香 港 大 學
THE UNIVERSITY OF HONG KONG

港大金融科技指數系列研究顯示新冠肺炎疫情下

香港金融科技產業對前景仍然樂觀

香港大學（港大）金融科技指數系列推出第二年度的香港金融科技發展指數（FGI）和香港金融科技市場季度情緒指數（FBI），分別評估香港的金融科技業界對行業發展的展望，以及透過分析本地媒體就金融科技的報道，了解社會對行業的整體看法和觀感。

香港金融科技發展指數 2020

參與 2019-20 年度 FGI 問卷調查的本港金融科技公司有 27 間，比 2018-19 年度少 11 間。分析業界的回應，2019-20 財政年度的 FGI 為 120.9，較 2018-19 年度上升 20.9 個指數點。而預計 2020-21 的 FGI 將提升至 133.6，增加 12.7 個指數點（或 10.5%），反映顯示金融科技服務行業在 2019-20 香港社會運動和新冠肺炎疫情下，對前景仍然感到樂觀。

四個分類指數（表一），2019-20 年度營商環境分類指數為 105.8，較去年提升了 5.8%。業界對 2020-21 年度營商環境的預期指數為 115.8，較今年度提升 9%，主要是企業認為外在營商環境有所改善，有更多外來資金和更安全和穩定的投資環境。

經營業績分類指數為 143.4，較去年提升了 43.4%，預期未來一年的預期指數為 184.1，較今年度提升 28.4%，反映企業對發展前景樂觀。受訪企業中，70.4%視人才招聘為其主要挑戰，顯示金融科技公司越來越難招募人才。

研發投資分類指數為 126.6，較去年提升了 26.6%。預期未來一年的指數為 124.1，比今年小幅下跌 2%，反映企業減少投資於研究及產品開發。調查還顯示企業的主要業務投資是在顧客體驗（59.3%），人工智能、大數據、機器學習和深度學習（44.4%），以及行動解決方案（33.3%）等方面。

人才需求分類指數為 107.9，較去年提升了 7.9%。預期未來一年的指數為 110.6，比今年小幅提升 3%，相比營商環境及經營業績兩個分類指數的較大增幅，反映企業面對收入下行的風險，在人才招聘方面採取較審慎被動的態度。行業對新僱員工的能力需求主要在編寫程式（85.2%）和營銷專長（48.1%）兩方面。比起去年，業界對 IT 基礎架構技能的需求也更大（42.1%）。

金融科技市場情緒指數 - 2020 年第一季度

2020 年第一季度的 FBI，分析了 1 月至 3 月內約 1000 條有關金融科技的新聞報導，指數值為 100.3，較上一季度的 101.3 下降 1 個指數點（或 0.98%），較去年同期的 103.8 下降 3.5 個指數點（或 3.37%），延續自 2019 年第二季度起的下跌趨勢。

六個行業的分類指數呈不同的改變（表二）。保險科技、財富及信用科技，以及監管科技及網絡安全三個分類指數上升。保險科技方面的正面新聞報道，源於不少香港銀行在疫情下推廣網上投保服務，促進了保險科技的發展；虛擬銀行進入沙盒試業就保障網絡安全作籌備，也促進了監管科技及網絡安全，以及和財富及信用科技兩個分類指數上升。

金融科技市場情緒指數整體下跌的原因，涉及多種因素。這包括在疫情下，部分公司為了保持僱員間的社交距離、防止人與人接觸感染而短暫停業，因而減慢了金融科技的發展步伐。

關於香港大學金融科技指數系列計劃

香港大學（港大）金融科技指數系列計劃推出香港金融科技發展指數 （FGI）和香港金融科技市場情緒指數 （FBI）以量度本地媒體報導對本地金融科技公司的前景以及該行業的總體看法。它是香港首個提供有關該行業發展指數的指標，旨在及時提供信息以追蹤香港金融技術行業的增長和發展。

香港金融科技發展指數（FGI）是一項年度指數，下設營商環境、經營業績、研發投資和人才需求四個分類指數。它反映了香港金融科技公司對來年市場情況的預測以及對當年情況的評估。香港金融科技市場情緒指數（FBI）是一個季度指數，代表過去三個月與本地金融科技相關新聞報道的量化情緒。 該指數的基點為 100 點，代表 2016 年和 2017 年當地主要新聞媒體中近 1 萬個與金融科技相關的新聞的觀點。FBI 進一步細分為六個領域：保險科技（InsurTech），財富及信用科技（WealthTech & CreditTech），區塊鏈和加密貨幣，電子支付和數碼銀行，監管科技（RegTech & Cybersecurity）以及其他相關業務，包括人工智能和大數據。

研究項目由專責大學技術轉移的港大科橋有限公司推動，由港大理學院統計與精算學系副教授楊良河博士領導的研究團隊負責定期數據分析。此項五年計劃是由總部位於深圳的索信達數據技術股份有限公司贊助。

關於香港大學金融科技指數顧問委員會

顧問委員會由本港金融科技行業的專業人士組成，包括香港大學、香港金融科技協會、投資推廣署、數碼港、香港科技園、東亞銀行有限公司以及索信達數據技術股份有限公司的代表。委員會成員負責篩選金融科技公司參與年度問卷調查；以及就指數計算及研究方法提供專業意見。

「香港大學金融科技指數系列」研究項目網址：www.fintechindex.hku.hk。

净圖表可於此下載。

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http://www.hku.hk/press/c_news_detail_21232.html

HKU FinTech Indices reveal a positive outlook for 2020-21 despite negative impact from COVID-19 and protests

The HKU FinTech Index Series Project published the second-year Hong Kong FinTech Growth Index (FGI) and the 2020Q1 Hong Kong FinTech Buzz Index (FBI) to gauge local FinTech companies' outlook and the general sentiment on the sector as reported by the local press.

Hong Kong FinTech Growth Index 2020

The FGI represents responses to an annual survey by 27 companies, 11 less than last year.

The Hong Kong FGI for the financial year 2019-20 is 120.9, up 20.9 index points from 2018-19. The FGI expected for the financial year 2020-21 is 133.6, an increase of 12.7 index points (or 10.5%), representing a positive outlook for Fintech development in Hong Kong in the coming year despite the impact from the anti-extradition bill protests and COVID-19 outbreak.

Of the four sub-indices (Table 1), the Business Environment sub-index, measured by both internal and external factors on FinTech business operations and development, is 105.8, 5.8% higher than 2018-19. The sub-index is expected to increase by 9% to 115.8 in 2020-21, attributing to improvement in external factors including more funding opportunities and a safer and more stable investment environment in the coming year.

The Business Performance sub-index, measured by FinTech customer adoption rate and revenue, is 143.4, 43.4% higher than 2018-19, and is expected to increase by 28.4% to 184.1 in 2020-21, representing a positive outlook in business development by the FinTech industry. Of the companies that responded, 70.4% mentioned talents acquisition as the main challenge in business operation which has become more difficult.

The Investment on R&D or Product Development sub-index is 126.6 for 2019-20, 26.6% higher than 2018-19 and is expected to drop by 2% to 124.1 in 2020-21. The downturn can be attributed to FinTech companies lowering their investment on R&D or product development. In 2019-20, FinTech companies mainly spent their R&D or product development expenditure on Customer experience (59.3%), AI, big data and machines/deep learning (44.4%) and Mobile solutions (33.3%).

The Demands on Talents sub-index is 107.9, 7.9% higher than 2018-19 and is expected to increase by 3% to 110.6 in 2020-21. The expected growth rate is lower than sub-indices Business Environment and Performance which indicates that companies are turning conservative in hiring talents due to the downside revenue risk. On the required skills for new employees, programming skills (85.2%) is the most preferred skills by employers, followed by marketing expertise (48.1%). IT infrastructure skills (42.1%) have evolved to be a more important skill set than in 2018-19.

Hong Kong FinTech Buzz Index - 2020Q1

Around 1,000 news articles in the first three months from January to March 2020 were analysed. Hong Kong FBI for the first quarter (Q1) of 2020 is 100.3, a drop of 1 index point (or 0.98%) from 101.3 in the last quarter of 2019 (2019Q4). The YoY change drops by 3.5 index points, or a 3.37% decrease from 103.8 in 2019Q1, continuing a downward trend from the peak in 2019Q2.

Indices of the six subsectors show different changes (Table 2), with increases recorded in three sub-indices: Insurance Technology (InsurTech), Wealth Technology and Credit Technology (WealthTech & CreditTech), and Regulatory Technology (RegTech) & Cybersecurity. Positive news in InsurTech were related to banks in Hong Kong switching to promote online insurance under COVID-19 which has facilitated the growth of related technology. Moreover, the launch of virtual banks has proved the successful use of sandbox to ensure cybersecurity, hence resulting in positive news in RegTech & Cybersecurity as well as WealthTech & CreditTech.

The reasons underlying the overall drop in FBI for 2019-20 are complicated. Hong Kong has experienced the outbreak of Covid-19 during the period, some FinTech companies might have been closed temporarily as a social-distancing measure, which may slow the pace of financial technology development.

About the HKU FinTech Index Series Project

The HKU FinTech Index Series Project introduces the Hong Kong FinTech Growth Index (FGI) and the Hong Kong FinTech Buzz Index (FBI) to gauge local FinTech companies' outlook on the industry and the general sentiment on the sector as reported by local press. It is the first in the region to provide index indicators on the development of the sector, with an aim to provide information in a timely manner to track the growth and development of the financial technology industry in Hong Kong.

FGI is a yearly index with four sub-indices on Business Environment, Business Performance, Investment on R&D and Demand on Talent. It reflects Hong Kong FinTech sector's forecast of the market situation in the coming year and gives an assessment of the situation in the current year. FBI is a quarterly index representing a quantified sentiment of the local FinTech-related news articles in Chinese in the past three months. The index has a base value of 100 points which represents the sentiment of nearly 10K FinTech related news articles in major local news media outlets in 2016 and 2017. FBI is further broken down into six sectors: Insurance Technology (InsurTech), Wealth Management and Credit Technology (WealthTech & CreditTech), Blockchain & Cryptocurrency, E-Payment & Digital Banking, Regulatory Technology (RegTech) & Cybersecurity and other related business including AI and big data.

The project was initiated by the technology transfer company of the University - Versitech Limited, and is led by Dr Philip Yu of the Department of Statistics and Actuarial Science of the Faculty of Science. The five-year project is sponsored by Suoxinda Data Technology Co. Ltd headquartered in Shenzhen.

About HKU FinTech Index Advisory Board

The Advisory Board comprises professionals from the University of Hong Kong and the local FinTech industry, including representatives from FinTech Association of Hong Kong, InvestHK, Cyberport, Hong Kong Science and Technology Parks Corporation, The Bank of East Asia, Limited, and Suoxinda Data Technology Co. Ltd. The members provide expert advice on the FinTech companies to be included in the master list for the annual survey to return the FinTech Growth Index. They also advise the Project on index methodology.

For further information on the HKU FinTech Index Series Project, please visit the project's website at www.fintechindex.hku.hk.

To download graphs without logos, please click here.

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http://www.hku.hk/press/news_detail_21232.html