center" Joint Organization of the Large-scale "Kaohsiung Job Fair" by the STSPB and Kaohsiung City Government
	28 28	Southern Taiwan Science Park B <mark>ureau of National Science and Technology Council</mark> Unveiling Ceremony STSPB's Participation in the "2022 Bio Aisa - Taiwan"
Aug_		
	1	Opening of the Community Center Non-Profit Childcare Center
	9	Completion of the New Construction of the North Connective Routen the Northwestern Area of Phase II in the TSP
	12	Organization of the "CSP Investment Recruitment and Academia-Industry Exchange Forum"
	12	Organization of the "PSP Investment Recruitment and Academia-Industry Exchange Forum"
	21	Completion of the Additional Recreational Space at the Softball Court and Skating Rink
	24	Environmental Assessment of the "Expansion of Phase III of TSP" and Approval of the 11th Existing Environmental Impact Difference Review

Sep—	2	Organization of the "Blessing and Ground Breaking Ceremony for the Sectiona
		Acquisition Construction in Ciaotou Science Park"
	8	STSP Recognized with High Distinction Award in 2022 Building Constructio Management Evaluation
	13	STSP Recognized with High Distinction Award in 2022 Annual Labor Inspectio Performance Evaluation
	14	STSP's Participation in 2022 SEMICOM Taiwan
	19	STSP's Participation in the Operation Commencement Ceremony for TSMC STSP Reclaimed Water Factory
	29	Completion of Land Ownership Registration for the Land Sale Project in Ciaotou Scienc Park
Oct—	1-31	Organization of the 2022 STSP Sports Serial Event-Online Hiking
		Visit of German-Taiwan Parliamentary Friendship Group
	15	Organization of "Kiss Science-Open Science for the Youth" Event by the NSTC & STSP A ROBOT Guided Tour and Experiential Event
	17	Opening of Lien Yuan STSP Employe <mark>e Child</mark> ren's Non-Profit Childcare Center
		STSP's Participation in the Opening Tea Party for New Operational Headquarters of HN Technology Co., Ltd.
		STSP's Participation in the Commencement Ceremony for the New Merck KGa Kaohsiung Plant
Nov—		Organization of the 2022 Love Month Charity Picnic Event
	1-25	Organization of the 2022 Occupational Safety and Environmental Protection Mont Serial Events
		Joint Organization of the Cherng Tay Technology Co., Ltd. Earthquake and Fire Rescu and Handling Emergency Response Drill with the Kaohsiung City Government
		Organization of the 16th STSP Solar Model Car Parent-Child Contest Camp
		STSP's Participation in the MEDICA 2022 event, Germany
		Recognition of the 2022 TCSA "Platinum Class Sustainability Reporting Award" an "Innovative Growth Leadership Award" in Single Sustainability Performance
		Winning of the Outstanding Unit in the Tainan City 2022 Diesel Vehicle Smoke Emissic Self Management for Air Quality Maint <mark>enance Eve</mark> nt
	21	Completion of Additional Fencing and Plantation on Green 17 and Green 3 for Grass-Ow Off Site Conservation in the KSP
	25	STSP's Participation in the Ground Breaking Ceremony for the Tainan Office of TEL
		Visit of the Consul General of Taiwan-Japan Relations Association of MOFA, Chung cheng Chen and His Delegation
Dec—		Organization of the TSP Key Infrastructure Emergent Response Simulation
DCC		STSP's Participation in the 2022 Healthcare Expo TW
		Visit from the Director of Science, Technology & Innovation of Global Affairs, Canada Stéphane Lessard and His Delegation to the STSP
		MOU Signing between Malaysia and Medical Device Park Enterprises in the STSP
		STSP Visit from Harold Burgos, the Honduran Ambassador, to Taiwan, and Hi Delegation
		Completion of the New Turnkey Construction for the High-end Processing Facility Distribution Pond and Pipes of Tainan City Yongkang Reclaimed Water Center
	20	Visit from the NSTC-JST Workshop Attendees and the Honorable Advisor of AIST
		Toshihiko Kanayama, to the STSP
	23	Visit of the Head of Israel's Economic and Trade Mission in Taipei, Aviv Doron, and Hi Delegation
		Organization of the 2022 STSP Christmas Events
	29	STSP's Participation in the "TSMC Three Nanometer Mass Production and Fal Expansion Ceremony
	30	Completion of the 2022 Road Improvement Construction at the TSP
	30	Organization of the Commencement Ceremony for the Tainan City Yongkang Wate Resource Recycling and Reclaimed Water Center

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