

Hsinchu Science Park Taiwan

Group 12

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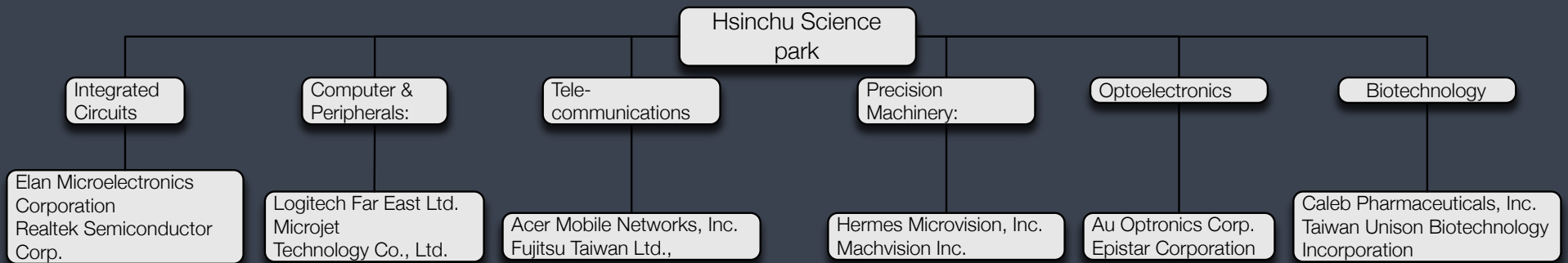
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Hsinchu Science Park

- ▶ Deliberate attempt to create a cluster.
- ▶ Back then: Made in Taiwan.
- ▶ Today Taiwan is one of the world's leading technology nations
- ▶ Economic impact
- ▶ Education
- ▶ Production

Industries



Initial Strategy

- ▶ Building human resources
 - ▶ Development of highly skilled workforce through leading universities and training programs
- ▶ Acquiring technology from the more advanced countries
 - ▶ Encourage return of highly skilled Taiwanese from abroad
 - ▶ Attract leading companies
 - ▶ Original Equipment Manufacturing policy

- ▶ Creating science and technology capacities
 - ▶ Connection with Silicon Valley
 - ▶ Locate infrastructures to host SMCs close to universities
- ▶ Converting research results into commercial products
 - ▶ ITRI and ERSO
 - ▶ OEM --> ODM

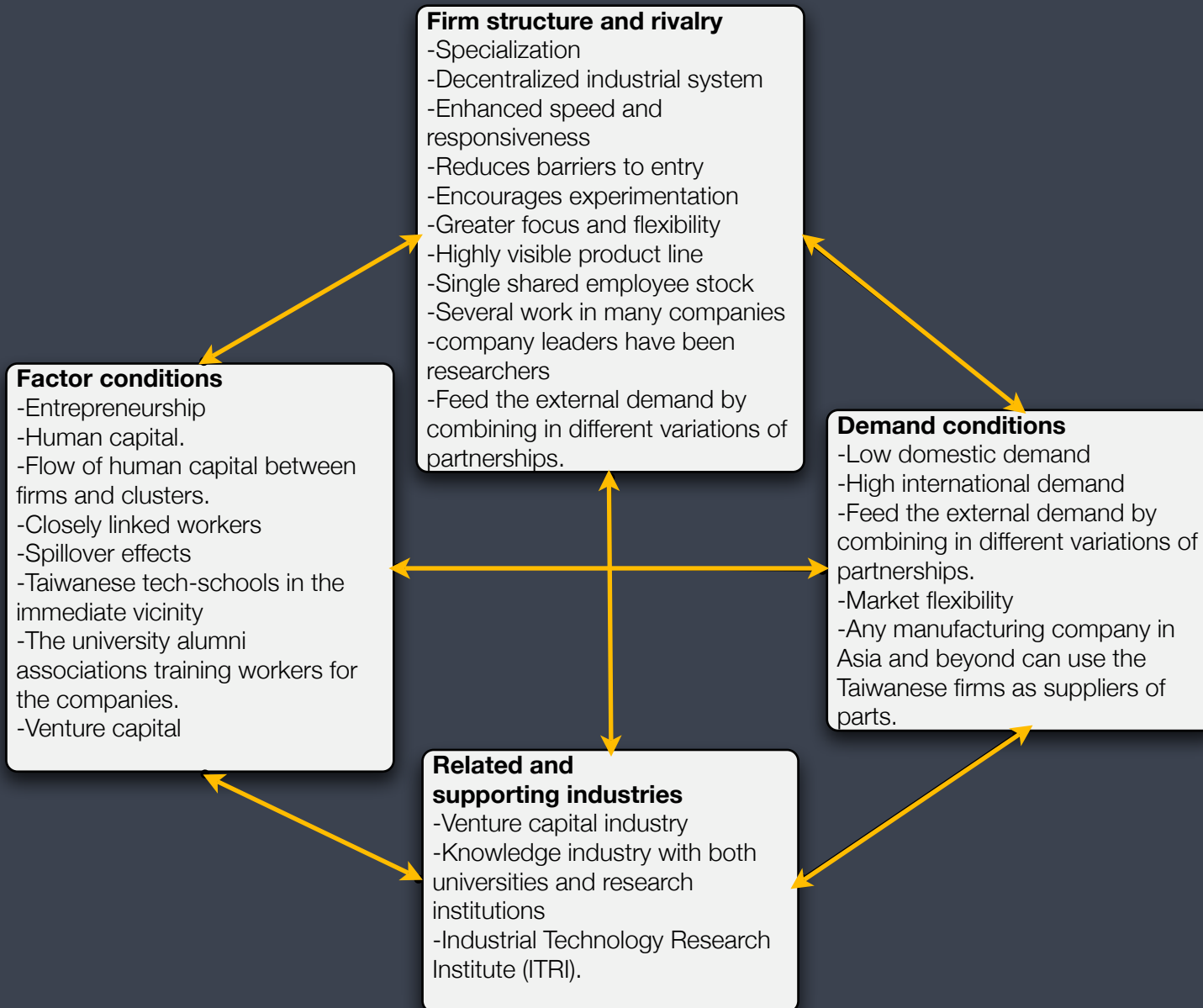
The Context

- ▶ Economic Performance

- ▶ Asian Tiger
- ▶ Competitiveness
- ▶ Productivity

- ▶ Clusters

- ▶ Business Environment
- ▶ Macroeconomic policies
- ▶ Free Market Policies
- ▶ Quality of life



Challenges and Policy Recommendations

- ▶ Mature PC-peripherals market
- ▶ Production moving to China
- ▶ Upgrade cluster to serve biomedical device sector
- ▶ Need for new competences
 - ➔ To attract new companies
 - ➔ Set up relations with medical institutions
- ▶ Adapt training programs to new firms' needs