

Ecosystem Construction of Innovative Medical Device

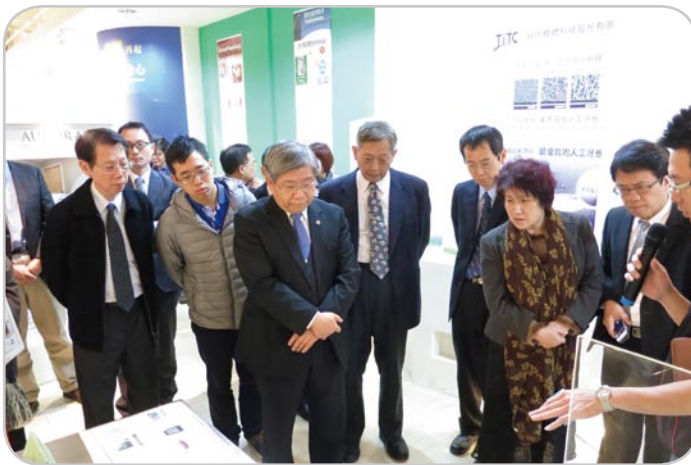
The Phase II Project of “Southern Taiwan Biomedical Device Industrial Cluster Development Plan” has successfully established the integrated service platform, the alliance between and among the industry, academia, and the research institutions, the key opinion leader (KOL) in marketing, and the innovative environment for the innovative medical device industry. In 2015, the presence of 5 project applicants at the STSP was approved, which made the number of approved enterprises now reach 49 with the total accumulated investment amount of NT\$9.1 billion. In 2015, the turnover was NT\$2.01 billion. In terms of grants to the innovative technologies, in 2015, 42 projects filed the applications. Among them, 19 were awarded of grants totaling NT\$90 million and attracted about NT\$90 million R&D investment from interested enterprises.



▲ TSBME Biomedical Innovation Event (May 15, 2015)

Good Trial Results of Medical Device Products Acknowledged by Domestic and International KOL

In order to improve medical devices made in Taiwan and expand the international markets, leading figures such as physicians from Taiwan and other countries were invited to visit the exhibition room of medical devices at the KSP as well as to witness the production process so as to match enterprises and physicians for the endorsement of KOLs.



▲ Matching and Exchange Seminar for the Innovative Technologies of Medical Devices-Visits of Physicians to Medical Device Exhibition Room of the KSP (February 1, 2015)



▲ Visit of Physicians from Vietnam to Park Enterprises of Medical Device (November 2, 2015)

Integrated Marketing of Medical Device Industrial Cluster

In order to overcome barriers of sales and marketing of the medical device industry, the STSPB coordinated with the “One Alliance at One Center” policy of Ministry of Health and Welfare to implement the operation of industrial alliance, modularization, and commercialization services. The “STSP Industrial Alliance of MIT Medical Device Products” was established to encourage hospitals to purchase MIT products and jointly promote exports of MIT products and medical services.



▲ Introduction to Company Products and Quality by Park Enterprises at Medical Device Exhibition Room (August 31, 2015)

Formation of Optoelectronics Industrial Cluster

Mildex Optical Inc. on September 24 announced the construction of a new touch panel factory at the KSP. Additionally, Innolux invested NT\$ 80 billion in the expansion of LTPS factory. With Innolux's existing Generation 8.5 panel factory, the KSP has formed the advanced optoelectronics industrial cluster in Taiwan; additional more than 3,000 jobs were expected to be created. This integrated production can effectively drive down production costs and lay the sound technology foundation for Taiwan's panel making.



▲ VIP Photo at Groundbreaking Ceremony (CEO of MILDEX, Mr. Fang Mingsung (the fifth from right) and Deputy Director-general of STSPB, Mr. Su Chengang (the fourth from right) (September 26, 2015)

Stable Development of Green Energy and Low Carbon Industrial Cluster

In 2013, the "Promotion Project for the STSP Green Energy and Low Carbon Industrial Cluster" was launched. In 2015, 3 enterprises applied for the grant projects; at present, there were 10 approved with the presence at the STSP with the accumulated investment amount of NT\$1.09 billion. For the grants to the innovative technologies, in 2015, 22 applications were field, and among them, 9 were granted with the amount of NT\$30.86 million, which led Park enterprises to invest in the R&D at an amount exceeding NT\$33 million.

The World's Vital Wafer Foundry Headquarters

TSMC invested continuously more than NT\$500 billion in the process technology under 20 nanometers at FAB 14 of Phase 5-7 at the TSP. Phase 5-7 and the Advanced Packaging Foundry now began mass production. UMC invested continuously more than NT\$240 billion in the process technology under 28 nanometers at Phase 5 and 6 factories of FAB 12A at the TSP while Phase 5 began installation this year. The increasing investment of two leading wafer plants attracted the presence of upstream and downstream suppliers nearby and made the STSP the location with the largest number of global 12-inch wafer foundries.



▲ Satellite Image of Fab 14 of TSMC