

## Future Prospects

# Positioning for the Future, the Vision of the STSP

In order to best prepare for the future, the STSP Administration is focusing on three development directions, "Dedication to the Development of Industrial Clusters," "Commitment to Sustainable Development," and "Promotion of Culture and Arts" in order to make the STSP an exceptional example of Taiwan's efforts to promote industrial and green environmental technologies.

### Continuous Development of Industrial Clusters

#### Promotion of the STSP's Green Energy Industrial Cluster and Low Carbon Production

Since 2013, the STSP Administration has provided subsidies for low carbon innovative technologies to assist park enterprises develop low carbon and green energy products as well as to attract more prospects. At the same time, matching services including innovative low carbon product incentives, employee training and IP, venture capital, government resources, and product accreditation are provided to encourage the development of low carbon and green energy industrial technological standards and other competitive advantages of park enterprises at the STSP.



#### Internationalized Marketing and Creative Commercialization

Phase 2 of the Southern Taiwan Biomedical Device Industrial Cluster Development Plan (from 2013 to 2016) will be focused on two directions. First, the developed biomedical industrial cluster in Phase 1 of the Plan will be enhanced with encouragement for industry-academia-research cooperation in order to engage in product R&D and close the technology gap. At the same time, accreditation and marketing services needed by park enterprises will be provided to assist park enterprises to provide international marketing services and speed up the time to launch products to the market. Additionally, based on clinical demands, an environment suitable for venture industry will be constructed to encourage the development of innovative prototypes or patented products via cooperation between industry, academia, research, and the medical fields.

#### Upgraded and Transformed STSP to Attract the Presence of Leading International Manufacturers

To incorporate with the National Science Council's plan to upgrade and transform science parks from being "efficiency driven" to "innovation driven" by gradually striving for the establishment of "high risk but high value-added new ventures." With the active encouragement of entrepreneurs, potential prospects shall be given the proper platform to realize their innovative dream such as real-time information and

commercialization opportunities.

Meanwhile, by working with the Science and Technology Division of the National Science Council's international representative offices, information on prospective STSP park enterprises in the US, Canada, Japan, and Russia will be collected and recruited via a joint investment invitation program.

### Building a Sustainable Environment

#### Sharp Focus on Creating a "Sustainable Green Park"

The STSP Administration carried out Phase 2 of the Bike Path Construction at the Tainan Science Park and promoted the replacement of LED street lamps. The Kaohsiung Science Park is expected to have its first green building-certified private plant in 2013.

In order to carry out the promise to build a sustainable environment, the STSP Administration reached energy saving and water conservation objectives with diverse water resource utilization methods such as long-term water supply alerts, recycled water management, and effluent purification.

#### Continuous Promotion of CSR to Jointly Keep the Promise of Sustainable Management

The STSP Administration shared its own experience assisting park enterprises to compile CSR reports via the provision of transparent managerial information in "social," "economic," and "environmental" fields as the communication platform to facilitate the understanding of the STSP, concretely keep the promise of sustainable management, and effectively promote CSR throughout the science park.

#### The Publication of a White Paper on Occupational Safety at the STSP to Promote a Friendly Workplace

To construct a safe and healthy working environment for park employees, the STSP Administration enacted four middle-term objectives for the next five years (2013-2017). First, "Safety and Disaster Relief 201" addressed the maintenance of death rates in serious occupational disasters to less than 20 for every million people



and traffic incidents involving the death of commuters to less than one per year. For "Caring Advancement 295:" the prevalence of health care shall be improved to 95%; the coverage rate of outstanding occupational safety units (personnel) shall reach 95%.

#### More Selections to Meet the Transit Needs of Park Employees

To provide park employees with considerate services, the STSP Administration are negotiating with the Traffic Bureau of both Tainan and Kaohsiung City Government about to provide direct bus services from their respective downtown areas to the STSP as well as obtain long-distance transit services. The STSP Administration is also discussing with THSR the possibility of providing shuttle bus services between the STSP and its station for more quick and convenient traffic access.

### Promotion of Culture and Arts

#### STSP's Three Treasures: Amazing Culture, Art, and Technology

The Tainan Science Park will promote the STSP's Historical Town Cultural Creativity Plan, which involves activities surrounding the installation of public art work at private plants and cooperative activities with the Museum of Prehistory at the STSP. The goal of the plan is to bring the arts to the STSP. For the Kaohsiung Science Park, the Phase 1 installation of public art works will begin in 2013 as a part of a three-phased construction of a technology and art town.

