COMPETITIVE ANALYSIS

THE PRIVATE SECTOR

In Singapore, foreign private sector participation in high technology industries is actively used to improve manufacturing efficiency and productivity, to develop in-house R&D expertise, to fashion unique solutions for the local environment, to target Pacific Basin markets, and boost the corporate image of the firm. Private sector business in advanced technologies occurs on a wide scale. The Science Council of Singapore categorizes them into six major groups.

Type I	Type II	Type III
MNC Product &	MNC Sales	MNC R&D
Process Development	Support	Cost Center
 Hewlett Packard Seagate Philips ESE SGS Texas Instruments Polysar 	 Mentor Graphics Alfa-Laval Data General 	 Det Norske Veritas Eastraco Goodyear
Type IV	Type V	Type VI
Established Local	New Tech Venture	New Tech Venture
Firms	(with Foreign Partner)	(Local Start-up)

INDUSTRIAL PRIVATE SECTOR R&D CATEGORIES

Source : Science Council of Singapore

MNC Product/Process Development (Type I) companies have set up full scale subsidiaries involved with R&D, manufacturing, marketing and sales. Typical research concerns :

- optimization of the current manufacturing process with labor input and processing time reduction
- product quality improvement through quality assurance/control
- highly complex manufacturing task automation

The MNC Sales Support (Type II) group specializes in customizing company products for the region. These are typically referred to as "value-added" R&D centers, since the products were developed elsewhere. A common trait is that they are Western companies looking to tailor their products to the Asian consumer market.

CHC Singspore Investment Opportunities