Developing Industry Clusters and Strengthening the Potential of the STSP

Optoelectronics Industry

By 2006, 54 companies were approved to enter the STSP, ranging from upstream enterprises producing key components (such as liquid crystals, alignment layers, polarizers, cold cathode fluorescent lamps, glass substrates, color filters, backlight modules, IC drivers and prism), to midstream panel manufacturers, to downstream LCD-TVs manufacturers. With the entry of world famous companies such as Chisso Corp., Sumika Technology Co., Ltd., Corning Display Technologies, 3M, and the continuously expanding

As the optoelectronics industry in STSP has grown, Kenmos Technology Co., Ltd., a joint venture between Kenmos Group and Stanley Electronics, Japan, invested US$ 15 million to establish their second plant in the STSP. (March 8)

Chi Mei Corp., the STSP will continue to play a Crucial role in shaping Taiwan as the leader in the flat panel display industry worldwide.

The opening ceremony of Taiwan Daifuku Co., Ltd., a subsidiary of the Daifuku group, Japan, was held on May 24, 2006. The company is the first manufacturer to produce a dust-free automatic transportation system in the STSP.

Precision Machinery Industry

Up to 2006, 56 companies in the precision machinery industry were approved to set up factories in the STSP. The overall goal is to establish the STSP Integrated Center of FPD Processing Equipment Manufacturing. Its target is to encourage foreign equipment manufacturers to produce and assemble equipment in Taiwan and to create cooperative opportunities for foreign equipment manufacturers and domestic manufacturers in order to advance related technology and enhance the ratio of self-manufactured equipment.

Integrated Circuits Industry

By 2006, 25 IC enterprises were admitted, including firms specializing in IC design, wafer fabrication, packaging/testing, and semiconductor equipment fields thereby creating a complete supply chain. In 2006, two IC design companies, Acute Technology Corporation and BeeDar Technology Inc. were approved to enter the STSP.

In addition to the 8-inch wafer foundry and the two 12-inch wafer foundries with Gemini structure designs, Taiwan Semiconductor Manufacturing Co., Ltd. has started construction of the third 12-inch wafer foundry in June 2006.

United Micro-electronics Corp. has established a R&D Center for advanced manufacturing process technology in 2006 that is expected to be completed by the end of March 2007. The establishment of the second 12-inch wafer foundry has also been started with the engineering construction for the entire structure scheduled to be completed by the end of 2007. In the first quarter of 2008, all equipment can be installed.

The goundbreaking ceremony for Kaiser Biological Science Co., Ltd. was held on May 20, 2006. The company will focus on producing bio-products featuring low doses and excellent results instead of concentrated Chinese medicines.

Biotechnology Industry

By 2006, 31 biotech firms were admitted, which include those specializing in biomedicine, bio-chips, biomedicine materials, diagnostic detection kits, bio-health food, and agricultural bio.

The medical device manufacturing is a new industry planned as a governmental project on economic development by 2015. The STSP Administration would cooperate with the Metal Industries Research & Development Center and share the resources of National Cheng Kung University Hospital, Chi Mei Medical Center, Cheng Gung Memorial Hospital at Kaohsiung, Kaohsiung Veterans General Hospital, and E-Da Hospital to establish the Medical Device Special Zone of the KSP. In the initial phase, it will focus on developing precision instruments for surgery with the cooperation of the local strong precision instrument processing industry. Instruments such as endoscopes, dental surgical materials, and devices will be produced. In the future, local medical resources in research and development, the electronics/semiconductor industries and the telecommunications industry in the KSP will all be integrated in order to develop the instruments needed for remote patient monitoring and examinations. A-King Technology Co., Ltd., a company known for endosseous implant and dental implant instruments, was introduced to the KSP in 2006. It is expected that the Medical Device Special Zone of KSP will become a model for the medical device industry cluster in Taiwan.

Rapid Growth in KSP

The KSP is expected to be a prosperous high-tech industrial zone. The groundbreaking ceremony for Chi Mei's plant in KSP was held on April 14, 2006. It is especially significant because the company plans to invest US$4 billion to build three next-generation plants for producing large size LCD TVs. This project will create 3,200 job opportunities and lead a huge investment trend.

In fact, the KSP has convenient traffic and is well designed. Based on equal development for both Northern and Southern Taiwan, the STSP will accelerate its expansion and create more industry clusters so that a successful future can be expected.

Groundbreaking Ceremony of Chaheng Precision Co., Ltd. KSP Branch (October 16)

The industrial investment distribution in the KSP is quite balanced and its foundation is very solid. The groundbreaking ceremony of Taiwan Advanced Materials Technologies Corporation was held on January 16, 2006 and followed by the groundbreaking ceremony of ThinTech Materials Technology Co., Ltd. on May 11, 2006.

Two big events occurred in October 2006; the groundbreaking ceremony for Chaheng Precision Co., Ltd. KSP Branch was held on October 16, 2006. It specializes in producing engine components for airplanes and related modules and plans to invest US$6 million to build two large plants on about 9,802 acres. A-King Technology Co., Ltd., specializing in producing dental implant instruments and blood analyzer, is the first tenant in the Medical Device Special Zone of KSP. Since the KSP is now focusing on the development of biotechnology and medical devices, the potential and future prospect of A-King Technology Co., Ltd. cannot be overlooked.