



香港工業總會

FHKI

1970 CHANGES MADE IN FHKI ORDINANCE TO ALLOW SMALLER COMPANIES, UTILITIES, AND CO-OP'ED MEMBERS

1960 THE FEDERATION OF HONG KONG INDUSTRIES (HKI) FOUNDED



1977-78



1977 QUALITY ASSURANCE PACKAGING SERVICE LAUNCHED

1978 Q-MARK SCHEME LAUNCHED

1988-89



1988 FIRST "YOUNG INDUSTRIALIST AWARDS OF HONG KONG" HELD

1989 FIRST "GOVERNOR'S AWARD FOR INDUSTRY" HELD. THE FHKI ORGANISED THE CONSUMER PRODUCT DESIGN CATEGORY

2002-03



2002 "INDUSTRIALIST OF THE YEAR AWARD" FIRST LAUNCHED
HONG KONG DESIGN CENTRE ESTABLISHED

2003 "MADE IN PRD" - THE CHANGING FACE OF HONG KONG MANUFACTURERS' RESEARCH REPORT RELEASED

HONG KONG Q-MARK SERVICE SCHEME LAUNCHED

2004-05

2004 PRD COUNCIL ESTABLISHED

2005 "ONE FACTORY - ONE YEAR - ONE ENVIRONMENTAL PROJECT"

LAUNCHED HONG KONG COALITION FOR INTELLECTUAL PROPERTY RIGHTS INAUGURATED



2006-07

2006 THE HONG KONG COALITION FOR INTELLECTUAL PROPERTY RIGHTS BECAME AN ISSUING BODY OF THE "NO FAKES" PLEDGE LABELS

2007 THE HONG KONG GREEN MARK CERTIFICATION SCHEME LAUNCHED

"MADE IN PRD: CHALLENGES AND OPPORTUNITIES FOR HKI INDUSTRY" RESEARCH REPORT RELEASED

2017-18



2017 "LEGEND OF HONG KONG TOYS" EXHIBITION HELD AT HONG KONG MUSEUM OF HISTORY

2018 HONG KONG STARTUP COUNCIL AND SUN HING KAI PROPERTIES LIMITED JOINTLY ESTABLISHED THE CO-WORKING SPACE "INDEX"

2015-2016



2015 "MADE IN PRD STUDY IV: THE WAY FORWARDS OF HONG KONG INDUSTRIES" RESEARCH REPORT RELEASED

THE DESIGN COUNCIL OF HONG KONG LAUNCHED THE HONG KONG D-MARK CERTIFICATION SCHEME

2016 HONG KONG STARTUP COUNCIL ESTABLISHED

2013

FIRST "INDUSTRY CARES RECOGNITION SCHEME" HELD



1968-69

1968 HONG KONG INDUSTRIAL DESIGN COUNCIL FOUNDED

1969 FIRST COMPETITION FOR GOVERNOR'S AWARD FOR HONG KONG DESIGN



1985 DESIGN COUNCIL OF HONG KONG ESTABLISHED

THE FHKI BECAME A FUNCTIONAL CONSTITUENCY

1990

TRADE MARK SERVICES OFFERED BY FHKI'S DESIGN AND PACKAGING CENTRE

1993-94

1993 FHKI OPENED A LIAISON OFFICE IN SHENZHEN

1994 AMENDMENTS MADE TO FHKI ORDINANCE TO ALLOW SERVICES AND TRADING COMPANIES TO JOIN THE FEDERATION



FHKI at a Glance

2000+ Corporate Members

13 Functional Committees

32 Industry Groups

1 Legco Representative



60+ Representatives in Government & Public Bodies



200+ Events per year



EdTech Sub-Committee, Innovation and Technology Development Committee

Former as “STEM Education Subcommittee”, which established in 2018, aims at joining hands with local **Industrialists** to promote **EdTech** as well as TechEd, enhancing creativity and problem-solving skills of the younger generation, as well as nurturing outstanding I&T talents for Hong Kong industries.

32 Industry Groups

- Manufacturing
- IT and Automation
- Garment, Textile and Leather
- Jewelry and Watch
- Environment and Energy
- Creative and Design
- Supporting Services
- Others



Embracing Innovation and Technology

- Incubating startups and connecting them with manufacturing executives to build a dynamic industrial ecosystem
- Bridging R&D results from local institutes with the industries for product commercialisation
- A shared R&D Hub at Hong Kong Science Park for members was set up in May 2021



Our Services



[Q-mark Certification](#)



[D-mark Certification](#)



[Talent Development](#)



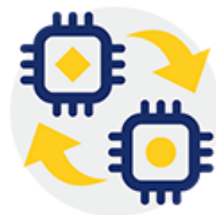
[Business Insight](#)



[Intellectual Property Services](#)



[Trade Certification Services](#)



[I&T Development](#)



[International Business Opportunities](#)

STEM學生在香港 不同行業的發展前景



香港工業總會

FHKI Federation of
Hong Kong Industries

政府投逾1,100億元於八大方向加強創科發展方向

1 增加研發資源

2 匯聚科技人才

3 提供創投資金

4 檢視現行法例和法規

5 改變採購制度

6 加強科普教育

7 提供科研基建

8 開放政府數據



香港的創新及科技業概況

No.11 < 13

全球創新指數2020

11

香港獨角獸公司

No.5 < 8

瑞士洛桑國際管理
學院數碼競爭力排名

傳統行業 X 創新科技 = 再工業化



香港漁業持續發展 — 現代化海產養殖示範場



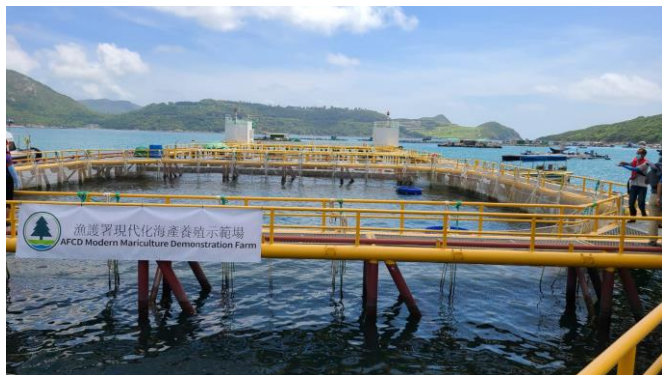
資料來源: 漁農自然護理署 Facebook

漁農自然護理署（漁護署） 在東龍洲設立現代化海產養殖示範場（示範場）

傳統魚排



現代化海產養殖示範場



現代化設備管理

- 實時監控系統
- 實時水質監測
- 自動投餌系統

紡織及時裝（運動科研）



- 由Champion System、香港科技大學和香港體育學院合作研製而成
- 透過數據分析研究戰衣不同部位的材料
- 比起傳統單車衫平均節省**2.5%**以上功率

A. Kwok 運動空氣動力科研計劃
Sports Aerodynamics Science Initiative



資料來源: 創新及科技局 Facebook

紡織及時裝 – 紡織廢品回收



資料來源:舊衣回收重造(HK01)

- 2018年紡織物廢料佔堆填區棄置量14.3萬公噸 --》約100噸可經處理後循環製成新衣物
- 香港紡織及成衣研發中心 (HKRITA) 研發 - 水熱分離系統
- 經處理後，只需30分鐘至2小時，有效地將棉與聚酯纖維分隔
- 聚酯纖維 --》直接用作紡紗，製成新布料
- 棉--》纖維素粉末，經加工形成紗線，可用作紡織的棉

建造業



- 8月13日，連接長沙灣海盈邨及海達邨的行人天橋啟用，只需一晚便可完成接駁
- 透過建築信息模型和三維激光掃描技術，提升施工準確度
- 橫跨西九龍公路及連翔道16條行車線，有別以往需要多次封路的影響，減低對公路交通的影響

資料來源: 房委會及東網

建造業 - 工程安全



透過實時監察工地狀況，人工智能系統能點算工地人數，並分析工人的動作及所配戴的安全配備（如安全帽及反光衣），從而預測可能出現的危險行為，及時提醒安全主任及相關工程監督，預防工人受傷。

資料來源: LSCM

中醫行業



- 濃縮中藥配方顆粒的研發及生產
- 方便繁忙工作的市民使用沖劑

資料來源: Unwire.Pro 及香港政府新聞網



- 香港首間中醫醫院預計2025年落成，醫院位於將軍澳百勝角
- 設自動化存倉系統，所有藥材批次會有「電子標籤」(RFID)或二維碼識別，由機器編配到不同藥架，需要時輸入二維碼，再由機器運送到配藥員手上

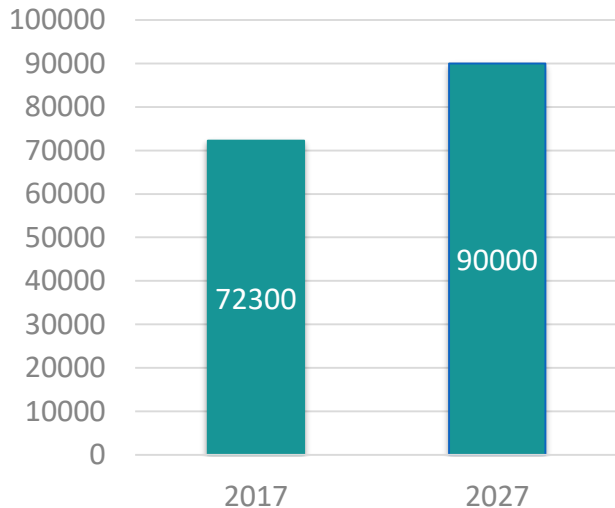
2017年及2027年的選定產業的人力要求

報告指出具有良好的潛力、可以進一步推動香港經濟發展的行業

- 資訊科技及資訊服務業 (+2.2%)
- 創新及科技產業 (+4.3%)
- 文化及創意產業 (+0.9%)
- 檢測及認證業 (+1.3%)
- 環保產業 (+1.3%)

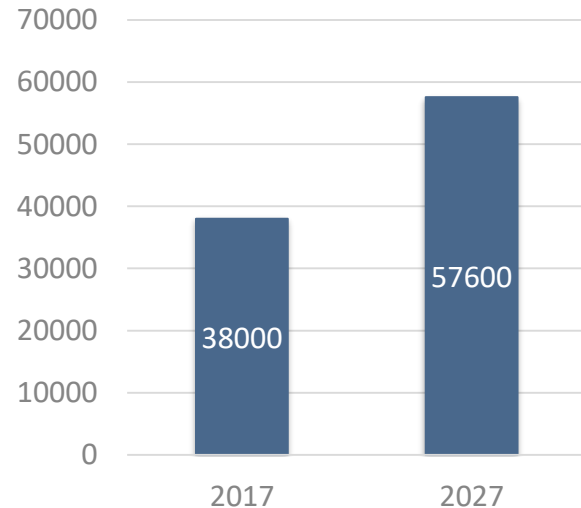
資訊科技及資訊服務業

2017年及2027年人力需求推算人數



創新及科技業

2017年及2027年人力需求推算人數



《2027年人力資源推算報告》 - 香港特別行政區政府 2019

正在面對的問題

『有行業專家表示，本港擁有高質素大學、世界級的科技基建等優勢，然而擁有實戰經驗的人才極度匱乏』



需要實際場景 (Domain Knowledge)

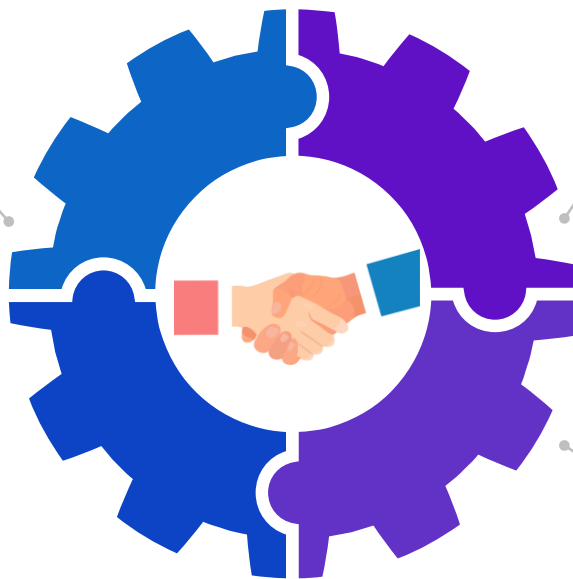
培訓 STEM 人才需各持分者攜手合作

政府 Government

提供一系列支援，推動科研成果產業化

工業界 Industries

技術應用生產



學界 Academia

培育跨學科人才

研發機構 Research Institutes

基礎研究與應用研究

EdTech Sub-Committee,
Innovation and Technology Development Committee



香港工業總會

FHKI Federation of
Hong Kong Industries

WWW.INDUSTRYHK.ORG