



2016 Annual Report

**Central Taiwan
Science Park**

CENTRAL TAIWAN SCIENCE PARK

With the motto “CTSP, Heading toward a Smart Future,” Central Taiwan Science Park (CTSP) celebrated its 13th anniversary in 2016. Since its inception, CTSP has continuously faced any challenges with courage and constantly moved towards a smart future at a steady pace.

Our recruitment efforts paid off with fruitful results: the park welcomed 20 new businesses in 2016, an 11% increase from the previous year. Our park's total investment in 2016 reached NT\$3.936 billion, and we have successfully brought in 189 enterprises so far. Furthermore, our park's occupancy rate of land and factories has been excellent, remaining at 90% and above. The number of park employees even surpassed the 40,000 mark. These impressive figures reflect the excellent performance of CTSP and serve as a strong proof of our personnel's efforts.

After years of cooperation between civil and government organizations, the reservation of Erlin Xiangsiliao, the relocation of arable land, and the LN. Nongchang Lot Sales Project have been achieved so that farmers could continue farming. All such sales and handover were finalized at the end of 2016.

To perfect the park's function regarding the education for the children of CTSP employees, the Junior High School of the National Experimental High School at CTSP (NEHS@CTSP) began to recruit students in March 2016, and the construction of the junior high school building was completed soon after June 2016. With a highly praised quality of education, NEHS@CTSP now provides comprehensive and advanced junior-senior high school programs that integrate software, hardware, and resources.

In 2016, the CTSP Bureau further expanded its reach and carried out its social responsibility. It assembled and wrote the 2015 Corporate Social Responsibility Report and then received the 2016 Taiwan Corporate Sustainability Awards: NPO Gold Award from the Taiwan Institute for Sustainable Energy (TAISE). CTSP constantly strives to present information about the park's development and the performance of sustainable operations through public, transparent, and objective data.

Looking toward 2017, we will begin operating five parks in CTSP by completing the construction of the Intelligent Park and Taichung Park Expansion Project. Furthermore, we will strive to initiate the Advanced Research Park in Zhongxing New Village, as well as facilitate the second round of the Environmental Impact Assessment of Houli Park and Erlin Park so that companies can establish operations in the parks. Moreover, we will establish the Innovation Park by promoting the smart machinery industry in Central Taiwan with regard to ten major innovative industries, and we will continue to tackle projects like Innovation and Entrepreneurship in cooperation with industrial, academic, and government sectors.

In the future, CTSP will continue moving towards the goals of “intelligence, innovation, low carbon, and community prosperity” to create a multi-win situation with the hope of becoming one of the world's most competitive green science parks.

We would like to express our sincerest gratitude to all the staff members of the CTSP Bureau for their efforts. As we face this new year, we will prepare ourselves for potential challenges and forge ahead towards success.

Director-General



March 2017



Toward a Future of Intelligence



CENTRAL TAIWAN SCIENCE PARK



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**CENTRAL TAIWAN
SCIENCE PARK**



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CENTRAL TAIWAN SCIENCE PARK

Return to Our Roots

On October 16th, 2002, pursuant to the Interim Regulations for CTSP, the CTSP Preparatory Office was established in order to implement the development plan and enhance the overall effectiveness of administrative services. On January 26th, 2007, a Presidential Decree announced the Act for the Organization of the CTSP Administration, through which the Investment Division, Environment and Labor Affairs Division, Business Division, Construction Management Division, Land Development Division, Secretariat Office, Personnel Office, Accounting and Statistics Office, and Civil Service Ethics Office were all established.

Organizational Overview

The Advanced Research Park in Zhongxing New Village was approved by the Executive Yuan and developed pursuant to the government policy in order to maximize organizational effectiveness and streamline the management of human resources. On January 1st, 2011, the Taiwan Provincial Government approved the matters and personnel related to facilitating construction of the Park and the subsequent management of the Taiwan Provincial Government's hardware facilities.

On January 7th, 2014, the Legislative Yuan passed the Act for the Organization of the Ministry of Science and Technology and the three Science Park Bureaus to respond to national development and enhance Taiwan's competitiveness in that area. On January 22nd, the President promulgated the Act, and it came into effect after being approved by the Legislative Yuan on March 3rd. After reorganization, the CTSP Bureau established a Planning Division to be responsible for promoting strategy, policy, planning, and other measures for Park development. This addition brought the number of Divisions within the CTSP Bureau to six, while the number of Offices remained unchanged at four. This reorganization improved both Bureau services and tenant satisfaction and helped create an environment that promotes further development of the Park infrastructure, its talent base, and the

Widespread Presence in Central Taiwan

1,708

Total area of CTSP is currently 1,708 hectares.





transformation from an efficiency-oriented industry to an innovation-oriented industry.

A Top Science Park

On July 28th, 2003, ground was broken on the Dadu Mountain Plateau to construct CTSP as the central link of the Science and Technology Corridor in Western Taiwan that runs from Hsinchu Science Park in the north to Southern Taiwan Science Park in the south. The CTSP Bureau administers the following three fully developed parks: Taichung Park, Huwei Park, and Houli Park, and the two developing parks of Erlin Park and the Advanced Research Park. Currently, the total area reaches 1,708 hectares.

Taichung Park: A New Center Bringing Prosperity to Central Taiwan

Taichung Park covers an area of 466 hectares, and the Environmental Impact Assessment (EIA) approved an expansion of 53 hectares in 2015. Constructions for public infrastructure and factory buildings of its first major tenant (TSMC) have since proceeded in tandem. TSMC will locate its 10 nm node fabrication processes here, thus safeguarding Taiwan's leading position in the semiconductor industry. Giant Manufacturing Co., Ltd (Giant bicycles) is also going to establish its global headquarters here.

Huwei Park: The Star of Emerging Technologies

Huwei Park covers 97 hectares. The Taiwan High Speed Rail station on the eastern side of the Park began operating on December 1st, 2015, which will further help develop Huwei Park into a green park with a healthy and convenient living environment. This Park's prospects are most promising.

Houli Park: Home to Tomorrow's Technology

Houli Park comprises an area of 256 hectares, with Houli and Chising as its two primary sites. These sites target manufacturers in the opto-



The groundbreaking ceremony for the headquarters of Giant Manufacturing Co. Ltd. at Taichung expansion area

electronics, semi-conductor, and precision machinery industries and integrate the local industrial resources of Houli District in order to create economic prosperity. The second EIA for Chising is currently in progress, and its completion is expected to significantly benefit the local economy, the environment, and prosperity.

Erlin Park: Hub of the Precision Machinery Industry

Erlin Park encompasses 631 hectares. Based on the park's need to reduce its water consumption and the relevant industrial features within the park, Erlin Park's tenant company recruitment plan concentrates on the precision machinery industry, which consumes less water and emits less carbon dioxide. The Environmental Impact Assessment of the park's second phase is currently in progress. Once the assessment is complete, companies can begin establishing operations in the park.

The Advanced Research Park: The Experimental Field of Quality of Life

Located in Zhongxing New Village, and the Advanced Research Park covers an area of 259 hectares, of which 234 ha (90%) is cultural scenery. The Park emphasizes R&D and low-quantity production (except with regard to cultural and creative industries) and promotes experiments on technologies related to life in the future. Construction of public works is in progress and such entities as the Institute for the Information Industry, the Industrial Technology Research Institute, and high-tech R&D-based companies have already established operations within the park.

Integrated Momentum and Resources

In 2016, the Park welcomed 20 new tenants and plans to invest a total of NT\$3.936 billion. Seven of the Park's current tenants have announced increases to their combined investment by a total of NT\$1.6 billion. The revenue reached NT\$507.4 billion. As of the end of 2016, the Park's 189 tenants employed 39,956 people and generated combined revenue of NT\$2,487.8 billion.

In 2016, the combined revenue generated by all the Park's tenant companies reached NT\$507.4 billion, increasing 3.10% from the previous year (NT\$492.1 billion in 2015) and the second highest total since the Park's beginning. This growth occurred due to the increased market demand for smart handheld devices, which further increased the orders for semiconductor supply chains, such as foundries and IC packaging and testing suppliers. The Park's full capacity of 28 nanometer processes also pushed the revenue surge.

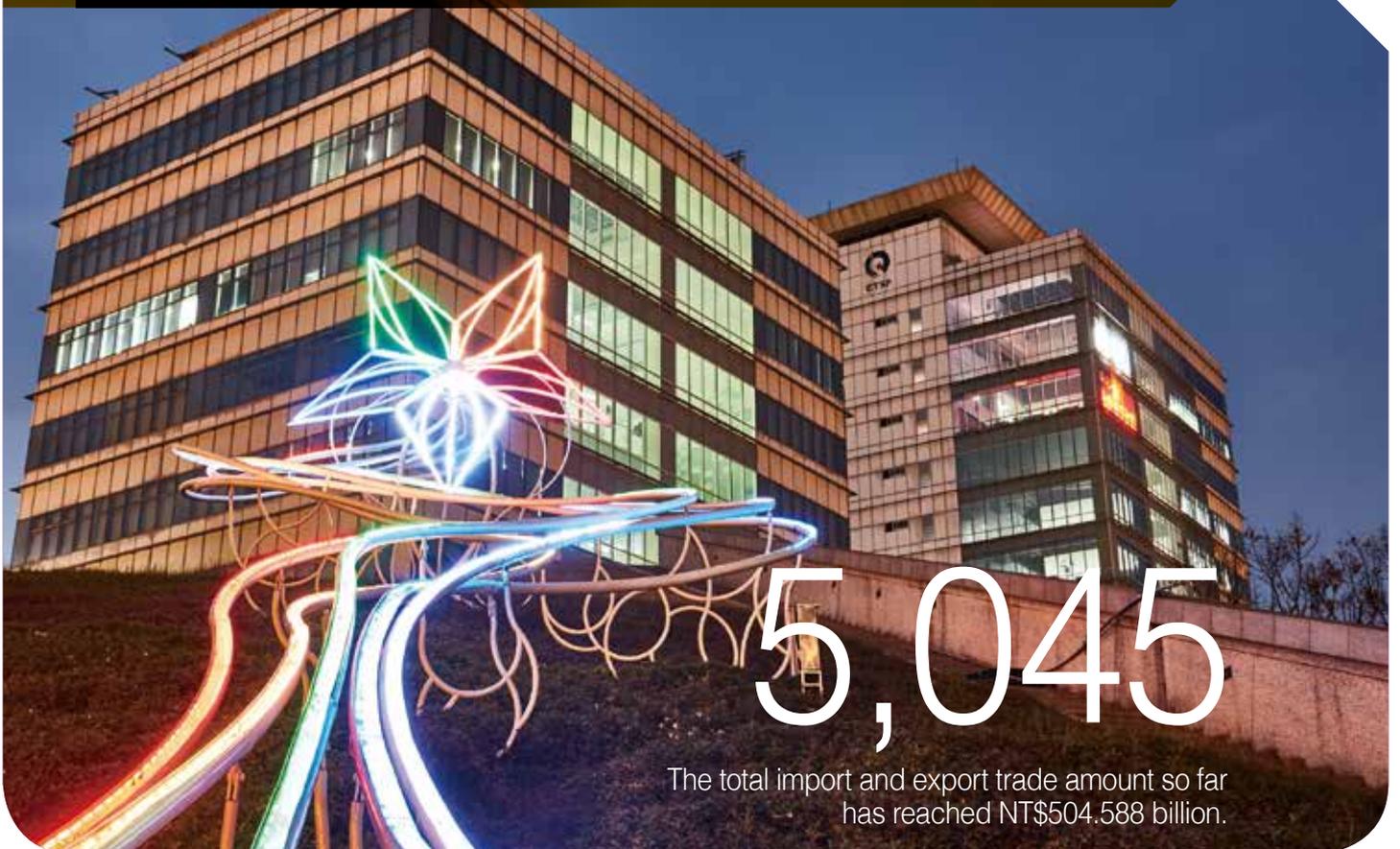
Data of our 2016 revenue shows that the IC industry generated the largest revenue share with NT\$300.344 billion (59.2%), followed by opto-electronics with NT\$175.175 billion (34.53%), precision machinery with NT\$23.822 billion (4.7%), and other industries with NT\$8.026 billion.

Import and Export Statistics

In 2016, the import and export trade volume reached NT\$504.588 billion, increasing 62.11% from 2015. Exports totaled NT\$258.690 billion, an increase of 14.03% over 2015, while imports increased 191.40% from the previous year, reaching NT\$245.898 billion. Exports exceeded imports by NT\$12.792 billion.

Among the Park's industries, opto-electronics companies achieved the best export figures, with combined export sales reaching NT\$142.979 billion. Integrated circuits came in second with NT\$96.507 billion, followed by precision machinery with NT\$14.885 billion. With regard to imports, IC

Continued Expansion



The total import and export trade amount so far has reached NT\$504.588 billion.

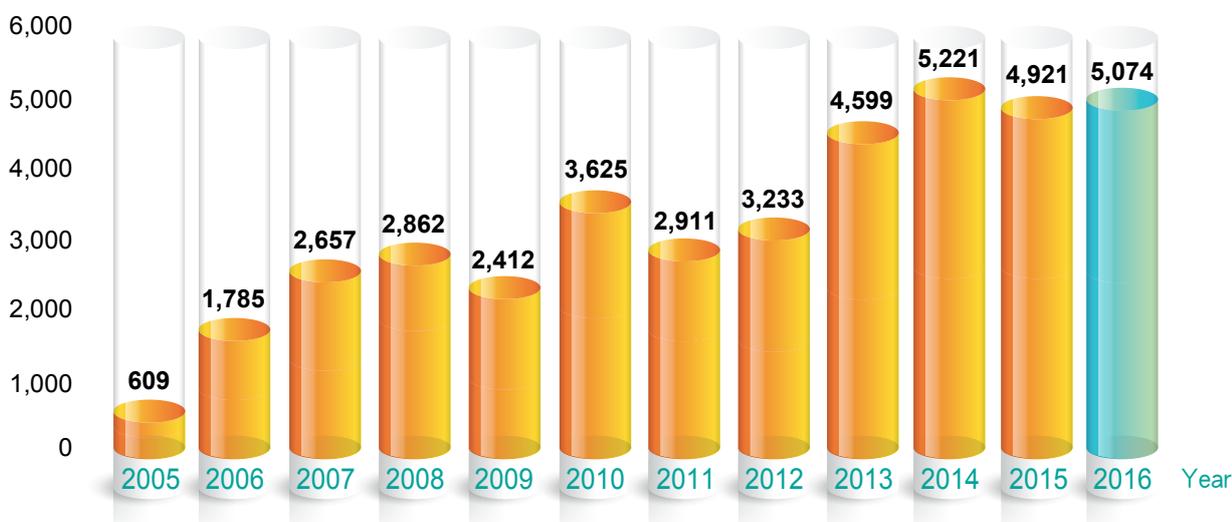
2016 Revenue Statistics for Each Industry

Unit: NT\$0.1 billion

Industry	2016		2015		Growth (%)
	Revenue	Proportion(%)	Revenue	Proportion(%)	
Integrated Circuit	3,003.44	59.20	2,763.28	56.15	8.69
Opto-Electronics	1,751.75	34.53	1,853.39	37.66	-5.48
Precision Machinery	238.22	4.70	235.65	4.79	1.09
Computers/Peripherals	34.53	0.68	30.99	0.63	11.42
Biotechnology	31.25	0.62	23.99	0.49	30.26
Other	14.48	0.29	13.87	0.28	4.40
Total	5,073.67	100.00	4,921.17	100.00	3.10

CTSP Revenue Statistics over the Years

Unit: NT\$0.1 billion



manufacturers were on top with NT\$204.899 billion, followed by opto-electronics companies, whose imports totaled NT\$35.064 billion.

Exports from CTSP-based companies rose by 14.03% in 2016, mainly as a result of the high demand for low- and middle-end smart phone chips. Thanks to the increase in semiconductor orders, chip designers, foundries, and IC packaging and testing suppliers also experienced booming business, strengthening both the export demand and the growth of the park.

CTSP-based companies increased their imports by 191.40% in 2016. As the export demands rose, top semiconductor manufacturers had to continue to invest in the advanced processes, high-end production equipment, and raw materials required for production, resulting in the increased import of capital equipment and semiconductor equipment, a record high in the Park's history. This year, despite the weak global demand and China's economic slowdown, the Park's imports continued to grow thanks to investments from the semiconductor industry.

Import and Export Statistics of the Six Major Industries at CTSP in 2016

Unit: NT\$0.1 billion

Industry	Export Value		Import Value		Trade Volume	
	2016	Growth (%)	2016	Growth (%)	2016	Growth (%)
Integrated Circuit	965.07	76.44	2,048.99	611.09	3,014.06	260.92
Opto-Electronics	1,429.79	-8.19	350.64	-30.73	1,780.43	-13.72
Precision Machinery	148.85	12.50	44.98	45.39	193.83	18.74
Computers/ Peripherals	26.28	26.00	5.28	12.36	31.56	23.49
Biotechnology	16.91	51.04	2.02	114.87	18.93	55.99
Other	0.00	0.00	7.06	-45.18	7.06	-45.18
Total	2,586.90	14.03	2,458.98	191.40	5,045.88	62.11

CTSP has been incredibly successful in attracting both domestic and foreign high-tech enterprises. As of the end of 2016, 189 tenant companies had been approved, including 38 companies in the opto-electronics industry, 70 in precision machinery, 40 in biotechnology, 8 in integrated circuits, 16 in computers and peripherals, 2 in communications and digital content, and 15 in other industries. Furthermore, 14 research institutes and incubation centers provide the Park with strong R&D capacity. This tenant category includes the Emerging Smart Technology Research Center, the Institute for Information Industry, Central Taiwan Industrial Innovation R&D Campus, Central Taiwan Innovation Campus, MOEA, Allion Labs, Inc., Taiwan Mother Cosmo Co., Ltd., Hsinjy Industrial Co., Ltd., Gain Science Technology Co., Ltd., and CH Biotech R&D Co., Ltd., among others. In fact, CH Biotech R&D Co., Ltd. broke ground for construction of its R&D laboratory in September 2016.

In 2016, 20 new companies joined the Park, including six biotechnology, five precision machinery, two opto-electronics, two integrated circuit, two computers/peripherals and two park tenant service companies, with a total investment value of NT\$3.936 billion. Furthermore, seven tenant companies raised their combined investment by NT\$1.6 billion. Among the new tenants in 2016 are Sunder Biomedical Tech. Corp., Ltd., Jing-Te Biomedical Technology Corp., Ltd., Hermes-Epitek Corp., Ltd., Tung Keng Health Technology Enterprise Co., Ltd., and GKB Security Corporation. Nine startup companies, such as Taiwan Main Orthopaedic Biotechnology Co., Ltd. and SYI biotechnology Co., Ltd., were also founded in the Park. New foreign companies included Taiwan Green Point Enterprises Co., Ltd., and Balazs Asia Co., Ltd. and green energy technology companies included Harvest Energy Technology Co., Ltd. and TronGen Power Corporation. All these new tenants reflect the level of excellence that the Park has reached in just a decade will further add momentum to the economic development and job growth of central Taiwan.

As of the end of 2016, the Park had 38 opto-electronics enterprises with a combined planned investment value of NT\$906.1 billion; these enterprises include such benchmark companies as AUO, Corning Display Technologies Taiwan Co., Ltd, Taiwan Nitto Optical Co., Ltd., JSR Micro Taiwan Co., Ltd, Huga Optotechnic, Genius Electronic Optical Co., Ltd., H.P.B Opto-electronics Co., Ltd., Taiwan Ohara Optical Material Co., Ltd., Taiwan Color Optics, Inc., Raystar Optronics, Inc., and Glory Science Co., Ltd.. These heavyweight domestic and international opto-electronics manufacturers and upstream material suppliers have established a presence at CTSP to create a complete upstream, midstream, and downstream opto-electronics industry supply chain.

Precision machinery has always been among the key industries of CTSP. With 70 precision machinery manufacturers and an anticipated investment value of NT\$57.8 billion, it is the largest industry represented in the Park. Present manufacturers are leaders in the production of opto-electronics and IC machinery and equipment, parts, and machine tools. They not only improve the precision of product processing but also raise the added value of final products. The beneficial location of the Park allows for the convenient supply of production equipment to the

optoelectronics and IC industries, thus significantly decreasing production costs, considerably increasing competitive advantages, and contributing to the development of a world-leading precision machinery cluster.

The Park's current IC industry tenants include TSMC, Winbond Electronics Corp., Micron Memory Taiwan Co., Ltd., Siliconware Precision Industries Co., Ltd., and Applied Materials Taiwan, as well as three other companies, accounting for as much as NT\$1490.4 billion in planned investments. Of these, a total of eight 12-inch fabs belonging to TSMC, Winbond Electronics Corp., and Micron Memory Taiwan Co., Ltd. have already started mass production. TSMC will continue to increase its advanced wafer production services with its 12-inch and 10 nm node fabs in 2016. One fab has already entered its trial production run. CTSP is currently well positioned to become the world's leading IC hub.

The Park now has 40 biotech companies, including Orient Europharma Co., Ltd., Yung Sheng Optical Co., Ltd., Adimmune Corporation, Yushen Biotechnology & Medical Co., Ltd., GeneReach Biotechnology Corporation, Singen Animal Health Industry Co., Ltd., Microware Precision Co., Ltd, isRed Pharma & Biotech Research Co., Ltd., Minima Technology Co., Ltd., CH Biotech R & D Co., Ltd., and Chain Year Biomedical Technology Co., Ltd.. Altogether, these companies will invest as much as NT\$10.3 billion into producing vaccines, pharmaceuticals, medical devices, and diagnostics reagents. The presence of these companies in the Park will consolidate biotech manufacturing in central Taiwan and encourage the development of a biotech industrial cluster.

Currently, the Park also has 15 utility companies, including Road Ahead Technologies Consultant Corp., Balazs Asia Co., Ltd., and Air Liquide, all of which offer substantial support to the operation, management, and technological requirements of the scientific industries. The Park has four gas suppliers onsite: Air Liquide Far Eastern Ltd., United Industrial Gases Co., Ltd., Air Products San Fu Co., Ltd., and Lien Hwa Commonwealth Corp. Meanwhile, CTSP Logistics Co., Ltd. provides

logistic and warehousing services, and Canon Semiconductor Equipment Taiwan, Inc. operates a service center in CTSP to provide maintenance services to IC and flat panel display manufacturers for their equipment. Sungen Power Corp., TronGen Power Corporation, and Sunrise PV Electric Power Two also have a presence in CTSP, engaging in solar power generation. Balazs Asia Co., Ltd. offers the precise analysis of the materials used in semiconductors and opto-electronics.



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The Park's green power industry includes solar power, wind power, high-performance batteries, and LED. As of the end of 2016, the Park was home to 21 companies involved in renewable energy, with a total investment of about NT\$ 67 billion and a total installed capacity of 27.4MW.

Regarding the computer and peripheral industry, the Park currently has 16 manufacturers of this type, including Fomex Technology Co., Ltd., Fulltech Fiber Glass Corp., Bolymin, Inc., WFE Technology Corp., GKB Security Corporation, Orange Electronic Co., Ltd., and Bigbest Solutions, Inc. Other tenants include INPAQ Technology Co., Ltd. and Info-Link Services Co., Ltd., both of which are part of the communications and digital content industry.

An Era of Universal Standards

To encourage internationalization and enhance global influence, the CTSP Bureau offers matchmaking services between domestic and foreign manufacturers, arranges visits and exchanges, recruits international tenant companies, and participates in global science park association events in order to develop a platform for international collaboration and accelerate its industrial development.

As of the end of 2016, Memoranda of Understanding had been signed with 11 science parks from the United Kingdom, Spain, Russia, Japan, South Korea, Vietnam, and China, as well as the Asian Science Park Association (ASPA). The CTSP Bureau engages in continuous exchanges with science parks abroad to identify collaboration opportunities. In April 2016, a CTSP delegation visited the biomedical industrial cluster in Kansai and Tokyo, Japan, to learn about the experiences and innovative strategies related to Japan's medical care in response to its aging population. In April and

May, a CTSP delegation visited smart cities and related manufacturers in the UK and France to observe firsthand urban planning and applications in smart cities and bring back ideas that may serve as a reference for the development of the Advanced Research Park. In June and July, a CTSP delegation visited the Czech Republic, Slovakia, and Austria to exchange ideas with industries regarding information technology and Industry 4.0 and to create cooperative research and development opportunities. In September, a CTSP delegation participated in an event held by a Taiwanese business association in Dezhou City of Shandong Province, China and visited Dezhou Economic and Technological Development Area to exchange ideas about technology industry trends with the aim of supporting the development of Taiwan-funded enterprises in China, as well as their plans for investing in Taiwan. In November and December, a CTSP delegation visited the U.S. to attract tenant companies and also attended the Seminar on Smart Machinery Innovation and Applications in Japan to enhance the exchange between the industrial, academic, and government sectors. In December, a CTSP delegation participated in the 2016 Shenzhen International Industrial Automation & Robot Exhibition and visited manufacturers in China to enable the establishment of a smart machinery industry eco-system.

CTSP also received many foreign delegations throughout 2016, including a US delegation from Austin, Texas, National Day journalists, journalists from Europe and the U.S., American and Australia Congressman, the Israel-Asia Chamber of Commerce, and a Japanese delegation from Miyazaki Industrial Association. These international exchanges have helped broaden CTSP's international perspectives and infused new concepts into science park management.

The CTSP Bureau also attended conferences held by global science park associations to promote industry upgrade and establish closer ties with science parks in other countries. In May 2016, a CTSP delegation visited Penang, Malaysia to attend the 11th Leaders Meeting of the Asian Science Park Association (ASPA).

Representatives from science parks throughout Asia attended to discuss response measures to the global economic slowdown and strategies for sustainable operation. In October 2016, a CTSP delegation visited Hyderabad, India to attend the 20th ASPA Annual Conference. The delegation exchanged well-received ideas and experiences related to promoting a smart Advanced Research Park and the transformation of science parks. Many participants inquired about further cooperation with the Park. Furthermore, the delegation visited industrial, academic, and government agencies in Bengaluru, India's Silicon Valley to promote the investment environment and status of Taiwan's science and technology parks, and these agencies responded with a strong interest in cooperation. In November 2016, a CTSP delegation visited India to attend the 2016 BengaluruITE.ibz with the goal of developing future cooperation between science and technology parks and industries in India and Taiwan pursuant to the New Southbound Policy. The CTSP Bureau continues to strengthen exchanges with science parks around the world, pursues the latest industry trends and development strategies, and continues its commitment to boosting CTSP's international visibility and influence.

Continued Market Expansion

The CTSP Bureau is committed to recruiting domestic and foreign investors and proactively invites high-tech manufacturers to join by providing a comprehensive introduction to the investment environment at CTSP. To recruit more high-tech manufacturers, a CTSP delegation visited Japan in April and December, the United States in January and November, and Europe in June 2016, resulting in the successful introduction of Air Liquide and Balazs Asia Co., Ltd. The Bureau also focused on potential investors in other countries.



CTSP attended the 20th Annual Conference and the 32nd Council of the Asian Science Park Association (ASPA) in India



CTSP visited the U.S. to attract tenant companies



Ushering in an Era of Smart Technology-CTSP 13th anniversary celebrations



Special exhibition of its Golden Archive Award-A Green Science Park

The Bureau held two tenant recruitment seminars in 2016. The CTSP Investment Seminar was held in the General Center for Academia-Industry Collaboration of National Chung Hsing University on March 9th to invite incubation manufacturers to move into the Park, and many of those present expressed an interest in doing so. On December 16th, the CTSP specifically held its Japanese Manufacturer Investment Seminar in order to attract Japanese companies to invest in and become tenants of CTSP.

On July 29th, festivities were thrown to celebrate CTSP's 13th anniversary. Both tenants and local residents were invited. Innovative Product Awards were handed out to outstanding high-tech companies that had contributed to the High-Tech Equipment and Advanced Technology Development Plan. With the Park becoming the force of the growth of the high-tech industry with a focus on research and development, high-quality Park incubators were also honored with awards and highlighted as role models for injecting innovation momentum into the Park.

To announce the achievements of CTSP, attract tenants, and encourage Park development, the Bureau regularly participates in major domestic trade shows, such as Photonics Festival Taiwan and Bio Taiwan, so that it can share CTSP's performance and achievements, maintain visibility, and strengthen the Park's image to attract future tenants. Innovation has become the core competitiveness in an ever-changing global industrial environment, so the CTSP, National Applied Research Laboratories, National Synchrotron Radiation Research Center, Innovation Incubation Center, Chaoyang University of Technology, Business Incubation Center, Feng Chia University, and National Yunlin University of Science and Technology jointly organized the 2016 Mini Dream Maker Infinite, a creativity contest and exhibition for students and young people in order to connect the unique industries of central Taiwan, the creativity of local makers, and the R&D capabilities of educational institutes. The event stimulated central Taiwan's maker movement and fostered next-generation talent, thus creating business development opportunities.

In terms of media materials, CTSP's 2015 Annual Report was published in Chinese and English in print and online in Chinese, English, and Japanese. This publication provides information about the Park's development to high-tech manufacturers all around the world with the goal of attracting potential tenants. Issue No. 147 of the CTSP Newsletter (first issued on August 5th, 2004) was published in December 2016. Each issue contains complete coverage of the latest developments and is sent to subscribers around the world, as well as posted on the CTSP website.

Striving for Golden Archives Awards

On March 8th, 2016, the 83rd executive meeting of CTSP resolved to participate in the 15th Golden Archives Awards. A task force was subsequently established, and former Deputy Director-General Ming-Huang Chen was appointed to act as the convener to promote archive management.

The former Director-General Wayne Wang held a vote to elect the slogan of the Gold Archives Awards as "Passing Down Archives with Care" to reflect the Bureau's archive management goal. The staff learned from six winning organizations and made 100 study reports and 81 recommendations; the staff participated in a total of 1,803 hours of various archive management training courses. As of the end of 2016, 27 task force meetings were held to resolve 138 proposals, all of which were thoroughly implemented.

To establish a good archive environment in the Bureau, the staff has made every effort to sort at least 550,000 files and actively promote the file application by setting up a promotion plan at job fairs and community activities. In 2016, the public submitted 152 applications for file applications. Two special exhibitions of file applications were held: "A Green Science and Park-Cobo's CTSP Bike Tours" and "Elegance of Zhongxing New Village-Eight Scenic Spots", which attracted a total of 5,100 participants. With the staff's all-out efforts and the leadership of the Director-General, the Bureau's archives management continues to improve daily.

Smart Education with Adaptive Programs

The National Experimental High School at CTSP (NEHS@CTSP) was established seven years ago in 2010. Guided by a medium to long-term vision, appropriately summed up with the slogan "Capability, Vitality, Internationalization", NEHS@CTSP offers Taiwan's youth a diverse, lively, and international learning environment.

The new construction project for the junior high school was completed in 2016. Starting from August 2016, the junior high school program had a total of four classes with 120 students, 84 of which (70%) were children of CTSP employees. In 2016, the school held its independent exam-free recruitment program, enrolling 36 students (30% of the available spots) in line with the K-12 compulsory education system. The school guarantees outstanding education for these children, which helps further attract key talents and drive healthy development at CTSP.

In 2016, this year's graduating class of 118 students achieved excellent scores in the Taiwan General Scholastic Ability Test (GSAT). The school's average GSAT score was in the top bracket with 58 points, and the experimental mathematics class scored an average of 63 points, placing it well within the top national bracket. In December 2016, Kuo, Yun-Tung was admitted to the Department of Public Health of National Taiwan University. She was the first student of NEHS@CTSP to be admitted to the university through special admission before the GSAT.

In 2016, the third phase of the High Scope Program's "Renewable Energy Curriculum and Renewable Energy Extension Education" promoted by the Ministry of Science and Technology was passed. An extension of the second phase, the third phase continues to focus on innovative curriculum modules. As a chief architect of the program, NEHS@CTSP integrated the humanistic maker quality with emerging technologies and promoted renewable energy makers and exploratory innovative curriculum modules in both junior and senior high school programs.

Improving Science and Technology Capacity



39,956

The total number of park employees is 39,956.



Aerial view of NEHS@CTSP



NEHS@CTSP students participated in international exchange in Germany

In 2016, the school hosted the Fourth Senior High School English Debate Contest, as well as the National Senior High School English Debate Contest. Furthermore, the school organized the Central Taiwan Senior High Schools' Second Foreign Language Camp and developed a signature foreign language competence curriculum. NEHS@CTSP and the Goethe Institute Taipei also signed off on the Goethe Classroom project, which allows teachers and students to visit Evangelisches Gymnasium in Doberlug-Kirchhain, Germany and offers opportunities for the establishment of sister schools and short-term international exchange. The school has also participated in exchange activities with Osaka Senri Senior High School to prepare students for international work. In 2016, the NEHS@CTSP staff and students attended various inter-school competitions with excellent results. Some of their awards include a new patent for the Hexagon Star Chess Game, Winner of Central Taiwan English Speaking Contest, First Place for Vocal Solo Soprano-Senior High School Group in the National Student Competition of Music, and First Place in the Taichung City English Reader's Theater Contest.

The construction of NEHS@CTSP's junior high school building was granted the Diamond level label by the Taichung Urban Design Awards (First Place for Public Construction) and the President's Award from the School Building Society of the Republic of China. The school aims to provide a diverse and flexible curriculum that balances the spirit of scientific enquiry with humanitarian concerns. The goal of the school is to instill care and concern for the planet, develop a global mind in teachers and students, and equip them with international connections and experiences by promoting transnational scientific, cultural, and educational exchange and developing strategic alliances and cross-border courses. The aim of NEHS@CTSP to bridge the world could thus be achieved, leading to an internationalized experimental science and technology school.

Academia and Industry Working Together

CTSP Academia-Industry Consortium

The CTSP Academia-Industry Consortium is vital for promoting collaboration and training among industries and research institutes. Since being established in September 2008, the Consortium has organized forums, lectures and large-scale academia-industry job fairs to connect the teaching, training, and research capabilities of industry, academia, and government with CTSP. Some of the topics tackled include Innovation and Entrepreneurship, Smart Machinery, and Internet of Things. The Consortium has also continuously promoted CTSP's industrial development and participated in innovation activities. It further indirectly promotes academia-industry collaboration and helps integrate resources to strengthen the competitiveness of high-tech industries in the Park.

In addition to convening its 4th Annual Executive Board Meeting, Supervisory Committee Meeting, and General Assembly of Members in 2016, the Consortium also organized the following events: the Operator Forum on July 5th, where the former Minister of Science and Technology Hung-Duen Yang was invited and assisted in implementing and promoting the Academia-industry Exchange Platform for Central Taiwan



Science and Technology Park; the Seminar on Academia-industry Experience on May 20th in collaboration with the Department of Academia-Industry Collaboration and Science Park Affairs of MOST and the Science & Technology Policy Research and Information Center of the National Applied Research Laboratories; the Seminar on IoT & IoV Platform and Applications on June 16th in collaboration with Mobiletron Co., Ltd.; the 5th NCHU Precision Machine Tools and Smart Technology Contest and Goodway Group Implementation Award on October 15th in collaboration with Goodway Group; the 2016 Taiwan Photonics Valley International Forum on October 21st in collaboration with the Taichung City Government and the Ministry of Economic Affairs; iCampus 2016 on November 29th in collaboration with Tunghai University; BR+ Year-end Match on December 17th in collaboration with Pou Chen Group; and the CTSP Innovation and Technology Forum on June 3rd and December 6th. All of these events are aimed at building an academia-industry platform for CTSP and strengthening the industry-academia relationships.

CTSP and Advanced Research Park Professional and Technical Personnel Training Program

To improve the expertise and skills of CTSP personnel, the Bureau organizes annual talent training and applied management courses (opto-electronics and solar energy, semiconductor, precision machinery, science and technology management, and biomedical industry). Such courses offer the employees of our tenant companies additional channels for education while helping tenant companies enhance their talent pools and cultivate outstanding professional and technical staff, thus building core competencies within the Park.

In 2016, the CTSP Bureau implemented the “Training Program for Professionals and Technicians at CTSP and Advanced Research Park” with 18 training courses in five categories. The courses were very well received by the 591 participants, who were mainly park employees and potential professionals from central Taiwan. Two seminars, one on Productivity 4.0 and the other on Internet of Things, were also held and attracted 115 attendees.

Science Park Talent Cultivation Plan

This plan encourages colleges and universities near the Park and companies in Taiwan to jointly offer academia-industry modular courses and business internship programs. The goal is to monitor the demands for technical talents in high-tech industries through collaboration and training courses organized by enterprises. Participants can thus accumulate practical experience by taking advantage of the training programs offered by businesses. As a result, graduates will be equipped with professional skills, and the time required for training new hires will also be reduced. It also effectively counteracts Taiwan's brain drain and consolidates high quality talent. A total of 13 modular courses were approved and subsidized for nine schools in 2016, which attracted a total of 969 participants.

High-Tech Equipment and Advanced Technology Development Project

Seven projects were approved for phase II of the 2016 High-Tech Equipment and Advanced Technology Development Project. Seven manufacturers and eight academic institutions participated in these projects, which received subsidies of NT\$69.5 million and NT\$141 million in investments from enterprises. These results are a clear indication of the program's effectiveness and ability to stimulate enterprises to invest more in R&D. We expect this to give rise to a production value of NT\$2.965 billion. The Park received 24 domestic and 22 overseas patent applications, 33 papers were published domestically and internationally, and 32 domestic and overseas research reports were made. The program will contribute to consolidating a solid local talent base, nurturing 855 R&D professionals, 84 doctorates and masters, and 25 interns, while also directly creating 165 job opportunities.

R&D Advancement Program and Innovation Awards

In 2016, the CTSP Bureau approved subsidies for nine R&D projects worth a total of NT\$22.719 million to help its manufacturers with technology innovation. The manufacturers invested another NT\$57.62 million into research and development. This program is expected to aid the integration of the resources necessary for academia-industry collaboration, as well as create a win-win situation regarding both employment and industry clusters. The Park further encourages manufacturers to be devoted to the innovation, research, and development of new products, and thus the Bureau established the Innovative Product Awards. The 2016 recipients were AUO for their 55-inch Super Narrow Bezel Video Wall, Raystar Optronics, Inc. for Generic low color temperature OLED bulbs, Taiwan Color Optics, Inc. for its Glass phosphor color wheel, Huga Optotech Inc. for its GaN Integrated Circuit, and Gallant Precision Machining Co., Ltd. for its High-performance Glass Panel Grinding and Testing Equipment.

High-tech Industry Equipment, Technology, and Intelligence R&D Program- Preliminary Stage

To enable industrial upgrades and create a smart machinery industrial cluster, the Bureau has promoted smart robots, processing of precision medical instruments, and ICT equipment in accordance with the needs for prospective production. In 2016, the Bureau built four demonstrative production lines, organized three seminars on smart machinery, and had an expert advisory team provide guidance to 13 manufacturers. In 2017, the Bureau expects to implement the Plan for



Operator Forum held by the CTSP Academia-Industry Consortium



Director-General Ming-Huang Chen (seventh from the right, first row) and school and company intern representatives were awarded the certificate of appreciation



Director-General Chen served as a panelist in the 2016 Smart Electric Vehicle Development Forum



The first-tier award ceremony of Innovation and Startups Project 2016



The Bureau visited Goodway and NCHU to attend a presentation of the High-tech Industry Equipment, Technology, and Intelligence R&D Program



CTSP Joint Job Fair

Enhanced Regional Cooperation-Smart Machinery and Aerospace Industrial Upgrade pursuant to the smart machinery policy, as well as to continuously advance the industrial guidance it provides. Furthermore, the Bureau will assist the local government in promoting smart cities and developing smart machinery and the aerospace industry in Central and Southern Taiwan, as well as key automation technologies and equipment. The Bureau will do all this in order to improve the output value of the precision machinery industry in Central and Southern Taiwan.

Innovation and Startup Projects

In 2013, the Ministry of Science and Technology initiated the Innovation and Startup Project to bridge the gap between innovation and entrepreneurship. The project was championed by the National Applied Research Laboratories, and individual administrations have worked together to provide internal and external resources, entrepreneurship venues, and other services, including mentoring, assistance and training, start-up offices, dormitories, coaching by CTSP entrepreneurs, testing and certification services, and instruments and equipment from academic and research institutes.

The project includes an annual two-tier competition. Forty teams are selected for each tier to spend time at one of the three science parks under the guidance of the respective bureau. Following a three-stage screening process, four to six of the 40 teams are chosen to receive the Outstanding Entrepreneurship Award and a total of NT\$2 million in start-up funding. In 2016, 17 teams in the first tier were selected to join the CTSP team. A refined silicon film team established the Hawing Gems Technology Co., Ltd.(NUK Advanced Business Incubation Center). The CoFlying Biomedical Co., Ltd., KongGuLi, and ChaseWind teams received Awards for Excellence and the largest amount of start-up funding. In the second tier, 13 teams were admitted to the CTSP team. All Aspect System received the Award for Excellence and the largest amount of start-up funding. GreenChannels received the Entrepreneurial Potential Award and start-up funding.

Encourage (New) Incubation Centers at CTSP to Cultivate High-Quality Enterprises and Recognize Outstanding Companies from the CTSP Entrepreneurial Incubator

The CTSP Bureau holds an annual competition to encourage park incubators to support startups, with the ultimate goal of encouraging incubation centers and research institutions to serve as incubation service providers. As a result, outstanding technology can be cultivated within the Park's tenant companies to build a strong, science-based CTSP. In 2016, the Innovation Incubator of National Chung Hsing University was awarded the top prize.

Matching Talent with Opportunities

The number of employees working at CTSP is constantly growing and reached 39,956 in December 2016, growing by 6,938 persons (21%) from 2015. The opto-electronics industry has the greatest share of employees with 43.75%, followed by the semiconductor industry (34.1%). Of the Park's employees, 75.27% have a college degree or higher. The male-female gender ratio is 63.9% to 36.1%.

To assist CTSP tenants in recruiting outstanding talents and help local residents find employment, the CTSP Bureau works together with both central and local governments to provide complete and tailored employment matchmaking services. CTSP Job Fairs were held on April 23rd and August 6th, 2016 with the Taichung City Employment Services Office. During the two fairs, 41 tenant companies and 1,725 job seekers attended, and 2,535 job openings were being offered. We also collaborated with the governments of Taichung City, Nantou County, Yunlin County, Changhua County, Taichung Branch of Export Processing Zone Administration, and the Ministry of Economic Affairs to organize three additional job fairs to fill vacancies at CTSP tenant companies with the residents of nearby counties. Furthermore, we worked with the Taichung City Employment Services Office to assist 87 tenant companies with individual recruiting events.

2007 to 2016 Employment Statistics

Unit: Persons



CENTRAL TAIWAN SCIENCE PARK

Complete Infrastructure with Diverse Services

To serve both the manufacturers and employees at CTSP, the Bureau has introduced the following business services:

1. Industrial and Commercial Services Building: As of the end of December 2016, 34 businesses had set up their offices in the Industrial and Commercial Services Building, the occupancy of which exceeded 90%. In addition to financial services, healthcare, employment, a post office, transportation, shopping, and food and beverage services, the Allied Association for Science Park Industries, Industrial Technology Research Institute Commercialization and Industry Service Center for Central Taiwan, the Taiwan Laser Application Development Association, and the Taiwan Optics/Optronics Manufacturers' Association offers services to manufacturers through their presence at CTSP. The limited-service post office (a branch of the Daya Post Office) has even been upgraded and is now the CTSP Post Office, which also offers banking and insurance services. In October, the CTSP Bureau delegation took an observation tour to the Tainan Cultural and Creative Industrial Park to exchange knowledge and experiences between both organizations. In July 2015, Yame Coffee & Kitchen opened in the Park to offer both occupants and visitors excellent food and beverage services.
2. Standard Factories: Catering and financial services are provided.
3. Logistics Center: Warehousing, import and export warehousing, customs clearance and handling, transport services, and integrated logistics planning are all provided. The onsite customs clearance has been a significant improvement and considerably reduces time spent between the airport and the warehouse.

To consolidate one-stop counter services and enhance administrative efficiency regarding applications submitted by manufacturers, the CTSP Bureau has been authorized to handle administrative matters that help expedite business registration. Such services include company and

Building a LOHAS Environment



777

CTSP staff carried out 777 labor inspections to ensure an excellent working environment.



CTSP Bureau Information Counter



The limited-service post office was upgraded to the CTSP Post Office



The Bureau visited Keelung Customs, Customs Administration, Ministry of Finance to cultivate the bonded staff's professionalism

manufacturing facility registration, tax deduction, personal property endorsement and employment permits for foreign professionals, online completion and submission of annual statements, and even legal advice.

Company registration at CTSP is a convenient one-stop process that a tenant company can complete online in strict compliance with regulations of the Ministry of Economic Affairs (MOEA), from submitting forms and uploading documents to the payment of fees. Furthermore, the one-stop online window offers real-time tracking of application progress and results.

In accordance with the 2015 Taiwan WB Business Environment Reform Program, the National Development Council has established a secure transaction system so that new entrepreneurs and enterprises can more easily acquire financing. The Bureau has been included in the MOEA's Secured Transactions Online Registration Site for the tenants' convenience so it is now possible to apply for mortgages without sending in paper documents, which directly reduces carbon emissions.

The customs clearance system has new functions that were added just this year so that it provides complete import and export declaration and processes export and import permits for strategic high-tech goods, as well as for normal shipments. This high-quality service is provided with a single application that results in fast and convenient customs clearance and sign off and ultimately saves CTSP tenants both time and money.

This system also allows for bonded warehousing, which subsequently reduces the financial burden of import duties, as well as offers electronic handling of commission processing within the Bonded Zone, the issuance of Zone exit certificates, scrapping certificates, etc., in order to enhance administrative efficiency. Quarterly briefings keep tenant companies informed about laws and regulations related to foreign trade and bonded businesses, and additional information sessions throughout the year introduce them to the onsite customs clearance system. All of the CTSP customs clearance and bonded zone systems offer simple and convenient processes that can improve the overall efficiency and competitiveness of tenant companies.

To enhance government administrative efficiency and convenient public services, as well as satisfy the innovation requirements of both individuals and enterprises, the CTSP Bureau uses modern information technology to actively promote e-administration and real time operations, such as the Shared Science Park Company AP, Billing Function of Business Management System, and Science Park Customs Clearance System, provide manufacturers with integrated information, and accelerate the application progress, in order to make CTSP a model for a quality high-tech science park with sustainable management.

To enhance CTSP's recognition and provide even more convenient services, the CTSP Bureau has made extra efforts to introduce public facilities, including a transportation map on the official CTSP website, an interactive 3D guided office building tour, bike trails, and a free park-wide shuttle bus. The public is encouraged to send suggestions and other communications through e-mail, and such feedback always receives prompt response from the CTSP. Furthermore, the Web2.0-Facebook page "CTSP Bureau" was established so that we can post related information and interact and share ideas with relevant communities.

In response to the establishment of a shared computer room and intranet between the Ministry of Science and Technology and the three science parks, we have adjusted our network structure and created a virtualized information system to integrate the information system with the shared computer room. These shared information resources enhance service quality and contribute to reducing electricity and promoting environmental protection.

The Bureau has also expanded the Wi-Fi network at CTSP in accordance with the "Leveraging ICT Technology to Develop the Intelligent Parks Project" by setting up i-Taiwan for people in public areas. Users can provide their cell phone numbers to register online, and after validating the account via a text message sent by the system, users can start using Wi-Fi services in hot spot areas. Users can also use Wi-Fi services in public hot spots nationwide by activating their i-Taiwan accounts.

Online Dormitory Rental Service in Taichung Park and Advanced Research Park

In 2016, the Bureau implemented the dormitory rental service on the tenant company portal, where tenant companies can simply apply for dormitories and save postal fees.



The sale of Xiangsiliao was finalized



CTSP Bike Tour, Giant Carnival

A Virtuous Neighborhood

Finalized Sale of Xiangsiliao

After several years of cooperation among government organizations under the supervision of the Executive Yuan and the Ministry of Science and Technology, the reservation of Xiangsiliao, the relocation of arable land, and LN. Nongchang Lot Sales Project was achieved in November 2016, and now farmers can continue to farm and live safely. Therefore, the interests and agricultural needs of residents were respected, creating a balance between economic and agricultural development.

Cleaning the Advanced Research Park Dormitories

Currently, the Advanced Research Park has more than 800 spare dormitories. In 2016, to improve the quality of the living environment, the Bureau began cleaning the spare dormitories (including removing miscellaneous articles and weeds and repairing doors and windows). So far, 725 dormitories have been cleaned up and are now patrolled every day at a fixed time to ensure a safer living environment for tenant companies, staff, and residents.

A Good Neighbor

To help the local communities understand how CTSP recruits tenant companies, the Bureau arranged for residents and borough leaders of communities adjacent to the Park to visit Taiwan Development Institute in 2016. They were further invited to the Cross-strait Arts and Crafts Exhibition held by the Institute in order to promote local traditional art and be a good neighbor.

To enhance harmonious relations between employers and employees and encourage friendly exchanges between tenants, service providers, and the nearby communities, the CTSP Bureau organized various worker-oriented recreational and welfare events in 2016, such as the CTSP Film Festival, a softball tournament, and the Giant Cycling Carnival in collaboration with Giant and the Taichung City Government, among others. These particular activities were organized to not only entertain the participants but also enhance the physical and mental health of employees. The immensely popular CTSP Film Festival recently concluded its eighth edition, during which 16 films were screened, and the Park's 350 mega screen attracted around 2,000 viewers from among CTSP personnel and nearby residents.

To achieve the Park's goal of being a friendly neighbor, we organized the "Clean Homeland: A Nationwide Movement" activity in 2016. CTSP tenants, borough leaders, and residents were all invited to participate in a cleanup of the streets and beaches, turning words into action. Through such activities, we hope to inspire others to join the environmental conservation movement and improve the quality of the living and natural environment. To maximize the effect of our "friendliness to neighbors" campaign, each Clean Homeland task includes such related activities as recycling, creating a green environment, energy saving and carbon reduction, and environmental education, as well as festive activities. This variety attracted even more people to make CTSP a most "friendly neighbor" that works hand in hand with everyone. In 2016, seven different activities were organized with a total of approximately 643 participants.



Houli Film Festival



Daan Beach Cleanup



2016 CTSP Softball Tournament

Striving for Occupational Safety and a Sound Environment

In response to the dengue fever epidemic, the Bureau adopted the belief that an ounce of prevention was better than a pound of cure and immediately implemented pro-active policies. We carried out extensive health awareness and education activities, facilitated the removal of stagnant water, and took other precautionary measures. Unit leaders and representatives assumed the responsibility to spread correct prevention concepts and mobilize resources from both inside and outside the Park to strengthen the overall capability to withstand outbreaks.

To better the Park's occupational safety and the self-management of CTSP tenants, the Bureau actively guided the operation of the CTSP Industrial Safety Promotion Association, which was categorized by industry and park into Semiconductors, Opto-electronics Solar Energy, Machinery, Biotechnology, Houli Park, Huawei Park, and Plant Protection, to form seven occupational safety clubs. The larger companies lead the smaller ones, and through group discussion, publications, and contests related to safety and health, information on safety management and hazard prevention and personal experiences regarding health and safety management can be shared. Responses to emergency situations are discussed, and particular attention is



CTSP co-organized a drill in joint response measures for disaster prevention with Taichung City Government and TSMC Fab 15A



2016 CTSP Employee Recognition

given to mutual support through rescue facilities. Meetings are held to disseminate information regarding health and safety laws and regulations. These measures effectively enhance health and safety management standards at CTSP, and ensure that emergency response capabilities can be utilized to the fullest.

The Bureau has also introduced an active disaster prevention and reduction system to improve the Park's early-warning disaster system, emergency responses, and post-disaster recovery. In 2016, the Bureau established the Structure Monitoring and On-site Earthquake Early-warning System together with the National Center for Research on Earthquake Engineering. This system provides instant warning of a shock to a structure collects relevant data, and quickly diagnoses and analyzes structural safety after an earthquake. The Bureau also established the CTSP Smart Disaster Prevention System (Huwei Park) in collaboration with Taiwan Typhoon and Flood Research Institute of the National Applied Research Laboratories. This system identifies regional water conditions and evaluates flood risks in the near future (1~6 hour(s)) through sensors, high-end monitoring technology, and images produced by observation equipment.

The CTSP Bureau organizes annual activities to select and publicly recognize any unit, staff member, or employee making an outstanding contribution to health and safety promotion at CTSP.

In 2016, the Bureau organized six information sessions to promote knowledge and awareness of labor laws and regulations by combining various events, such as assigning a budget to subsidize employers' childcare measures, holding meetings on gender equality in employment to get members feedback, and developing gender equality seed teachers. The Bureau also organizes MOL projects and handles complaints filed by CTSP employees to reinforce reviews of working conditions, as well as to consolidate and secure the rights of employees. We also pro-actively mediate disputes between employers and employees and provide guidance with regard to complying with regulations to reasonably resolve disputes.

This year, we have handled six occupational safety and health-related counseling projects with a case approach and supervision. Furthermore, we facilitated 11 workshops and seminars on occupational health and safety regulations, a screening visit to units with outstanding health and safety practices, and an occupational safety seminar in which relevant equipment is exhibited. In 2016, Labor Supervision and Inspection Plan personnel performed 17 inspections and 777 labor supervisions and inspections, thus demonstrating our commitment to actively develop a work environment that is safe, healthy, and humane.

To enhance CTSP's natural disaster response capacity , safeguard and property of tenant companies, the Bureau has integrated its structures and processes with the disaster prevention and rescue resources of surrounding areas and has strengthened drills through joint response measures. In 2016, CTSP co-organized a drill in joint response measures for disaster prevention with Taichung City Government and TSMC Fab 15A. The Fire Bureau of Taichung City Government, Environmental Protection Bureau of Taichung City Government, Environmental Incidents Specialist Team, Environmental Protection Administration, the Park's special police, the 36th Chemical Warfare Group of the ROC Army, and CTSP tenants all participated in this drill.

CTSP promote occupational safety and health education, guidance, labor inspections, and the review of environmental protection permits using one-stop service based on information technology that consists of prior safety assessment and counseling. Enterprise self-management is also reinforced, while park-wide participation is encouraged. Various disaster prevention resources are also used to improve the Park's overall safety and health standards, as well as the efficacy of worker health and labor inspections.

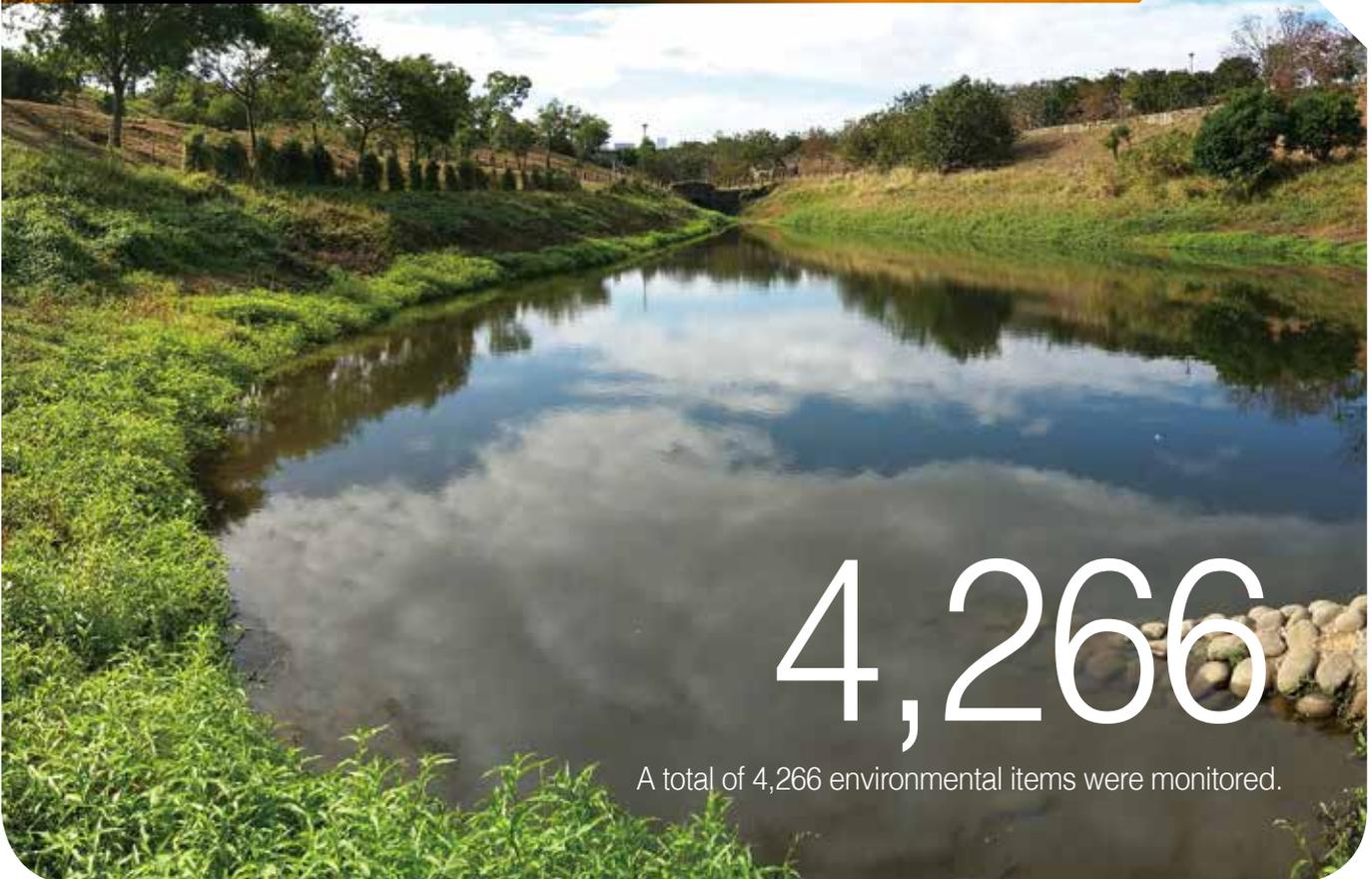
Eco-friendly Construction with Sustainable Energy

Effluent quality is a key indicator of the level and efficiency of water treatment provided by the environmental protection facilities of any science park. The Wastewater Treatment Plant Laboratory at Houli Park obtained Taiwan Accreditation Foundation (TAF) Certification (No. 2823) in September 2013. Its TAF certification was renewed in August 2016, thus demonstrating their self-management capability and guaranteeing proper wastewater treatment, as well as the testing of effluent quality to ensure testing precision and credibility. The laboratory also obtained a National Institute of Environmental Analysis (NIEA) water quality and quantity certificate in July 2014, as well as the certification of additional items in both December 2014 and September 2015. The Houli laboratory was the first wastewater laboratory to be certified by the Environment Analysis Laboratory of the Environmental Protection Administration, Executive Yuan. These certifications have increased the confidence of the authorities with regard to the wastewater treatment and water quality of Houli Park Wastewater Treatment Plant Laboratory.

Since June 2013, Huwei Wastewater Treatment Plant Laboratory has promoted the preliminary operations of TAF certification, including data collection and compilation, participation in training courses, and quality assurance. The Laboratory submitted an application for certification on March 28th, 2014 and was granted it (No. 2945) on November 21st, 2014.

On November 16th, 2015, the laboratory at the Taichung Wastewater Treatment Plant submitted an application to the National Institute of Environmental Analysis(NIEA), Executive Yuan to be designated an environmental measurement organization laboratory. On January 13th, 2016, NIEA completed its quantitative and qualitative evaluations of the laboratory's tested water, and the certificate (No. EPA-174) was granted on February 15th, 2016.

Promoting Sustainability



4,266

A total of 4,266 environmental items were monitored.



Improved Nitrogen Removal of Wastewater Treatment Plant

The first, second, and third phases of the wastewater treatment plant for Taichung Park have already been completed, with a design capacity of 104,500 CMD (m^3/day). As of September 2014, the approved capacity exceeded 76,000 CMD. We expect the Taichung Park Expansion Project to generate 38,000 CMD, which cannot be properly treated by the wastewater treatment plant built during the first three phases. Therefore, the Bureau promoted the fourth phase of the wastewater treatment plant, which was designed with a capacity of 40,500 CMD in order to accommodate the needs for wastewater treatment of the Taichung Park Expansion Project. In accordance with the Science Park Sewer Systems Effluent Standards, the wastewater treatment plant for Taichung Park will have to keep the ammonia concentration below 30 mg/L, starting on January 1st, 2017.

So as not to affect the wastewater treatment plant's normal operation, the nitrogen removal of the wastewater treatment plant for Taichung Park should be implemented in phases. The first-phase nitrogen removal of the wastewater treatment plant for Taichung Park has already been completed and was handed over to the operating unit on January 12th, 2016. The second phase of nitrogen removal started on February 9th, 2016 and was completed on November 24th, 2016. The nitrogen removal of the third and fourth phases will be subsequently implemented.

Implementing Comprehensive Controls and Environmental Permit Review

CTSP administers Taichung Park, Houli Park, Huwei Park, Erlin Park, and the Advanced Research Park, all of which fall within comprehensive pollution control zones that have passed EIA assessment. Before a manufacturer can establish a presence, said manufacturer must first submit an Estimated Global Pollution Volume Form to the CTSP Bureau for review. By doing so, the Bureau can keep track of the amount of pollution that the manufacturer is likely to generate and also aids with total volume control. When a new business requires air, water, or waste environmental protection permits, or another approval required by law, the applications should be submitted through the Bureau in accordance with the relevant procedures. A fixed pollutant permit review needs to be performed together with the local competent authority; this application should also be submitted through the CTSP Bureau, which reviews stationary sources of air pollution and handles the process with the local competent authorities.



Air Quality Monitoring Station



Control center of Houli wastewater treatment plant

Improving Sewage Systems

All parks under CTSP's management have complete sewage systems established. All public sewage water and process wastewater is collected at the wastewater treatment plant to be treated in accordance with national effluent standards, and even the stricter EIA standards, prior to being released from the Parks. Each Park has a dedicated sewage system for collecting rainwater and sewage using various methods. The rainwater recovery system collects runoff from the terrain and public areas of the Park. Tenants are required to implement rainwater collection into their architectural design and set up rainwater discharge that feeds into the Park system. This water is collected in ponds that form part of the landscape. Excess water from the ponds feeds into the parks receiving water. In 2016, Taichung Park had 135 tenant companies, Houli Park 16 tenants, Chising Park two tenants, and Huwei Park six tenants.

The Park's sewage treatment plants have adopted a three-tiered wastewater treatment method. In 2016, the effluent water quality met the established criteria, as well as the stricter EIA commitment criteria. The total pollution amount was also below the total volume ceiling.

Zhongzheng Road Pipelines in the Advanced Research Park

To improve national competitiveness and industrial research and development capacity, the Ministry of Science and Technology promoted Zhongxing New Village Advanced Research Park to the total amount of NT\$12.86 billion. The Advanced Research Park was constructed on Zhongxing New Village's existing foundation. In addition to establishing both south and north core research areas (for high-tech research and culture innovation), the original residential area has remain unchanged in order to preserve the historical and cultural assets, so the project will have a special significance. Thanks to the active promotion of the Ministry of Science and Technology, related constructions in the first phase, including the south core research area and the improvement to Guangming Road.

The land currently available for lease in the Park includes the south core research area, which encompasses an area of 17.91 hectares. The Zhongzheng Road and Public Pipeline Improvement in Zhongxing New Village Advanced Research Park, which contributes to the important access, water supply, and sewage connections to the Advanced Research Park, were completed on December 28th, 2016. The construction reduced traffic bottlenecks and improved the nearby drainage facilities in Zhongxing New Village.

The Second Phase of EIA in Erlin Park and Chising Park

Science and technology parks are economic pioneers of those industries. As ecology deteriorates and environmental protection awareness increases, economic development and environmental protection have been like two sides of a coin, and developers inevitably have to consider both of them. Many originally had doubts and worries about the development of Erlin Park and Chising Park. With employees' constant efforts to actively communicate and reach a consensus with stakeholders to reduce ecological devastation and environmental pollution, related lawsuits have been settled. The second phase of EIA in Erlin Park and Chising Park is currently in progress. The Bureau will help to pass the second phase of EIA as quickly as possible so that it can start attracting outstanding companies to move into the parks in compliance with related regulations and the prerequisites of a sustainable environment, thus further driving local prosperity with promising prospects.

Implementation of Environmental Monitoring

All parks administered by the CTSP Bureau comply with EIA requirements pursuant to the Environmental Impact Assessment Act. In the spirit of the Law, each park must perform environmental monitoring based on an Environmental Monitoring Plan, which shall be established in its Environmental Impact Statement. Items that need to

be monitored include air quality, noise and vibration, effluent quality, surface water quality, underground water quality, sedimentation, soil, ecology, traffic volume, and cultural assets. In addition to the EIA Statement, the CTSP Bureau has added their own complementary monitoring to better understand the status of various environmental factors. To improve data reliability, parallel monitoring and concurrent detection are carried out to ensure the quality of the monitoring data. In 2016, environmental monitoring was carried out at 4,266 stations.

Environmental Protection Monitoring Team Meetings

The CTSP Bureau has worked together with the EPA's Bureau of Environmental Inspection to organize six field inspections for environmental impact assessment and monitoring at Taichung and Houli Parks, and four meetings of the Monitoring Team Overseeing the Implementation of the Conclusions of the Environmental Impact Assessment of CTSP Stage III at Houli Farm.

Each quarter, the Science Parks' EIA Tracking Task Force of the Ministry of Science and Technology convenes a meeting to review the development of the parks under its purview. The Bureau attended one such tracking meeting (Advanced Research Park) in 2016. The EIA Tracking Task Force conducted meetings with the Environmental Protection Monitoring Teams of Taichung Park (four meetings), Houli Park (four meetings), and Erlin Park (two meetings). The agendas were based on both the content of the tenants' Environmental Impact Statements and the requirements of the competent authority responsible for environmental protection.

Disclosing Environmental Monitoring Information

In 2016, the CTSP Bureau published the following real-time environmental results on their website: air quality at monitoring stations, results from the environmental monitoring plan, minutes of the Environmental



The opening ceremony for Huwei wastewater treatment plant as a certified environmental education facility Shueikutou Park

Protection Monitoring Team meetings at Houli Park, and data from the occupational safety and health management information system at the Parks. All the data and results are freely available to the public and reflect the environmentally friendly efforts and results of CTSP.

Environmental Education and Training

In 2016, the CTSP Bureau offered five environmental education courses. In 2012, the Wastewater Treatment Plant in Huwei Park was certified as a qualified environmental education facility in Huwei Township, Yunlin County. Subsequently, the Bureau applied for an environmental education facility certification on February 27, 2014 and was granted certificate on May 10th, 2016. Afterwards, the CTSP Bureau held six environmental education workshops at local elementary schools and communities around our parks in 2016, serving 148 participants. Through the environmental education facility certification, the courses were able to give participants insight into the relationship between the wastewater treatment plant and effluent and the operation of the wastewater treatment plant, thus reinforcing the goals of becoming a good neighbor and promoting awareness of environmental education. Therefore, the Park's image was positively enhanced.

Guided Tours for the General Public

In 2016, the Taichung Park Wastewater Treatment Plant received 12 groups with a total of 377 visitors, ranging from scholars and experts to local borough wardens, college professors, and students from

environmental engineering departments. Not only did two employees become certified environmental educators in 2016, but the Taichung plant also plans to apply to be certified as an environmental education facility in 2017.

The Houli Park Wastewater Treatment Plant welcomes visits by appointment. Over the years, the plant has welcomed visiting groups from government agencies, environmental groups, universities, and other organizations. Between 2012 and 2016, 42 groups with a total of 1,714 people visited. Upon accumulating sufficient experience, the plant submitted an application on July 9th, 2015, with the aim of having its environmental education facilities certified before the end of 2017.

A High-Value Park

Taichung Park's plan features low-key architecture and a lush greenbelt that together create the park's beautiful appearance. The vast green zones serve as water retention areas, foster diverse natural habitats, and offer a variety of sporting and cultural facilities for the local communities. The Park has the new and sustainable look of Dadu Mountain and stands out as a successful example of landscape crafting for the "10-year tree planting" plan at the Taichung Park Expansion Site (formerly the Dadu Mountain Ammunition Depot).

Houli Park also boasts a water retaining ecological park and integrates a new greenbelt with the forest previously planted by the Taiwan Sugar Corporation (Taisugar). Taisugar's parcel of land features a large pond (with a buffering function) surrounded by winding walking trails and cycle paths that lead to various views of this beautiful piece of nature nestled amongst Taiwanese industry. This harmonious scene joining nature and manufacturing can be reached by the Houfeng Biking Trail and has become a popular local tourism spot.



Zhongxing Assembly Hall

Huwei Park also features a water retention pond that takes advantage of a high groundwater table to support a steady flow of water throughout the year. This pond is among the most famous scenic spots in CTSP and is popular among both park employees and local residents looking for a quiet place to relax.

After being transformed into the Advanced Research Park, the Zhongxing New Village Park has maintained a conservative style and construction scale and fully complies with

the Cultural Heritage Preservation Act. The enhanced public infrastructure along Guangming Road and the partially completed development in the southern core section of the park have improved Nanneilu's amenities and established a better R&D environment for the tenant companies.

The projects currently under construction include Erlin Park, the Advanced Research Park, and the Taichung Park Expansion Site. Erlin Park has been transformed into a low-water-consumption, low-emissions Park. The water retention pond and infrastructure, including both the bordering drainage and roads and the pipeline work, were contracted out prior to the second round of EIA. The 60 meters of main road in the eastern section became open to traffic in February 2015, making entering the Park very convenient for both employees and visitors of the tenant companies.

The Nantou County Government has declared the Zhongxing New Village Advanced Research Park region (except the south core area) to be a cultural landscape. Said area features one monument, the Taiwan Provincial Government building, and 11 historic buildings, including: the former Department of Personnel Administration, Directorate-General of Personnel Administration (DGPA); Ministry of Economic Affairs offices; Ministry of Transportation and Communications Management Group; Taiwan Provincial Archives; Soil and Water Conservation Bureau, Council of Agriculture; Agriculture and Food Agency, Council of Agriculture; Chunghwa Telecom Zhongxing Service Center; Bank of Taiwan Zhongxing New Village branch; the former TSSD News Zhongxing Office; Zhongxing Assembly Hall; and the Chiang Kai-Shek Hall of the National Academy of the Civil Service, Central Taiwan Training Center. All of these buildings enjoy the appropriate protections. Nevertheless,



President Tsai visited the ribbon-cutting ceremony for the public art installation



Central Taiwan Industrial Innovation R&D Campus is the first iconic public construction to be awarded two diamond level labels for being both a green building and an intelligent building

pursuant to governmental reorganization, the CTSP Bureau will plan for future use of the former Department of Personnel Administration, Directorate-General of Personnel Administration (DGPA). Building renovations, which has been designed in such a way that preserves the original building, will be finished before the end of 2017 to create a business complex for young entrepreneurs and business service providers.

Green Buildings

Since its establishment, CTSP has worked hard to develop a sustainable environment so that the buildings and activities will co-exist in harmony with the parks' natural environment, and various good results have been achieved so far. The following seven buildings have obtained the EEWH Diamond Label: the National Experimental High School (NEHS); the eastern office wing of the AUO Chising factory Phase I; the eastern part of the AUO Chising factory Phase I; the eastern part of the TSMC factory Phases I, II, III, and IV; the eastern construction of the Phase I offices; and the Central Taiwan Innovation Park building. The following three buildings have obtained EEWH Bronze Level labeling: Houli Park Wastewater Treatment Plant control center; the civil engineering design/construction turnkey project of CTSP E/S; and CTSP R&D Building construction at Feng Chia University. Furthermore, the eastern part of the AUO Chising factory Phase I was awarded the MOEA Green Factory Building label. So far, 11 buildings have been awarded some form of green building label.

The NEHS building emphasizes the use of existing environmental resources and creating an eco-system that fosters both environmental protection and humanistic development. With a meandering campus corridor that reflects the branches of an old tree, the building also serves as a place for students to exchange their ideas. Integrated with environmental education, the NEHS building is the first senior high school in Central Taiwan to obtain the EEWH Diamond Level label (2007).

The Central Taiwan Innovation Campus building, located in Zhongxing New Village, was also awarded an EEWH Diamond Level Smart Building certificate, making it a benchmark structure for having received both a MOEA Green Building label and EEWH Diamond Level Smart Building certification. Every year, CTSP organizes MOEA Green Building Label seminars and tours to learn about green benchmark buildings in the park and encourage Central Taiwan Innovation owners and users of other buildings to follow suit.

Public Art Installation Plan

In the dormitory building, the Taichung Park inaugurated "The Window of Life," which includes three large pieces of outdoor artwork. The substantial and spiritual meaning of a window strengthens the links between production, living, ecology, and quality of life, creating a vivid art gallery that brings a visual experience to all the staff, passers-by, and the public. These artworks are embedded with technology, ecology, lifestyle, and origin of life and shape a brand-new green vision.

Regarding the standard factory and special police dormitory, the original intention was to return to technological development, so these buildings create an image of "CTSP, Happy Technology" by focusing on the link between technology and human beings and integrating CTSP's humanistic features and people's common memories with art. These steel art installations link one another, from the Golden Mountain in the east wing of the Park, the Stirring of Wind on the north side to Flow, Link at the center, all working together to express the ideas and spirit of CTSP. They create an imposing trilogy that surrounds the Park, making them new landmarks that offer a stirring visual experience.

The First Phase of Public Construction of the Taichung Park Expansion

The first phase of public construction of the Taichung Park Expansion began in June 2015, when the construction team actively promoted the implementation of works. Thanks to teamwork, the first phase of public construction was completed despite several challenges, like the complicated construction interface, a tight schedule, and four strong typhoons.

With a design capacity of 37 million cubic meters, two detention basins in this construction can adjust flood peaks and reduce downstream drainage load, thus providing a good foundation for subsequent development. The establishment of sewage, water and electricity, and telecommunication pipelines will allow for expanded operation. The completion of Xinke Road, with a 1-km bridge in the expansion area and main area of Taichung Park, contributes to the Park's scale and growth.

Erlin Detention Pond

To prevent flooding in the tenant companies, the flood elevation of Erlin Park was established as 100 years of frequency. A detention basin with an appropriate capacity is thus necessary for retaining water and delaying the flood peak. The detention pond was built on flat farmland in a display of the Park's care for the industry, environment, and ecology, as well as the green landscape, creating a field-based science and technology park.

Erlin Detention Pond is an ideal place for the general public to take a walk; furthermore, if flooding occurs, it can reduce the impact. Taking Typhoon Saola of August 2012 as an example, the strong rainfall brought by the typhoon led to an overload of Wanxing Gutter and Erlin Detention Pond, which was under construction at that time, and prevented the downstream area from flooding in a timely manner. Currently, another detention pond in Erlin Park was established to provide additional recreational space and enhance the protection of the Park and people's life and property.

A Convenient Technology-based Environment

Its unique garden landscape and historical atmosphere imbue Zhongxing New Village with a strong cultural atmosphere. Properly managed, the Village will provide a new era of brightness and energy. The Bureau is currently collaborating with several Ministries and organizations to push forward the Construction Plan for a High-quality Future Living Lab. This plan will transform Zhongxing New Village into an experimental area where culture, science, and technology join together and where all daily necessities, entertainment, medical services, healthcare, and art will be provided. The Village will attract enterprises focused on R&D and young entrepreneurs to the Park. The Bureau authorized the Industrial Technology Research Institute to set up its project office in 2015. On December 14th, 2016, the High-quality Future Living Lab was officially established at Central Taiwan Innovation Campus to attract start-up businesses.

Corporate Sustainability Report

The Bureau assembled the 2015 Corporate Sustainability Report (CSR) in 2016. Through complete information disclosure, reliable data, and good communication with stakeholders, our CSR stood out among hundreds of participants and was granted the 2016 Taiwan Corporate Sustainability Awards-NPO Gold Award from the Taiwan Institute for Sustainable Energy (TAISE). As the first CSR prepared by the Bureau, the 2015 CSR presents the development of the Park and its sustainable operations through public, transparent, and objective data.



The first phase of public construction of the Taichung Park Expansion Area



Erlin Detention Basin



The 2015 CSR compiled by the Bureau was awarded the 2016 Taiwan Corporate Sustainability Awards-NPO Gold Award

Key Strategies and Plans

Complete Taichung Park Expansion with Leading High-end Technology

From the very beginning to the combination of technology and ecology, the Taichung Park Expansion Project has entered its last phase and is expected to be completed this year, at which point tenant companies will be attracted to move in, thus opening a new chapter in the development of the semiconductor industry.

Continuously Revitalize Zhongxing New Village for Culture and Creativity

Unlike regular science parks, Zhongxing New Village Advanced Research Park combines history, culture, and geography. The Bureau plans to continuously promote the Construction Plan for a High-quality Future Living Lab, which will transform Zhongxing New Village into an experimental area where culture, science, and technology mingle together. In addition to experiments on proactive lifestyles, the Park will integrate its business model and local characteristics with colleges and universities in Central Taiwan to promote a cultural and creative industry in which schools, enterprises, and communities come together.

Complete Smart Facilities with High Tenant's Satisfaction

In 2016, the Park implemented certain smart projects, such as the smart parking system that has been activated in the CTSP Administration Building and Industrial and Commercial

A Shining Path to Sustainability





Minister without Portfolio Tsung-Tsong Wu visited Smart Inn 36 in the Advanced Research Park



Building. Additional smart facilities will be provided throughout the Park (including NEHS@CTSP) as well, including Wi-Fi service at important hotspots, electric buses, and a smart water and electricity supply system, all in order to make CTSP a quality investment environment. These innovative service systems are ideal for an intelligent park and are expected to develop a secure, healthy, energy-saving, and convenient living environment that will enhance competitiveness and attract more tenant companies.

Qualification of the Second EIA Creates a Win-win Situation for the Environment and the Industry

The second EIA of Erlin and Chising Parks is currently in the final stage. CTSP anticipates this EIA to be completed this year, thus allowing companies to establish their operations in the Park. CTSP strictly follows all relevant norms and performs its duties as a good administrator to achieve a win-win situation for environmental protection and industrial development.

Smart Machinery Leads to an Advanced Park

In response to the government's policy to develop five innovative industries, the Bureau will implement the Plan for Enhanced Regional Cooperation-Smart Machinery and Aerospace Industrial Upgrade, together with the local government, to make Central Taiwan an international city of smart machinery. CTSP is the main platform and a leader for implementing the government's policies in Central Taiwan, while the Ministry of Science and Technology is the CTSP's biggest support. CTSP look forward to leading industries in Central Taiwan towards innovation and transformation.

Close Cooperation between Academia and Industry Spurs Vitality and Innovation to the Park

With the world's constantly changing political and economic situations, CTSP is prepared for continuous innovation and transformation. As an innovation-oriented science park, the Bureau acts as both a administrator and a participant with regard to the Park's development. In the future, the Bureau will continue to promote cooperation between industrial, academic and government sectors and provide assistance for start-up companies

2016 Milestones

1/7~13	Former CTSP Director-General Wayne Wang visited Las Vegas, U.S. to attend the 2016 Consumer Electronics Show (CES) and observe potential high-tech manufacturers.
1/25	The Board of Science and Technology, Executive Yuan approved the “Zhongxing New Village Next New Village”.
3/21	Former CTSP Director-General Wayne Wang led two deputy director-general, Chief Secretary, and Directors to visit Kuo-Tung Chang the mayor of Erlin Township and Wen-Che Hung the Chairman of Erlin Industrial Development Association to explain the progress of the second phase of EIA and the future plan.
4/14	In the “Zhongxing New Village Next New Village” construction project, Smart Inn 36 demonstrates that the future smart house was completed.
4/17~22	The Administrative Vice Minister of Science and Technology Ter-Shing Chen led a delegation to visit Japan to promote experience exchanges and the cooperation between the biomedical industry between Taiwan and Japan. The delegation included former Deputy Director-General Ming-Huang Chen.
5/5	The Taipei High Administrative Court ruled that the administrative lawsuit against permission to develop the fourth phase of CTSP was rejected (The Ministry of the Interior and the CTSP Bureau won the lawsuit).
5/11	The Huwei Park Wastewater Treatment Plant was certified by the Environmental Protection Administration, Executive Yuan as an environmental education facility.
6/6	A Gathering of CTSP’s Top Executives and Employee of the Year Award 2016. The Executives delegation included former Director-General of the CTSP Bureau Wayne Wang, Chairman of the Allied Association for Science Park Industries Kuo-Jung Shen, Deputy Secretary-General of Taichung City Government Kun-Ming Kuo and executives from each unit participated in the event. President of Feng Chia University Bing-Jean Lee was invited to give a speech on the topic “Viewing Taiwan’s Industrial Development from the Korean Trend.”
7/1	The 2016 First Tier Award Ceremony of the Innovation and Startups Project was announced. Under the Bureau’s guidance, the team performed well. Of the ten finalists, six teams won awards.
7/13	The Environmental Protection Administration held an ad hoc group review meeting regarding the first change to the environmental impact instruction on Zhongxing New Village Advanced Research Park (and the review was approved).
7/18	An Inauguration ceremony was held by the Vice Minister of Science and Technology, Ter-Shing Chen for Former Director-General Wayne Wang became the Director-General of the Hsinchu Science Park Bureau, while former Deputy Director-General Ming-Huang Chen was promoted to become the new Director-General of CTSP.
7/28	The opening ceremony was held to celebrate the Huwei Park wastewater treatment plant becoming an environmental education facility.
7/29	The CTSP’s 13 th anniversary: Ushering in an Era of Smart Technology. Former Minister of Science and Technology Hung-Duen Yang, Director of the Allied Association for CTSP Industries Kuo-Chou Tsai, Deputy Mayor of Taichung City Kuang-Yan Chang, Deputy Magistrate of Yunlin County Huang-Chen Chang, and Director-General of the Bureau Ming-Huang Chen were all invited to light up the ice sculpture together.
8/11	The meeting to introduce the cultural and creative industry to Zhongxing New Village was held at Chung Hsing Assembly Hall in the Advanced Research Park. It was hosted by Director-General of the CTSP Bureau Ming-Huang Chen, and supervisors from National Chung Hsing University, Feng Chia University, and Tunghai University, among other academic institutions, were invited to discuss and explore the area’s planning.
9/5	CTSP Director-General Ming-Huang Chen was Elected Vice Chairman of the CTSP Academia-Industry Consortium.
9/15	The first phase of the Taichung Park Expansion Project was completed.
9/21	A drill for the key infrastructure evaluation visit to Taichung Park was held.

10/18

Director-General of the Bureau Ming-Hung Chen led a delegation to attend the 20th Annual Conference of the Asian Science Park Association in India, as well as to visit manufacturers there.

10/27

The Seminar on the Construction Plan for a Future Living Lab Project was hosted by Director-General of the Bureau Ming-Hung Chen. Representatives from relevant organizations attended the seminar to discuss the plan.

10/28

The smart parking lot of Taichung Park was officially opened.

11/9

The Xiangsiliao and LN. Nongchang Lot Sales Project in Erlin Park was finalized. The certificate of land ownership transfer was handed over to the landlord, Cheng-Tsung Chen and his wife, by Director-General of the Bureau Ming-Hung Chen, Director-General of Central Region Branch, National Property Administration Wen-Kuei Wu, and Head of Erlin Township Kuo-Tung Chang.

11/21

The Bureau's corporate responsibility report (CSR) was officially presented.

12/3

An Ribbon-Cutting ceremony of CTSP's New public art was held by President Tsai and Vice Minister of Science and Technology Ter-Shing Chen and Director-General of the Bureau Ming-Hung Chen.

12/15

The administrative lawsuit against the permission to develop Erlin Park was rejected by the Supreme Administrative Court (and the Bureau was informed on December 27th, 2016). Thus, the Supreme Administrative Court determined that the Ministry of the Interior and the Bureau won the lawsuit.

12/20

The Bureau was awarded the Internal Control Excellence Award by the Directorate-General of Budget, Accounting, and Statistics, Executive Yuan. Director-General of the Bureau Ming-Hung Chen attended the ceremony to receive the award.

12/28

The EIA of the Taichung Park Expansion Project was reviewed and approved in the 306th meeting of the EIA Review Board, Environmental Protection Administration.



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