

Aim at the Bright Future

Prospects of 2009

Construct Green Energy Industry Cluster

The STSP Administration allotted land for the establishment of a green energy special zone to facilitate the development of solar cell, fuel cell, renewable energy switching equipment, solar energy systems, and other green industries. Furthermore, the plan also includes recruiting green energy process equipment suppliers in order to shorten the lead time in the supply chain and reduce overall production costs for our potential green energy enterprises.

In addition, the STSP Administration will assist the HCPV(High Concentration Photovoltaic) Qualification & Development Center of INER(Institute of Nuclear Energy Research) at KSP with the construction of HCPV power generation module certification system in compliance with international regulations. The STSP Administration will utilize technology transfer and collaboration plan to exploit industry talent and attract venture capital. This will promote the development of solar energy systems in southern Taiwan, and aid in the creation and sustainment of a comprehensive value chain.

Develop Medical Device Industry Cluster

The 4-year project "Southern Taiwan Biomedical Device Industry Cluster Development Plan" was put in motion by the STSP Administration from 2009. This was done in an effort to provide innovative technology and value chain improvement opportunities to traditional small/medium businesses in southern Taiwan, while continuing to actively promote the

development of KSP. By integrating research institutes and traditional precision machinery production in southern Taiwan, advanced dental equipment, advanced osteological equipment, medical alloys, medical cosmetics, and other potential biomedical device will be developed. In addition, professional

talents will be trained. Projection 3-years after project completion: US\$0.3 billion in total annual turnover. Moreover, 50 enterprises will be assisted to transform, upgrade, and establish (including 15 new enterprises in KSP), which will add an estimated additional US\$0.15 billion investment to the STSP.

Promote Strengthening Program

To ensure high-tech enterprises maintain their R&D capabilities and competitive advantages, the National Science Council proposed the Strengthening and Improving Program. This program facilitates innovation by conducting ground-breaking research and development through academia-industry collaboration, which is supported by each Park Administrations. The program was jointly planned in 2009 by research institutes and high-tech enterprises with the participation of R&D personnel appointed by various park businesses. Grants are allotted with maximum amount of US\$0.3 million per case.

Experience the STSP and Heighten Its International Visibility

The STSP Administration planned a series of discovery tours hoping to evoke the public's interest in the development of the STSP, including the "National Science Council 50 Tour". Beginning in March 2009, 7 Park tours will be conducted to help familiarize the Taiwanese public with the STSP's high-tech development and culture knowledge.

The STSP Administration will continue to sign memoranda of understanding (MOU) with international Science Parks to increase communication and cooperation in practice.

Promote Excellent Trade and Network Plan AEO Certification

Due to the global attention on international supply chain safety, governments emphasize the importance of the study and practice of "trade convenience" and "trade safety." To fulfill the export nation's customs certification requirement, the Council for Economic Planning and Development's Excellent Trade and Network Plan ensures the quality of production, delivery, and warehousing of Taiwan's exports. The STSP Administration will continue to support the Excellent Trade and Network Plan and contract professional institutes to endorse qualified and compliant Park enterprises with AEO certifications. This will allow the STSP enterprises' exports to quickly pass inspection and increase Taiwan's trade competitiveness.



▲ Exuberant Sidewalk and Bike path next to Taoye Lake of TSP

Develop Safe, Healthy, and Sustainable Environment

In order to maintain a safe working environment, the STSP Administration created safety guidelines with data obtained from performing analysis on high-risk activities and identifying perpetual causes of job site investigation. These guidelines will be distributed to all Park enterprises. Moreover, in an effort to achieve our long-term goal of perpetual environmental development, the STSP Administration composed the “Southern Taiwan Science Park Environment Report.” This endeavor demonstrates the continual commitment and achievement to environmental improvement.

Complete Park Construction

TSP

1. Phase I construction of the Waste Water Treatment Plant at Phase II Site is due for completion by August 2009, providing a 40,000CMD waste water treatment facility.
2. Southern connective road and southern entrance imagery landscape construction is expected for completion in October 2009. These symbolize the STSP’s excellence and commitment to production, living and ecology.
3. Western entrance imagery landscape is scheduled for completion in June 2009. The construction will refresh the image of the STSP’s west entrance and allow for bikers to ride conveniently on the STSP’s bicycle path system.

KSP

1. Phase II Standard Factory is scheduled for operation in September 2009. There are 32 units planned in both south hall and north hall with an area of 500 m² per unit, including 329 parking spaces for cars and 264 parking spaces for motorcycles.
2. The expressway interchange of KSP connecting to National Highway No.1 is in service on March 3, 2009 to help improve traffic flow in and around KSP.

Introduce Bicycle Rental System

The STSP Administration is planning

and constructing a bike path system for both transportation and leisure. Meanwhile, bike rental companies are invited to station in the Park. This would integrate the comprehensive landscape resources and road system of the TSP to complete the shuttle bus and tourism mechanism of the Park.

Promote the Charm of the STSP – Public Art

The Decoration Art Festival is the Public Art Project’s pioneer event. The STSP Administration will establish a public community artwork station to encourage networking among artists, Park enterprises and employees, and local residents. It is for the reference of future public art construction.

Richly Cultivate National Nanke International Experimental High School

In the 2009 academic year, 3 more high school classes will be recruited for the second graduating class of the Senior High Department. An additional 1st grade class of the Elementary Department will be recruited as well. This amounts to 7 classes per grade for a total of 2,300 students enrolled in 82 classes.

The educational philosophy enforces project-based learning, a CTI elite education program for gifted students, a reading program, and international communication. The Senior High Department follows a “Richly Cultivating International Competitiveness Education Experimental Plan” and the Junior High Department has its own “Wind Band Experimental Education Plan” and “Mathematics & Physics Experimental Education Plan.” The “Science Education Week” activity of the School promotes the educational vision of “internationalization, science & technology, and creativity.”

The project of Senior High Department’s stadium and ceremonial stage are expected to be completed in 2009 Q3. The entire project is scheduled for completion in August 2010.



▲ Indoor heated swimming pool in Wellness Center



▲ Siraya Plaza of TSP



▲ Campus of National Nanke International Experimental High School