Driving innovation for a better tomorrow!
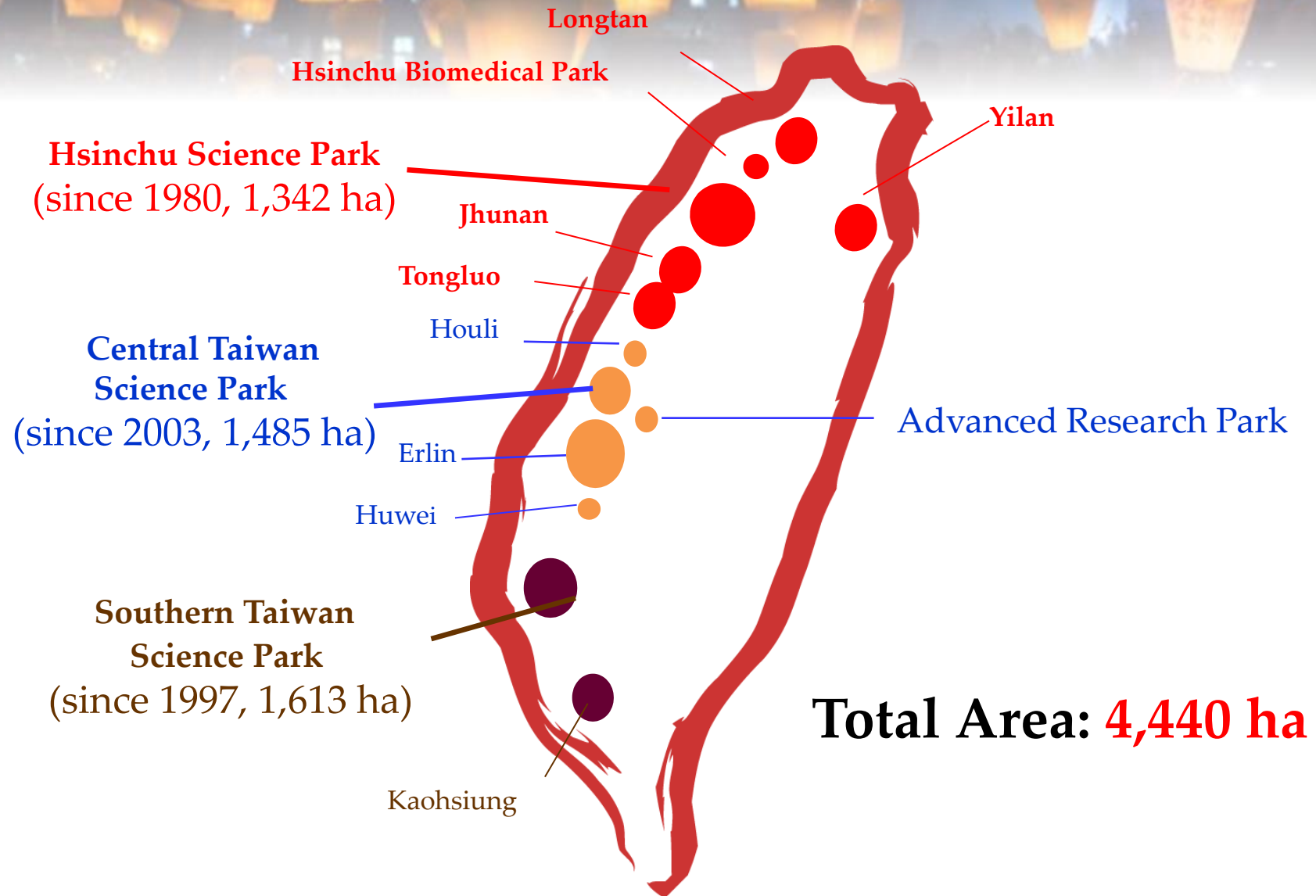
新竹科學工業園區
Hsinchu Science Park, Taiwan, R.O.C.

Andrea Hsu
Deputy Director General

2018. 3.12

1. Science Parks in Taiwan

The Largest IC Making Center in the World

Longtan

Hsinchu Biomedical Park

Yilan

Hsinchu Science Park
(since 1980, 1,342 ha)

Jhunan

Tongluo

Houli

Central Taiwan Science Park
(since 2003, 1,485 ha)

Erlin

Advanced Research Park

Huwei

Southern Taiwan Science Park
(since 1997, 1,613 ha)

Kaohsiung

Total Area: 4,440 ha

Revenue

Tenants: 535

2017: 33.5 Billion USD

IC 72.7%

IC Design 22.5%
Packing, Testing 12.6%
Optoelectronics 13.9%
Manufacturing 37.6%
Precision M. 4.3%
PC 3.9%
Telecomm. 3.6 %
Biotech 1.0%
Other 0.7%

Packaging & Testing 17%
IC Design 31%
IC Making 52%
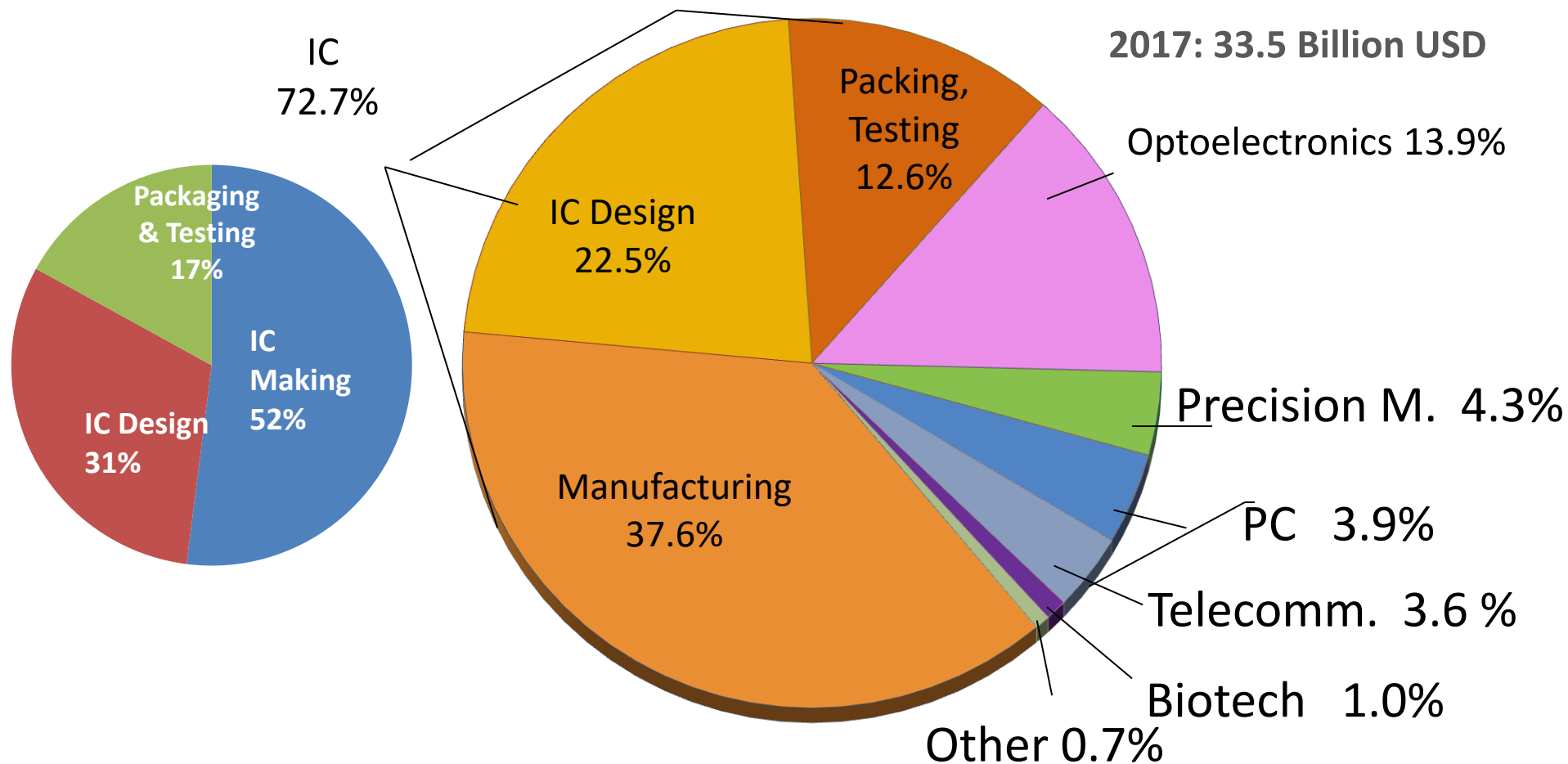
Global No.1 IC Industry Cluster

Upstream

IP、EDA、Platform

IC Design(108)

Midstream

Photomask(3) IC Manufacturing(13)

Equipment(35) Chemicals

Wafer

Downstream

3D Packaging

IC Packaging(9)

Testing(10)

Product

4

Top Leading Products of Taiwan

1980-1994	1995-2005	2005-present
PC (1)	IC foundry (1) — IC foundry (1)	IC foundry (1)(74%)
Monitor (1)	IC design (2) — IC design (2)	IC design (2)(18%)
Scanner (1)	DRAM (4) — DRAM (2)	LCD (2)(21%)
Optical disk (1)	SRAM (4) — LED (2)	Solar cell (2)(16%)
Terminal (1)	Terminal (1) — LCD (2)	LED (3)(20%)
Hub (1)	Scanner (1) — Lan card (1)	
Keyboard (1)	PC (3) — Modem (1)	Data: ITIS (2016)
Mouse (1)	NB (1)	
Optical drive (1)	Hub (1) Data:ITIS	
	Lan card (1) (2004)	
Data: MIC (1986)	LED (2)	
	LCD (3)	
	Mouse (1)	
	Modem (1)	
	Data:ITIS (1998)	

3. What We Provide:
(1) Sound Infrastructure

Cisterns and Reservoir:
Abundant Water Supply

Dual System:
Power Supply

(1) Sound Infrastructure

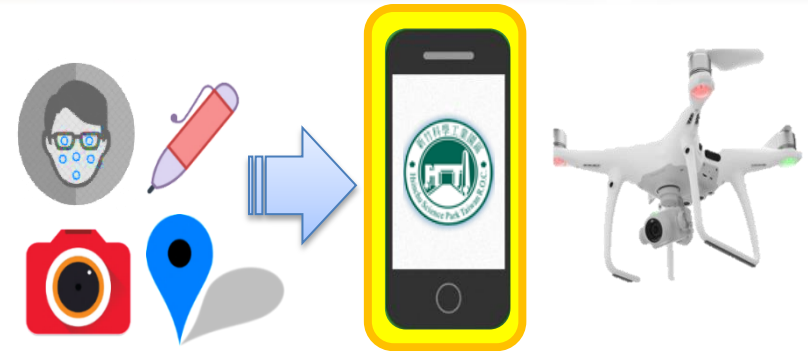## 1.Environmental Protection Facility

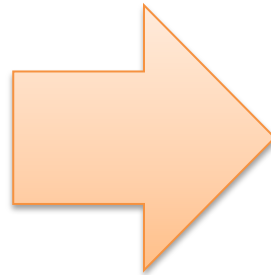## 2.Standard Fabs

3.Living & Education
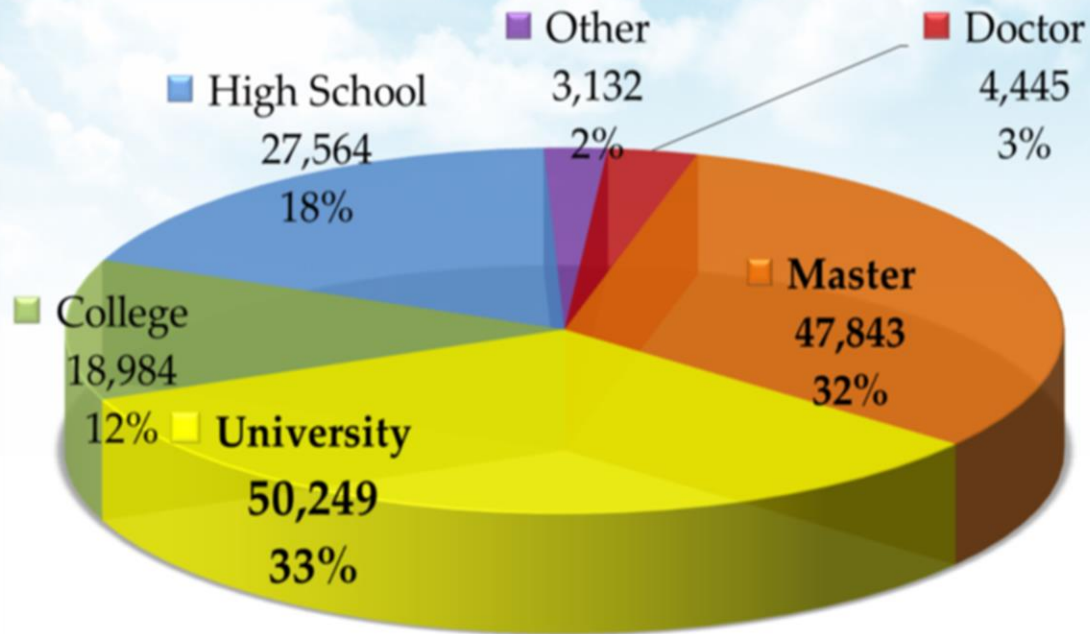
4.Recreation Facilities

One-stop Services

**Authorized by Government
Fast & Efficient Services**

**Smart Community
Intelligent Science Park**

(2) Abundant Talent

Pie chart data:
- Other: 3,132 — 2%
- Doctor: 4,445 — 3%
- High School: 27,564 — 18%
- Master: 47,843 — 32%
- College: 18,984 — 12%
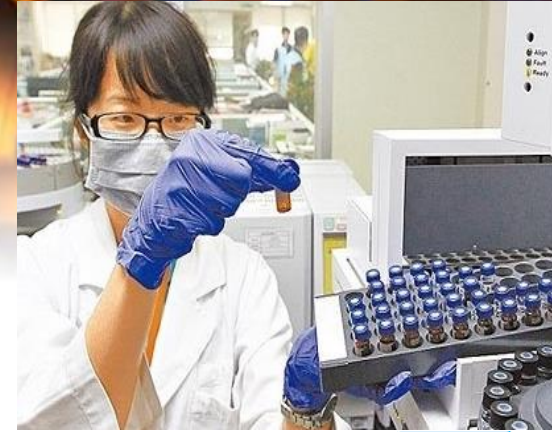- University: 50,249 — 33%

Total: 152,371

Average age : 36
Male : 59.2%
Female: 40.8%

Hsinchu City= Youngest (36.2)+ Richest (1.57m NTD, or 54k USD) City in Taiwan Because of the Hsinchu Science Park

(2018. 1)

(3) Brilliant Ecosystem

(4) Fostering startups and entrepreneurship

Potential candidates → Seeking potential teams → **Venture startups** → Enrolling Startups to the incubator → **Incubators** → Advisory Services to move in → **Move- in** → Offering great environment for innovation
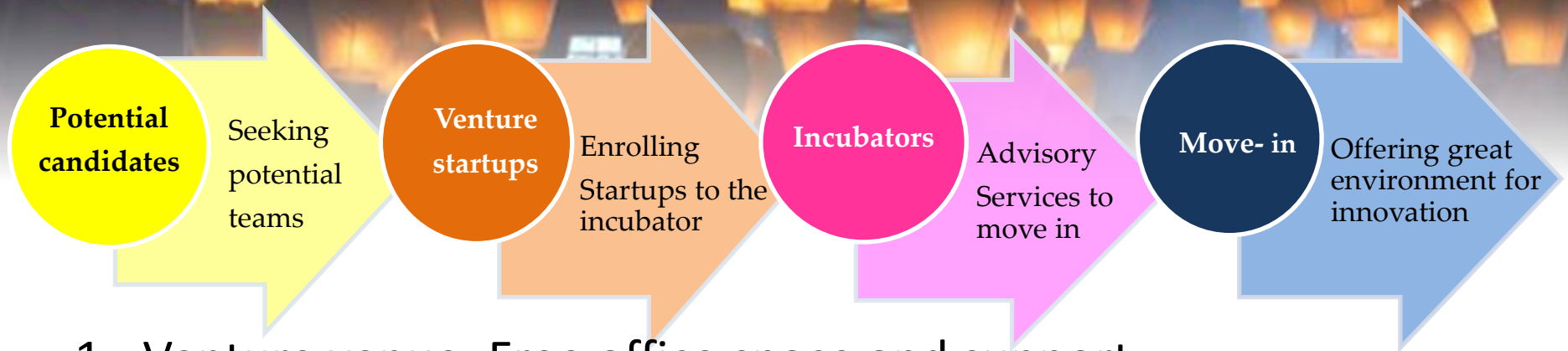
1. Venture venue: Free office space and support.
2. Advisory Service: Wonderful law, financial, accounting, business matching, incubation and move-in services.
3. Technical resources: Professional training courses, venture startups experience sharing.

(5) Globalization and International Cooperation

Canada (2)
- British Columbia
- Quebec Metro

Sweden: Mjardevi, AB

Russia: Moscow State Uni.

Netherlands
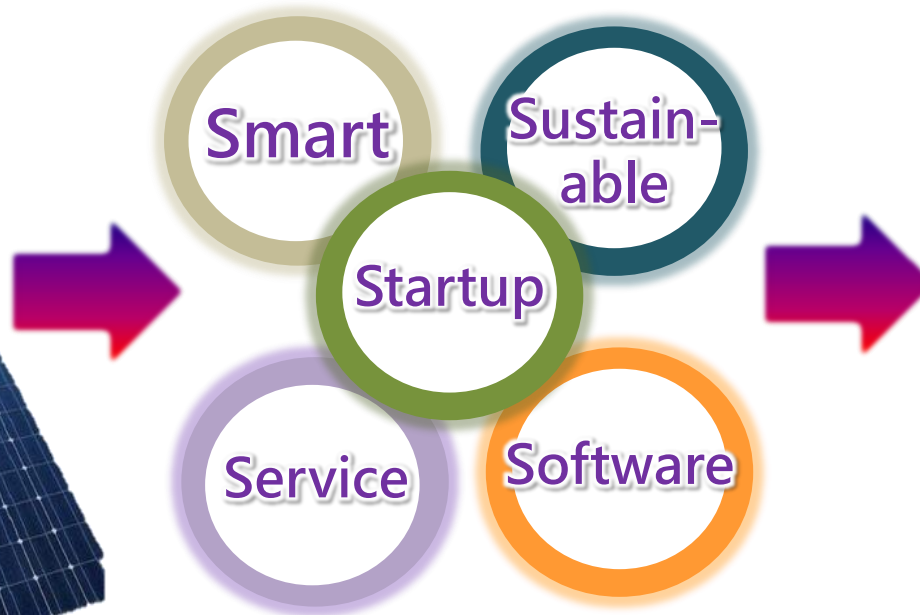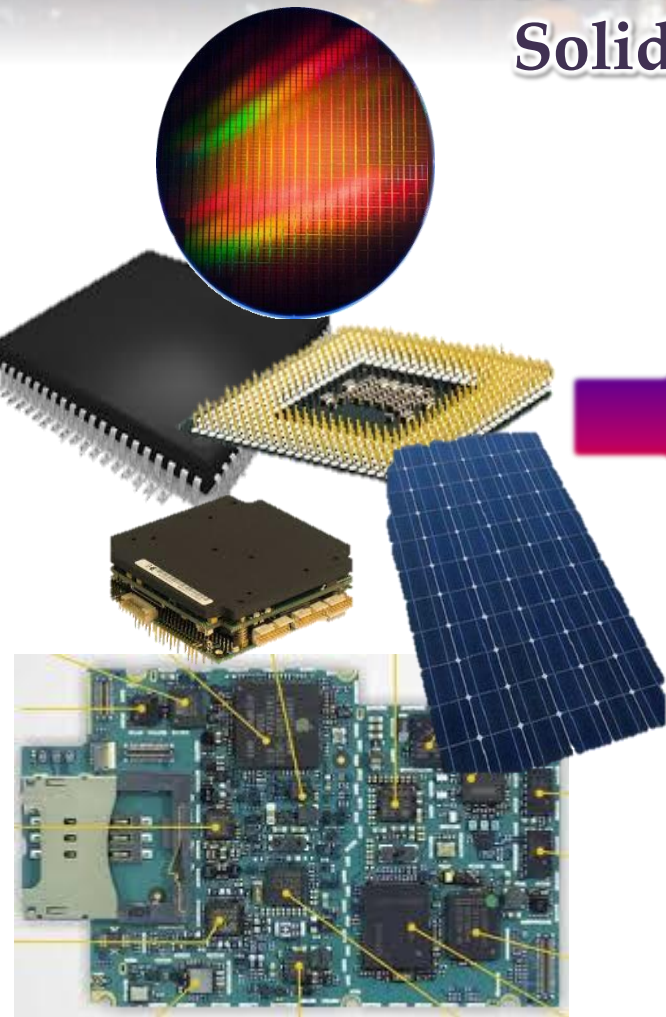- Synopsys

UK: Manchester

UK
- ARM

Japan(3)
- Kitakyushu
- Yokosuka
- Kyoto

Korea: Gyeonggi Technopark

France: Sophia Antipolis

Spain: Andalucía

U.S.A. (9)
- NMU
- Sandia
- San Jose
- Tri-Cities
- Arrowhead
- California St. Uni.
- City of Baton Rouge
- Economic Develop. Alliance for Business
- University of Maryland

Hongkong (1)

Turkey: Hacettepe

Japan (13)
- SHIN-ETSU OPTO
- SHIN-ETSU HANDOTAI
- RORZE
- HOYA
- TOKYO ELECTRON
- ULVAC HSP Branch
- SHOWA
- SUMIKA
- FUJIMI
- NIKKO
- NAMICS
- TOK
- Trend Micro HSP Branch

Swiss (2)
- LOGITECH
- Sensirion

Germany (2)
- LTI DRIVES
- MAGNA

Thailand: Thailand Science Park

- Cayman Islands (9)
- British Virgin Islands (13)

U.S.A. Companies (25)
- APPLIED MATERIALS
- LAM RESEARCH
- KINGSTON
- DUPONT TAIWAN LIMITED
- INVENSENSE TAIWAN
- InVisage Taiwan
- IMPAX LABS
- PHOTRONICS
- DOW (Rohm and Haas)
- VeeCo
- IFF, Taiwan Branch

India: Indian Institute of Technology Hyderabad

Vietnam: Hoa Lac Hi-tech Park

Singapore (3)
- Advanced Micro-Fabrication
- Equipment
- KEST

Samoan Islands (1)

Brazil:
- Uni. of RGande Do Norte
- The Pontificia Universidade Catolica Do Rio Grande Do Sul

4. Future Prospects

Fostering Software & Biotech via Solid Foundation of Hardware

Smart

Sustain-able

Startup

Service

Software

The INTERNET Of THINGS

Artificial Intelligence

Thank you for your attention!