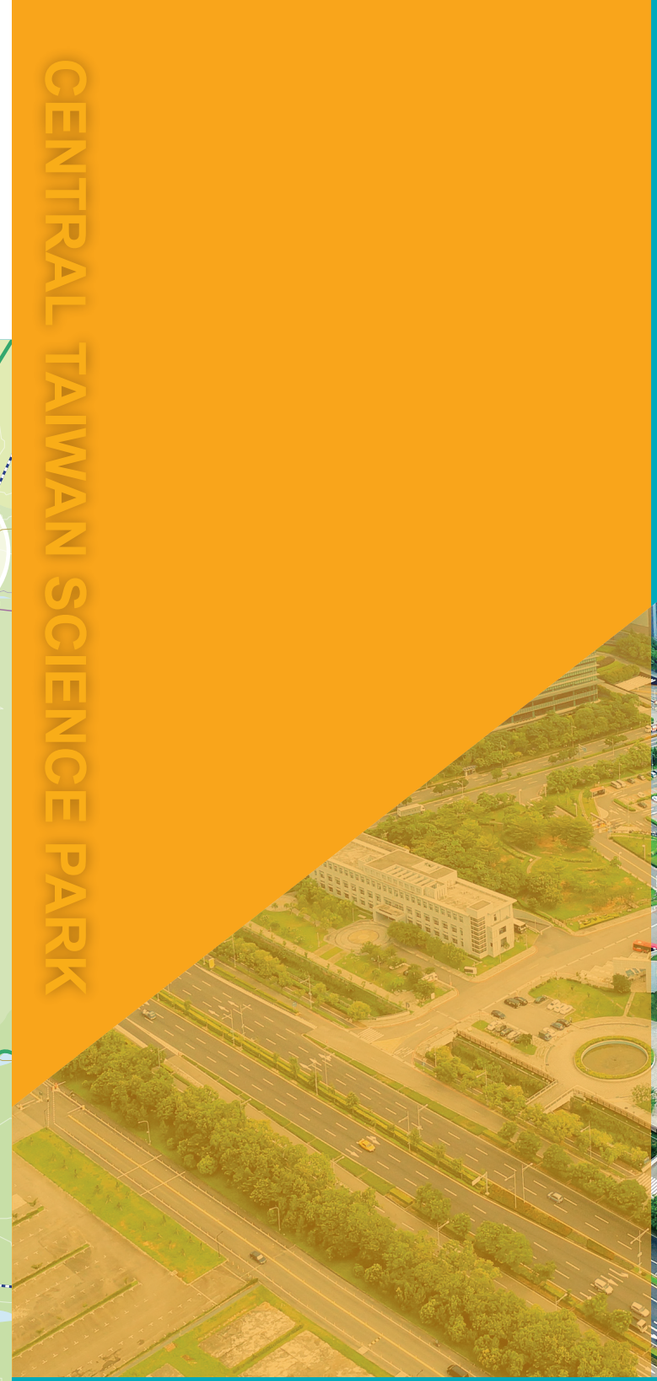
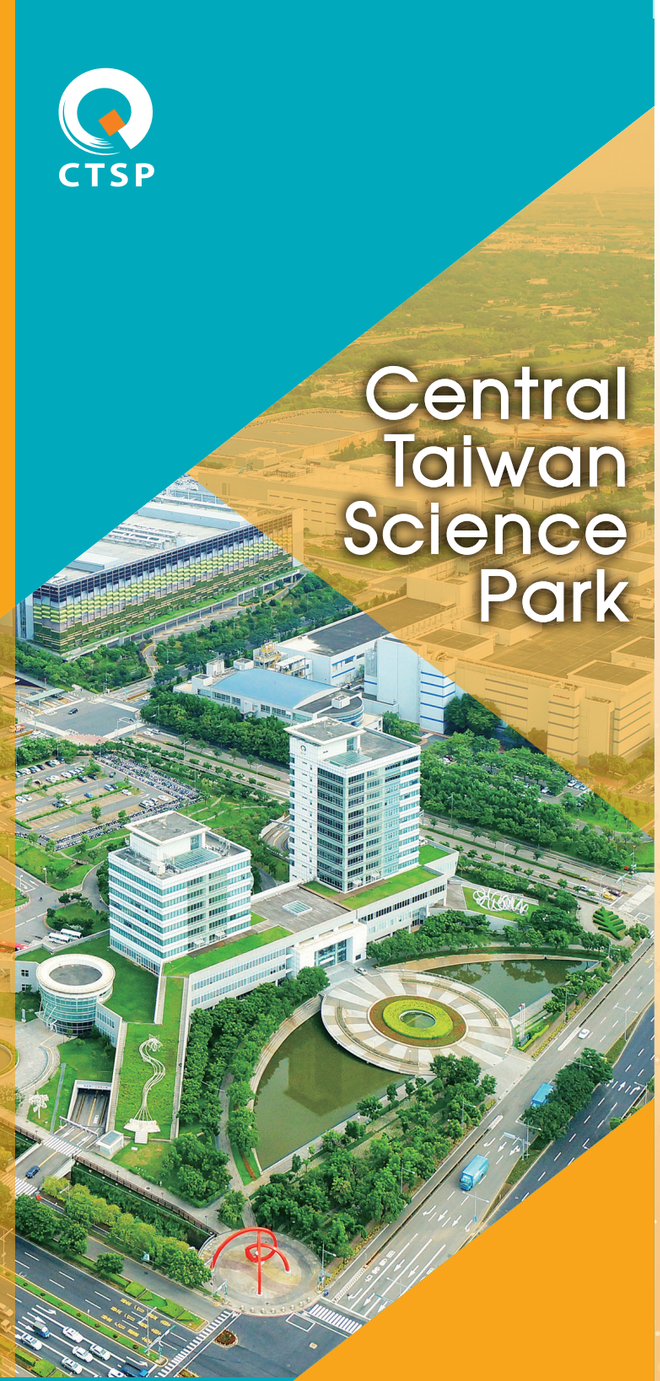
Transportation network

CENTRAL TAIWAN SCIENCE PARK





中部科學園區
Central Taiwan Science Park
http://www.ctsp.gov.tw
ADD: No.2, Jhongke Rd., Situn District,
Taichung City, 40763, Taiwan, R.O.C.
TEL: 886-4-25658588
FAX: 886-4-25658800

Production / Living / Ecology / Life

CTSP

Central Taiwan Science Park

Preface

Central Taiwan Science Park was founded in 2003, located in the center of Taiwan with an efficient and convenient land, sea and air transportation network. Following the establishment of Hsinchu Science Park and Southern Taiwan Science Park, CTSP is yet another brand-new important area of concentrated high-tech industries. CTSP includes Taichung Park, Huwei Park, Houli Park, Erlin Park, and Chung Hsing Park, all of which covers an area of 1,486 hectares in total. In 2017, CTSP's sales revenue reached 563.8 billion NT dollars. By the end of May 2018, 189 factories, 9 incubation centers and 6 research institutes have been approved for residency; the planned investment is about 2 trillion and 81.5 billion NT dollars, and 45,220 job opportunities have been created at CTSP.

Public Facilities

CTSP strikes a balance between economic development and environmental protection. Complete facilities are provided, such as complex service center in administrative, industrial and commercial affairs, dormitories, utilities & telecom systems, detention ponds, wastewater treatment plants, distribution reservoirs, parking lots, greenbelts, roads & traffic systems, etc. We not only create a comfortable working environment, but provide a leisure place for the public.

One-Stop Service

The CTSP Bureau is the authority responsible for park construction and administration. The one-stop service aims to simplify and integrate the service flow in administration for enterprises in CTSP. It includes investment recruitment, labor administration, industrial and commercial service, environmental protection, security protection, etc. CTSP also continues to invite various service industries to set up their offices in the park to provide industrial and commercial services, such as customs, the power company, telecommunication companies, the post office, banks, park associations, the employment service center, customs brokers, etc.

AI Robotics Hub at CTSP

With the advent of the first year of AI development in Taiwan, industries and markets will undoubtedly change. Given that CTSP's position is a pioneer in science and technology, CTSP is tasked with promoting early education and talent development in the field of AI and robots in addition to leading industrial transformation. Funded by a special budget from the Forward-Looking Infrastructure Program, AI Robotics Hub at CTSP was planned and created by the Bureau to develop interdisciplinary makers in various ways to meet future needs.

- **Establishment of a Basic Environment for Makers and CPS (Cyper-Physical-System) AI Robotics**
  The CTSP Bureau integrated relevant industrial resourc es from the National Center for High-performance Computing (NCHC) and the science park to set up a national-level innovative maker base with basic and advanced AI and robot-related maker equipment and a higher education, training and trial environment.

- **Development of Talent through Experiential Learning**
  The Bureau works with the industrial, academic, training and research sectors in central Taiwan to form the makers alliance, organizes a series of experiential learning activities, provides software, hardware and equipment, and offers AI and robot-related courses with satellite bases' subsidized recourse to nurture hardware and software professionals required to develop AI and robotics.

- **Establishment of a Sustainable and Innovative Ecosystem**
  CTSP has established and developed an industrial ecosystem for the development of automated smart machinery in central Taiwan, and identified problems that industry hopes to solve through AI Robotics Hub at CTSP and artificial intelligence robot industry alliance, working together to move towards sustainability. This is conducive to the development of critical technologies for the AI robot industry and an innovative entrepreneurship platform framework, and facilitates indus try-academia cooperation and the development of technical professionals.

Industrial Specialties

The six major industries of CTSP are based on Nano- technology, which covers Optoelectronics, Integrated Circuit, Biotechnology, Precision Machinery, Computer & Peripherals, and Green Energy. The mass production of the 12-inch wafer is available in all eight 12-inch wafer GIGAFAB. Furthermore, more 12-inch wafer GIGAFAB™ facilities will be expanded to enhance the manufacturing process. Therefore, CTSP will be the powerhouse for semiconductor industry.

Optoelectronics

Introduce optoelectronic display systems and components (TFT-LCD monitors, polarizer, glass substrate and process materials, color resists, mask), PV systems and components (polysilicon, solar cells and modules), optical lens, new lithium-polymer battery, LED die with high brightness and power, and OLED.

Precision Machinery

Introduce CNC machine tools and relevant equipments or key components in robot, aviation, semiconductor, TFT-LCD, air cargo containers, carbon fiber composite, super high-pressure & high-speed gas filling machines and steel cylinders, FPD sputtering targets for panels, as well as vacuum systems. Thereby, the ratio for local self-manufactured equipment in high-tech industry will increase.

Biotechnology

Introduce pharmaceutical and medical materials, medical equipments and facilities, reagents for farm produce, vaccines, livestock products, and aquatic products.

Integrated Circuits

Introduce service chains in IC design and manufacture, wafer foundry, packaging & testing, process equipments, and reclaimed wafer.

Computer & Peripherals

Introduce key components for embedded systems and electric products for cars.

Green Energy

Introduce polysilicon materials, green energy materials, silicon based solar cells, thin-film solar cells and modules.

Incentive measures

Investment incentives

- According to Article 10 of the "Industrial Innovation Act", to boost industrial innovation, within 15% of the expenditures on research and development, the annual business income tax imposed on the company is deductible. The deducted tax should not exceed 30% of annual business income tax.
- No import customs duties, commodity tax, and business tax are imposed on machinery, equipment, raw materials, supplies, fuels, semi-finished products, samples and finished products for trade, all of which imported for the companies' own use. The above items are exempt from the process of tax exemption, warranty, bookkeeping, and bond.
- No commodity tax is imposed on the industries in CTSP that export their products or services. They are also allowed a zero business tax rate.

Research incentives

- Advancement Project for Smart Machinery and Aerospace Industries in Central and Southern Taiwan
- R&D Advancement Program
- From IP to IPO Program
- Science Park Talent Cultivation Plan
- Innovative Product Award

Taichung Park

Huwei Park

Houli Park

Erlin Park

Chung Hsing Park