

行政長官2021年施政報告 創新及科技相關措施

Innovation and Technology-related Initiatives
in the Chief Executive's 2021 Policy Address

7/10/2021

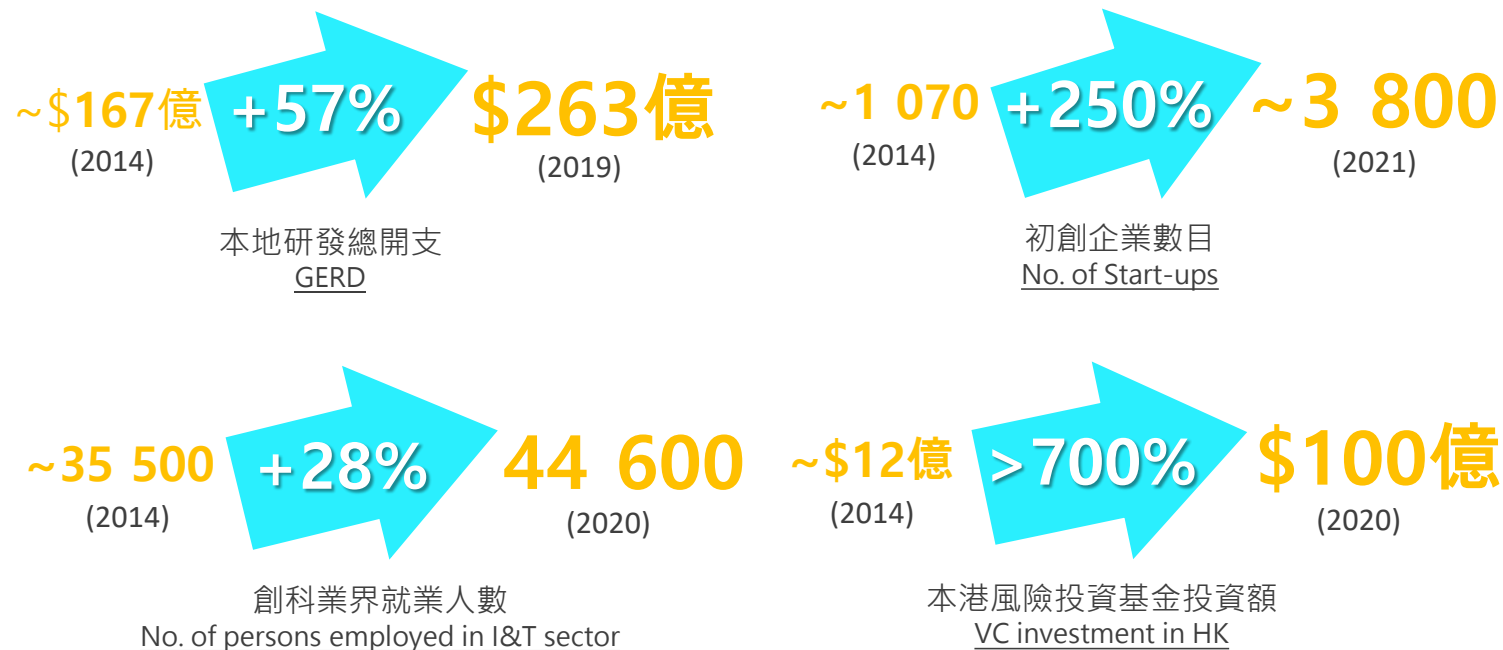


創新及科技局
Innovation and Technology Bureau

史無前例 Never Before

- 四年間投放逾1,300億元支持創科
More than \$130 billion has been devoted to supporting I&T
- 八大方向推動創科發展
Developing I&T along eight major areas
- 國家對香港創科的高度重視及大力支持
Central Government attaches great importance to and provides staunch support to the I&T development of Hong Kong
- 國家《十四五規劃綱要》明確支持香港建設國際創新科技中心
The 14th Five-year Plan indicates clear support for Hong Kong to develop into an international I&T hub

生機勃勃 Vibrant & Flourishing



- 見證12間獨角獸企業誕生
Witnessed the birth of 12 unicorns
- 2018年新制度便利生物科技公司在港上市
New listing regime since 2018 for biotech issuers
 - 40間未盈利生物科技公司
40 pre-revenue biotech companies
 - 市值逾1000億元 Involving over \$100Bn

**亞洲第一、全球第二
生物科技集資中心**

Asia's 1st, the world's 2nd
biotech fundraising hub

國際肯定

International recognition

「世界數碼競爭力排名」2021 World Digital Competitiveness Ranking 2021

亞洲排名
1st
in Asia

世界排名
2nd
worldwide

當中在「科技」方面的表現為世界第一
1st worldwide in terms of performance in "Technology" factor

「數碼智能指數」2020 Digital Intelligence Index 2020

世界排名 **3rd** worldwide

「全球競爭力報告」2019 Global Competitiveness Report 2019

世界排名 **3rd** worldwide

QS世界大學排名2022 QS World University Rankings 2022

全球一百強
World Top 100

5 所本地大學
local universities

QS世界大學排名2021 QS World University Rankings 2021

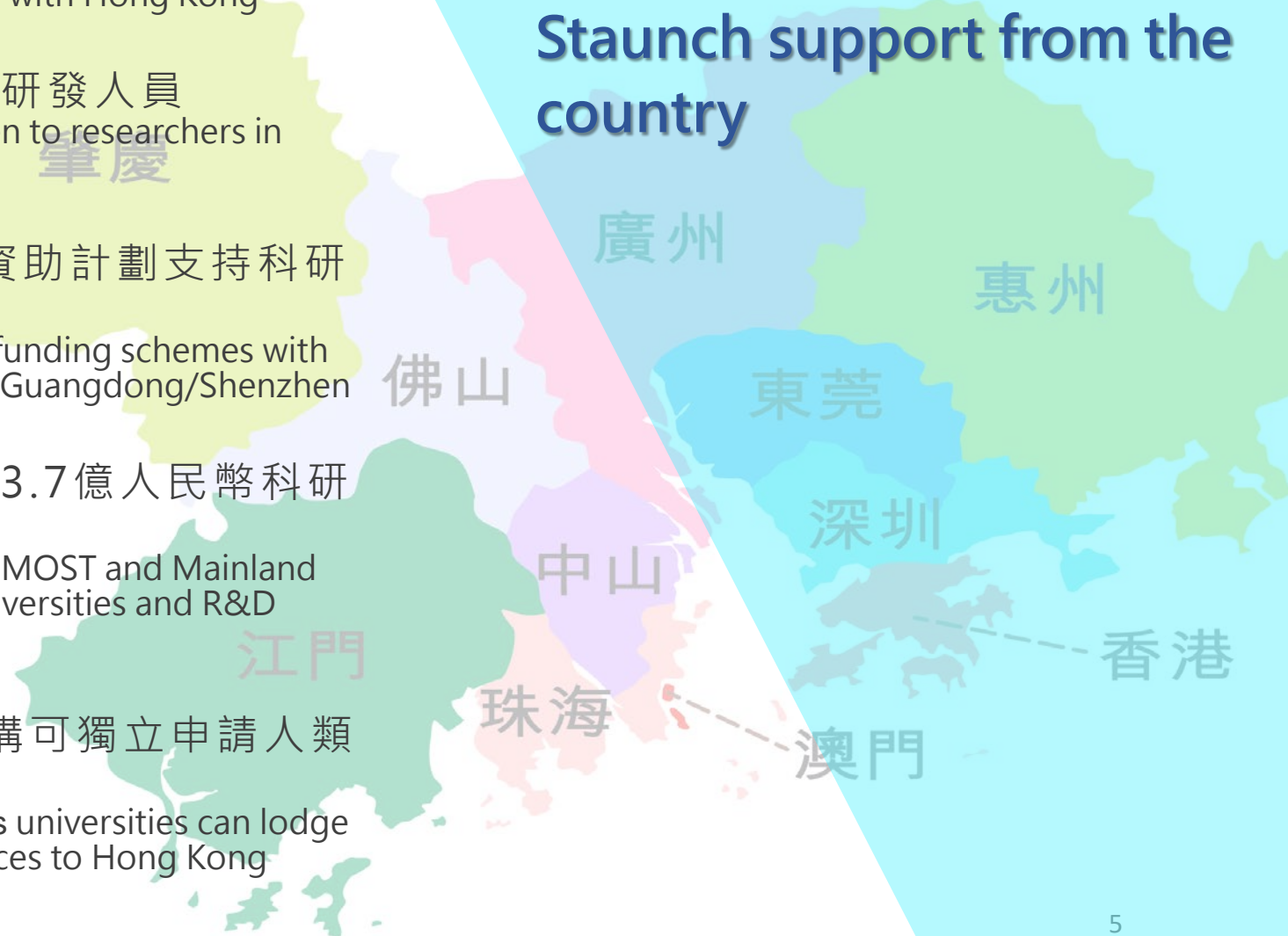
全球50強
World Top 50

2 所大學醫學院
university medical schools

強大後盾

Staunch support from the country

- 《十四五規劃綱要》提出推進深港河套等粵港澳重大合作平台建設，深化內地與香港科創合作關係
The 14th Five-year Plan mentions promoting the development of Shenzhen-Hong Kong Loop as a major platform for GBA co-operation and deepening the Mainland's I&T co-operation with Hong Kong
- 國家科研項目及資助計劃開放予香港研發人員
National R&D projects and funding schemes open to researchers in Hong Kong
- 與科技部及廣東省/深圳市透過不同資助計劃支持科研合作
Supported R&D collaboration through different funding schemes with Ministry of Science and Technology (MOST), and Guangdong/Shenzhen
- 科技部及內地省市過去兩年批出超過3.7億人民幣科研資金給香港的大學及科研機構
Over RMB\$370 Mn of R&D funding approved by MOST and Mainland provinces and municipalities for Hong Kong's universities and R&D institutions in the past 2 years
- 4所香港的大學在內地設立的分支機構可獨立申請人類遺傳資源出境來港
Mainland branches established by 4 Hong Kong's universities can lodge applications for exporting human genetic resources to Hong Kong independently



繼往開來 From Strength to Strength

- 全新思維、全力全速發展創科
Developing I&T at full steam with brand new mindset
- 融入國家發展大局、全力參與大灣區發展、進一步推動科研要素跨境流動
Integrating into the overall development of the country, full participation in the GBA development; and further facilitating the cross-boundary flow of key elements of scientific research
- 貢獻「國家所需」、發揮「香港所長」
Leveraging Hong Kong's strengths to serve the needs of the country
- 擴大為創新科技及工業局、由創科推動再工業化
Expanding into the Innovation, Technology and Industry Bureau, promoting re-industrialisation through I&T

重點措施 Measures Highlight

一. 增撥土地 發展基建

Earmark additional land for I&T and develop tech infrastructure

- 構建「**新田科技城**」：落馬洲/新田一帶地方與港深創科園協同發展 (**約150公頃**)
Develop areas around Lok Ma Chau/San Tin synergistically with Hong Kong-Shenzhen Innovation and Technology Park (HSITP) to form San Tin Technopole (Around 150 ha)
- **馬料水**填海工程及騰空沙田污水處理廠現址的新增土地作創科發展 (**約88公頃**)
Set aside new land from Ma Liu Shui reclamation and site of existing Sha Tin Sewage Treatment Works for I&T (Around 88 ha)
 - 改善科學園一帶對外交通、研究興建新港鐵站
Improve external transport network in the vicinity of Science Park, study the construction of a new MTR station
- 於**流浮山**部份土地建立規模媲美數碼港的地標性創科設施，便利與前海協作 (**約5公頃**)
Build landmark I&T facilities in part of the land in Lau Fau Shan with a scale comparable to Cyberport for collaboration with Qianhai (Around 5 ha)
- 預留用地予港大和中大作科研用途 (**約共6.5公頃**)
Provide land for HKU and CUHK for research use (Around 6.5 ha)



新增土地共約250公頃
About 250 ha of additional land in total

一. 增撥土地 發展基建

Earmark additional land for I&T and develop tech infrastructure

- 支持理大把部份校舍用作研究發展
Support PolyU to use part of campus for research development
- 科技園公司探討第二個先進製造業中心
HKSTPC to start planning for the second Advanced Manufacturing Centre
- 研究加快落馬洲河套地區港深創科園的發展，
探討更具彈性的發展模式
Study ways to accelerate the development of HSITP, explore development model with greater flexibility
- 科學園和數碼港擴建
Science Park and Cyberport Expansion





二. 推動研發 匯聚人才

Promote R&D and pool tech talents

- 設立「*InnoLife* 生命健康創新科研中心」
Set up an *InnoLife Healthtech Hub*

聚焦生物醫學、化學、物理、工程、大數據、人工智能等範疇的科研工作
Focus on research work on biomedicine, chemistry, physics, engineering, big data, artificial intelligence, etc.

應用於預防、診斷、藥物開發、外科機械人、先進治療、康復等領域
For application in the fields of prevention, diagnosis, medicine, surgical micro-robots, advanced treatment, rehabilitation, etc.

- 探討醫管局與科技園公司合作使用醫管局的臨床數據作研發用途
Explore collaboration between Hospital Authority (HA) and HKSTPC on the use of HA's clinical data for R&D
- 繼續推展「傑出創科學人計劃」，匯聚科研人才
Continue to implement Global STEM Professorship Scheme to pool research talent
- 探討擴展「非本地畢業生留港 / 回港就業安排」至涵蓋本港大學在大灣區所設分校
Explore the extension of the Immigration Arrangement for Non-local Graduates to cover graduates of Hong Kong universities' GBA campuses

三. 支援初創 立足灣區

Support for start-ups in gaining a foothold in the GBA

- 科技園公司於科學園深圳分園成立:
HKSTPC to set up at its Shenzhen branch of Science Park:

「大灣區創科飛躍學院」 “GBA InnoAcademy”

資源中心、培訓基地以及人才交流平台

Resource centre, training hub, and exchange platform for talents

「大灣區創科快線」 “GBA InnoExpress”

培育初創和支援科技企業引進外資、走向全球

Nurture start-ups and support I&T enterprises to go global and attract foreign investment

- 科技園公司與相關院校合作，在院校大灣區分校建立孵化中心網絡，培育人才和初創企業
HKSTPC to work with the relevant institutions to establish incubator networks in their GBA campuses to foster talents and start-ups

齊心同行 開創未來

建設香港成為國際創新科技中心

Building a Bright Future Together
Developing Hong Kong into an international I&T Hub