

An aerial photograph of a modern architectural complex. The central focus is a large, golden, egg-shaped structure with a grid-like pattern, which appears to be a large-scale art installation or a futuristic architectural element. The surrounding buildings are multi-story with glass facades and white structural elements. The ground is paved, and there are some green spaces and walkways visible.

# ACCELERATING GROWTH OF HONG KONG'S INNOVATION & TECHNOLOGY ECOSYSTEM

Edward Chan

Assistant Director, HKSTP InnoAcademy

2021.6.28

# HKSAR GOVERNMENT

8 FOCUS AREAS TO DRIVE I&T DEVELOPMENT

## 8 FOCUS AREAS

1. Increase resources for R&D
2. Pool technology talent
3. Provide investment funding
4. Provide I&T infrastructure
5. Review existing legislation and regulations
6. Open up government data
7. Lead changes to procurement arrangements
8. Popularise science education

## HK \$100 BILLION+

HK \$10B	HK Science Park – Infrastructure, talent and incubation support
HK \$20B	HK-Shenzhen I&T Park - 1st phase
HK \$10B	Health@InnoHK & AIR@InnoHK
HK \$5.5B	Cyberport expansion
HK \$2B	Re-industrialization Funding Scheme
HK \$2B	Microelectronics Centre
	<i>and more...</i>

# WORLD-CLASS UNIVERSITIES

ATTRACTING LOCAL AND OVERSEAS TALENT

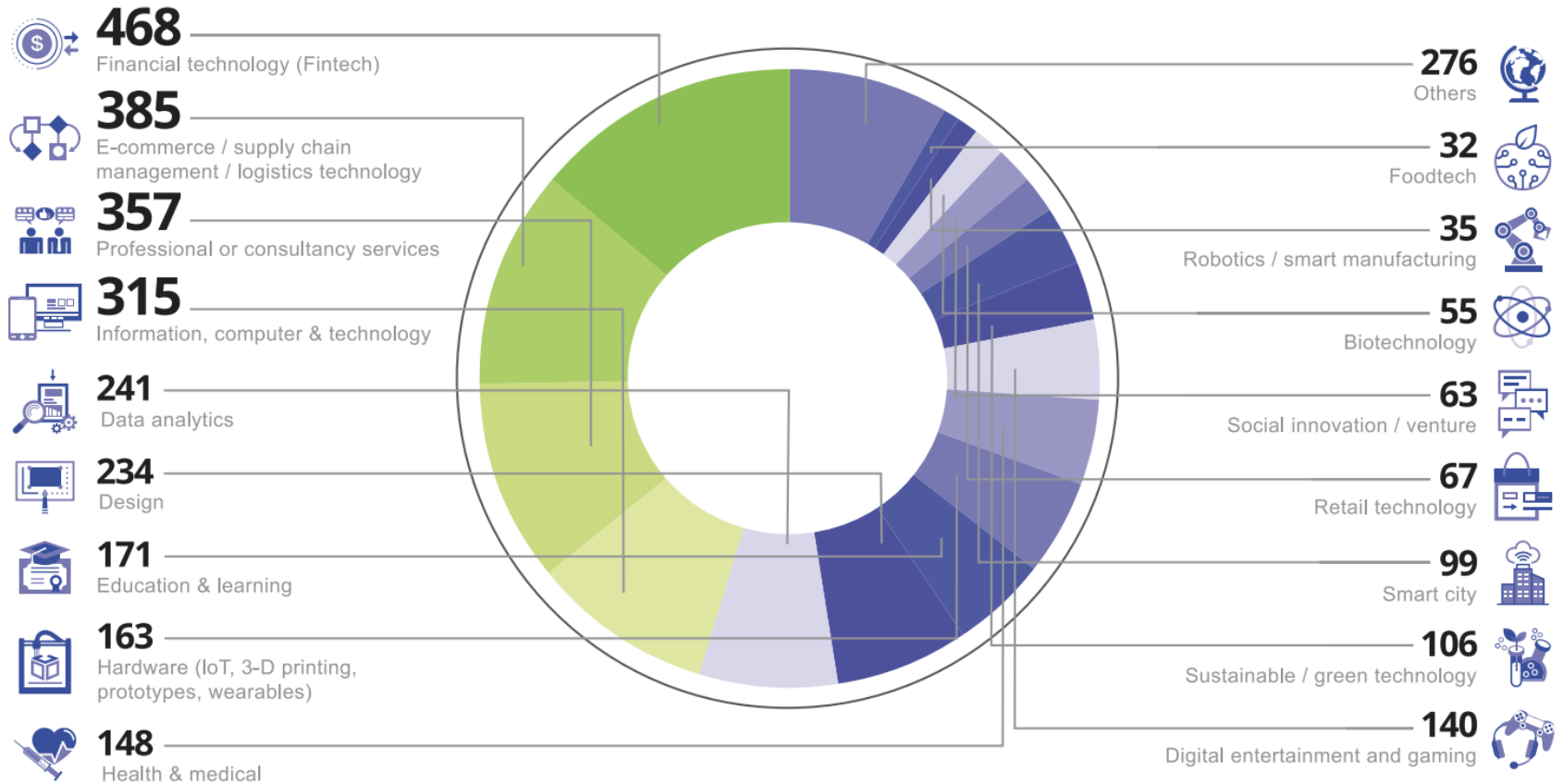
Institution	2021	2020
The University of Hong Kong	22	25
Hong Kong University of Science and Technology	27	32
The Chinese University of Hong Kong	43	46
City University of Hong Kong	48	52
The Hong Kong Polytechnic University	75	91

Source: Quacquarelli Symonds



# STARTUPS ACROSS A WIDE RANGE OF INDUSTRIES

Hong Kong's appeal as a startup hub extends to a wide variety of industries. In 2020, fintech, e-commerce/supply chain management/logistics technology and professional or consultancy services had the largest numbers of startups.



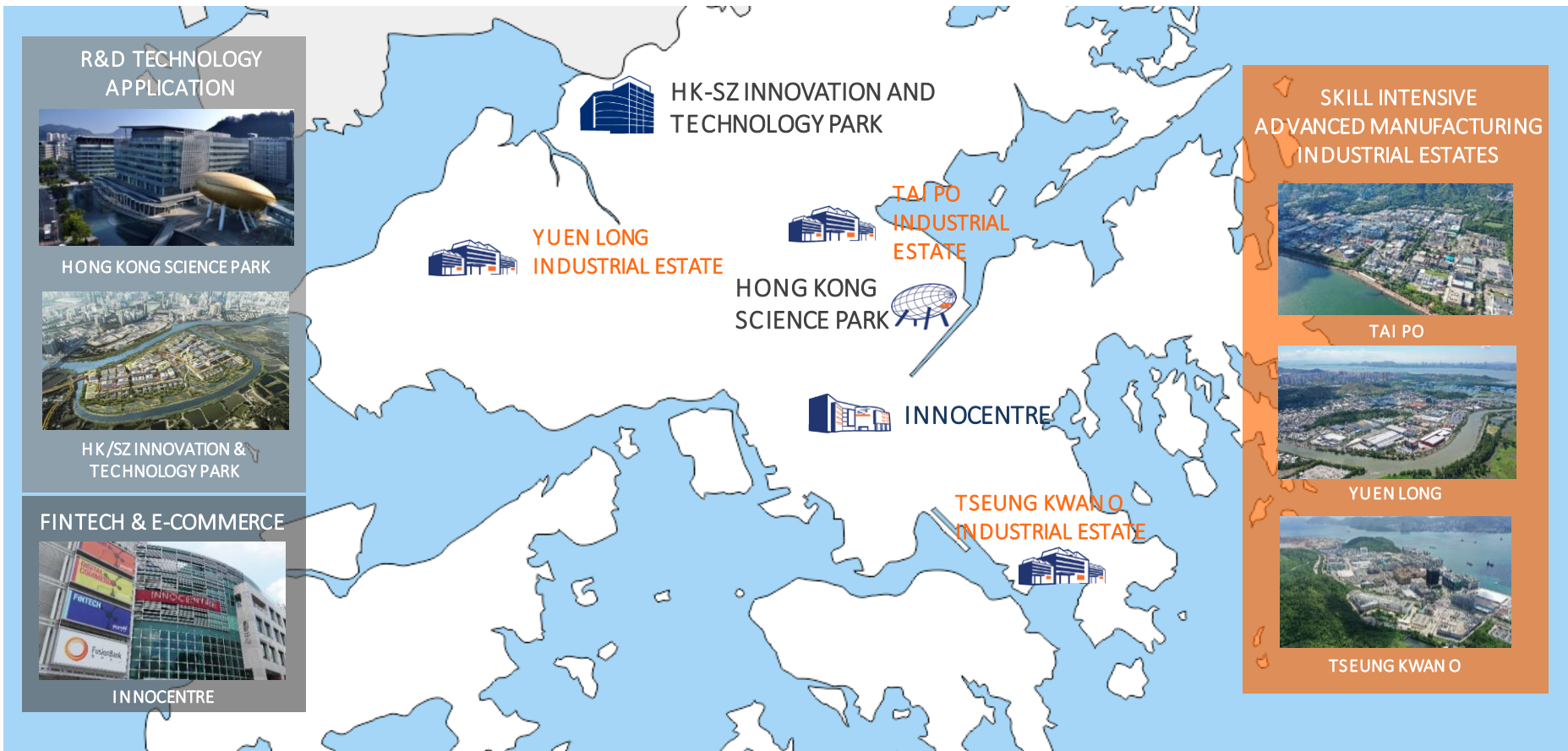
Source: InvestHK (2020)

A large, modern building with a prominent, rounded, golden-colored facade that resembles a large, metallic sphere or a futuristic structure. The building is supported by several thick, white, cylindrical columns. In the background, there are other modern buildings and a mountain range under a blue sky with light clouds.

# HONG KONG SCIENCE PARK

*HONG KONG'S BIGGEST R&D BASE*

# HKSTP INNOVATION CAMPUSES



**4 million ft<sup>2</sup>**

R&D Office &  
Lab Space  
In Science Park



**At a Glance**

ESTABLISHED IN 2002

**1,000+**

Tech Enterprises & Park Companies from

**23 nations**

**AI & Robotics**

**Biotech**

**FinTech**

**Smart Cities**

**10,000+**

R&D staff

With a total work population of

**14,000+**

**90+**

Private and Public Sector Partnerships

**300+**

Awards Received

**2**

Unicorns



Leading Technology Incubator  
in Hong Kong with

**540+** start-ups

**850+**

Graduates

**80%**

Still in Business

Investments of **HK\$29.7B**

Raised by Park Companies  
(FY17/18 to FY19/20)

**1:10x** leverage of private capital  
by HKSTP Ventures

# ALL-ROUNDED SUPPORT SERVICES FOR I&T ECOSYSTEM

## COMPREHENSIVE PROGRAMMES



## MARKET ADOPTION

**90+** partnerships with corporations & public sector



HEALTHCARE DEVICES INNOVATION HUB



BIOBANK



BIOMEDICAL INFORMATICS PLATFORM



SENSOR LAB



ROBOTICS CATALYZING CENTRE



AI PLUG



INNOCELL



# HEALTH@INNOHK & AIR@INNOHK

DEVELOP HONG KONG AS THE HUB FOR GLOBAL RESEARCH COLLABORATION

## PROJECT AREAS

**Health:** Cerebro-Cardiovascular, Eye & Vision, Immunology & Infection, Microbiota, Neurodegenerative Diseases, Oncology, Regenerative Medicine, Stem Cell, Virology & Vaccinology

**AIR:** AI Chips, AI in Design & Financial Technologies, Construction Robotics, Data Discovery & Analytics, Garment Production, Logistics Robotics, Medical Robotics, Reliability & Safety



## RESEARCH BASE

Building 17W and 19W,  
Hong Kong Science Park

# INNOCELL

FIRST MODULAR INTEGRATED  
CONSTRUCTION (MIC) HIGH-RISE  
BUILDING IN HK

SMART LIVING AND  
CO-CREATION SPACE  
FOR I&T TALENTS



# I&T DRIVEN RE-INDUSTRIALISATION

## GUIDING PRINCIPLES IN RE-INDUSTRIALISATION

Output 帶動本地工業產出	Advanced Process 加入先進工藝流程
Investment 積極投資香港產業	R&D Elements 結合創科研發元素
High-skilled Employment 增加優質就業機會	Local Consumption 配合本地需要生產
Product Technology 生產科技含量產品	Sustainability 發展具可持續業務

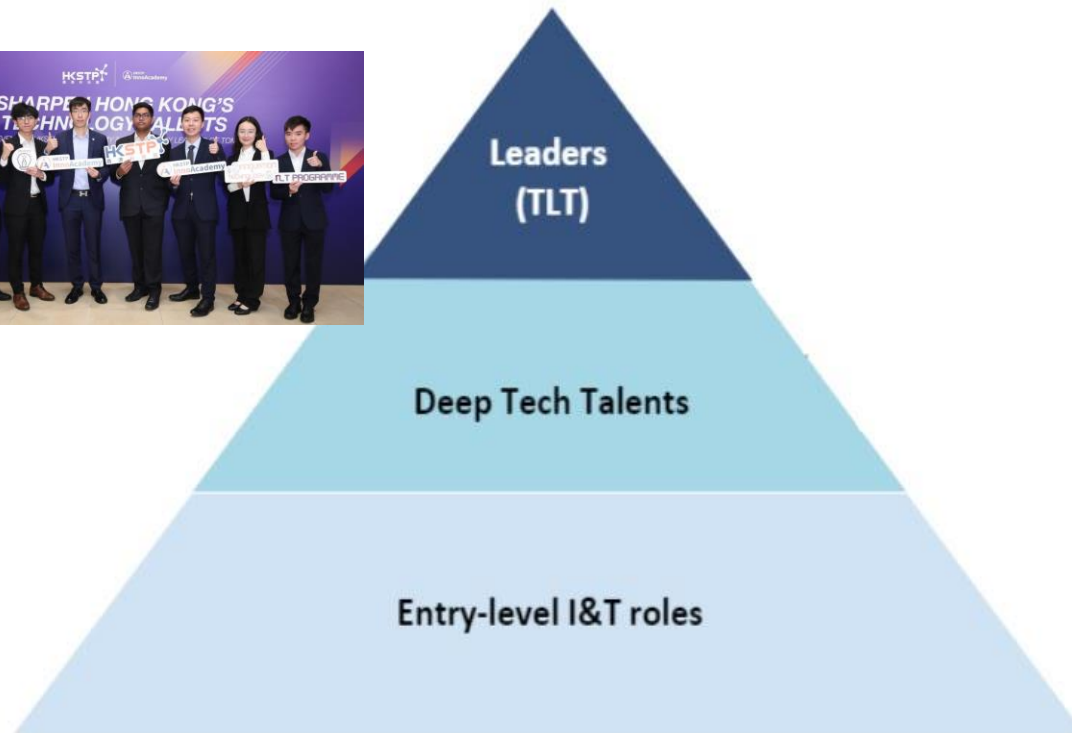


*For illustration purpose, information is subject to change without notice*



# HKSTP InnoAcademy

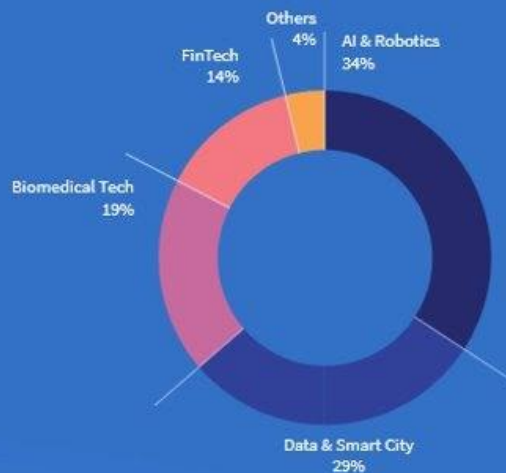
NURTURE, INSPIRE AND ENGAGE HONG KONG'S YOUNG I&T TALENTS



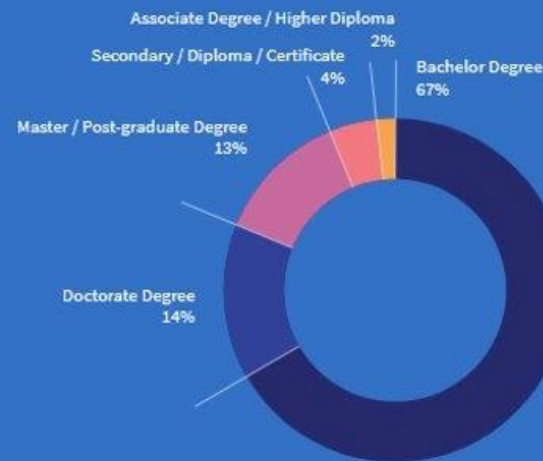
*the future is yours*  
 secure promising tech talents



**Tech Focus of the Job Opportunities**



**Required Education Level**





*@HKSTPInnoAcademy*



*@hkstpinnnoacademy*



Follow us on  
*Instagram*