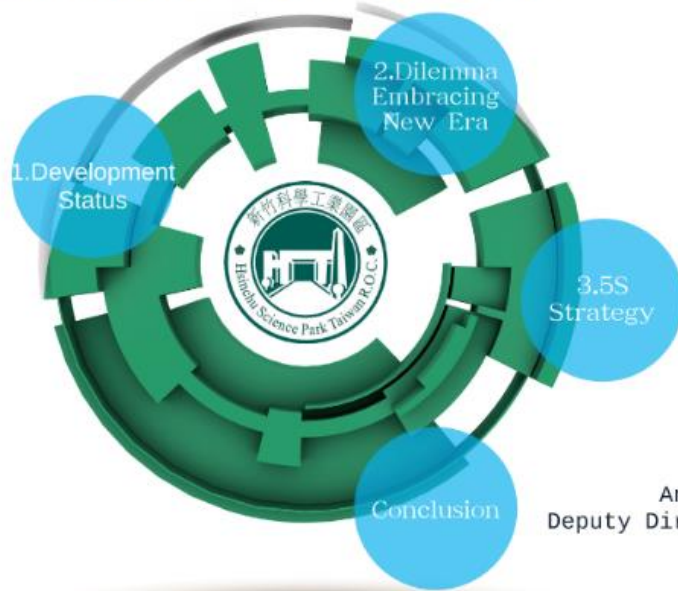


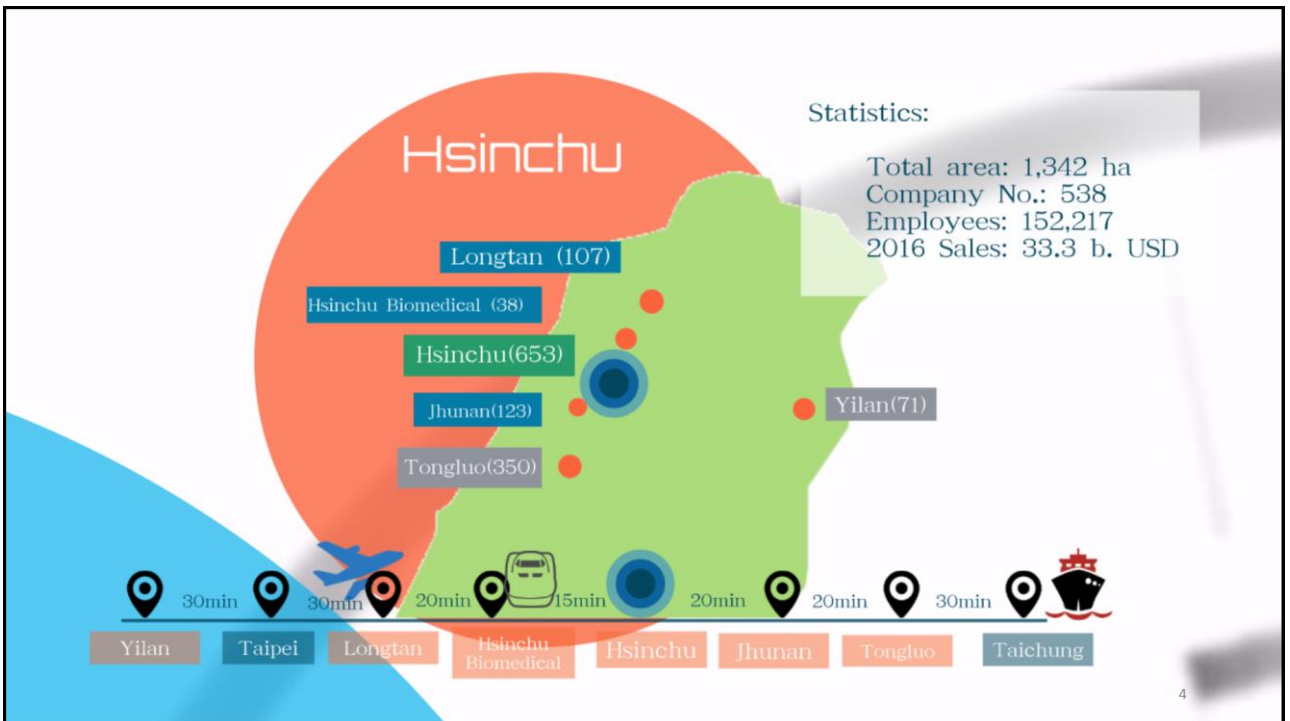
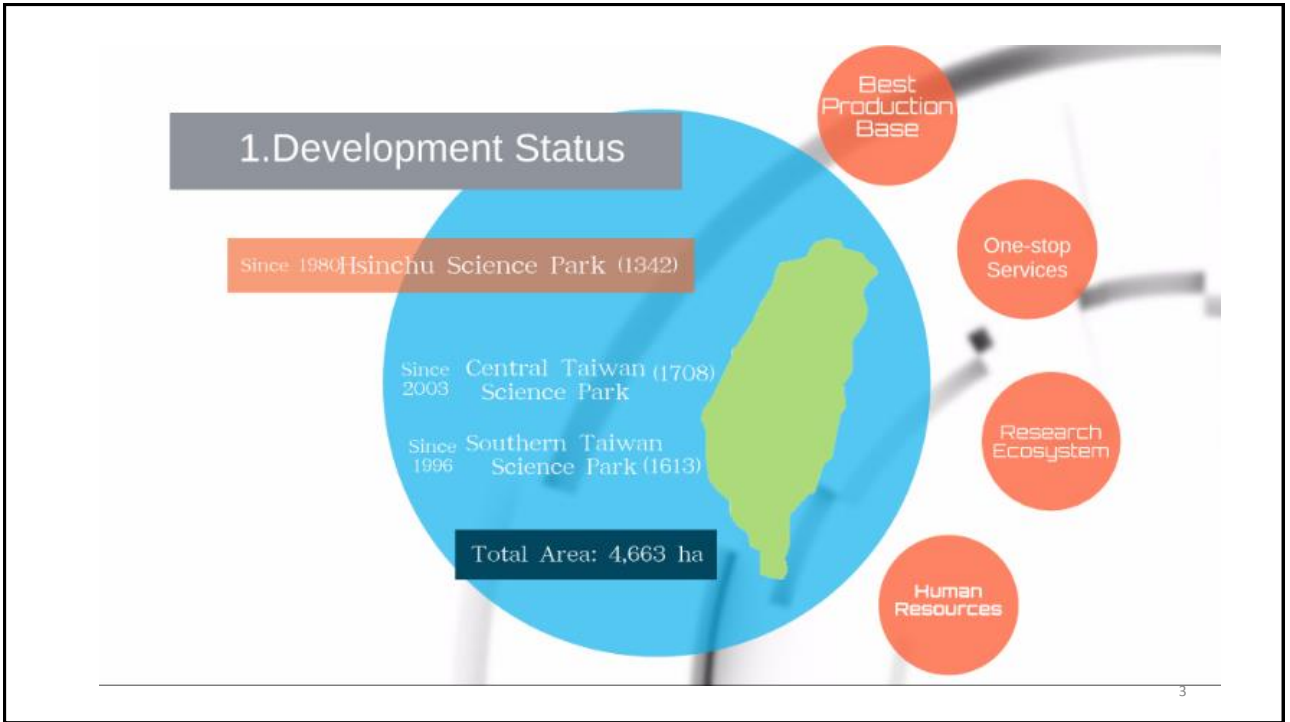
Driving Innovation for a Better Tomorrow

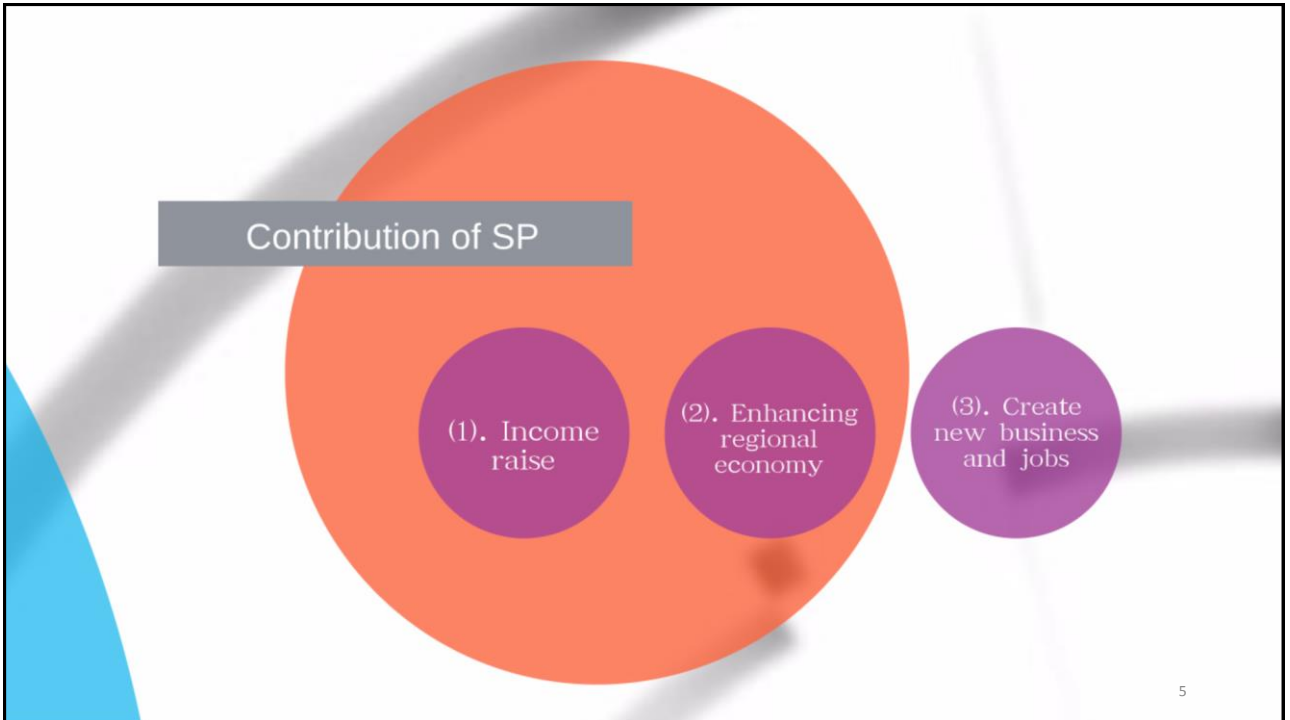


Andrea T.J. HSU
Deputy Director General
HSP

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1. Development Status
2. Dilemma Embracing New Era
3. 5S Strategy
4. Conclusion





(2). Enhancing regional economy

- Park employees and enterprises drive local consumer's market
- Increase central and local government tax income and personal wealth
- Promoting local manufacturing and service industry development

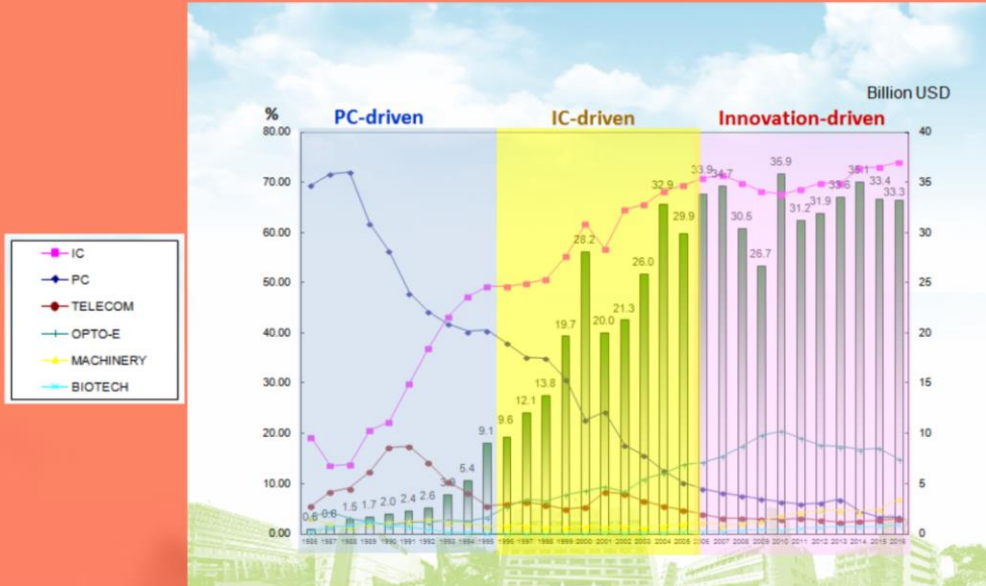
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(3). Create new business and jobs

- Creating 265,000 jobs

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Industry Development



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Top Leading Products of Taiwan

1980-1994	1995-2005	2005-present
PC (1) Monitor (1) Scanner (1) Optical disk (1) Terminal (1) Hub (1) Keyboard (1) Mouse (1) Optical drive (1) Data: MIC (1986)	IC foundry (1) IC design (2) DRAM (4) SRAM (4) Terminal (1) Scanner (1) PC (3) NB (1) Hub (1) Lan card (1) LED (2) LCD (3) Mouse (1) Modem (1)	IC foundry (1) IC design (2) DRAM (2) LED (2) LCD (2) Lan card (1) Modem (1) Data: ITIS (2004)
		IC foundry (1)(74%) IC design (2)(18%) LCD (2)(21%) Solar cell (2)(16%) LED (3)(20%) Data: ITIS (2016)

Data: ITIS 1998

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2. Dilemma Embracing New Era

Continuing Technology

- Core business source
- Traditional business model
- Employees, customers are at ease
- Cause of rigid for business

Destructive Innovation

- Business intuition violation
- Enemy fell out of thin air
- Hope of future business
- Get rid of the competitors, differentiation

Data source: DIGITIMES, July 2017

The End Depends upon Beginning and
Takes as Beginning!

以終為始

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Progress of Economic Value

Science Park Transformation

Science Park in 2017

Experiences | Experience Economy
Stage

Services | Service Economy
Deliver

Science Park in 1980
→ Business efficiency

Goods | Industrial Economy
Make

Commodities | Agrarian Economy
Extract

Source: Pine, B. J., & Gilmore, J. H. (2011). *The experience economy*. Harvard Business Press.

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(1) Software

- Intelligent workplace
- New software clusters: Yilan park
- Training software professionals: education



(2) Service

- Focus on end customers demand
- Cross-domain resources integration: platform
- Feature medical treatment cluster
 - Taiwan health care: No. 2 in the world (Economist Magazine, UK)
 - Taiwan includes 14 out of global top 200 hospitals (National Geographic Channel)



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(3) Smart Community

- Smart management of infrastructure
 - Traffic control
 - Environmental data monitoring
 - Dormitory, public facilities management
 - Big data networking applications
- Sandbox
 - Self-driving test venue
 - Drone flying test area



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(4) Startups

- Nurturing venture startups
- Industry veteran mentor counseling
- Assisting startups operation and global links



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(5) Sustainability

- Keeping innovation
- Green-tech & reuses
- Environmental friendly
- Ecological humanity
- Health community



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Conclusion

- From science park to regional innovation system
- From administrator and service provider to regional innovation facilitator
- Solidifying an environment to fostering new technology



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