



通訊事務管理局辦公室  
OFFICE OF THE  
COMMUNICATIONS AUTHORITY



隨着香港經濟逐步復蘇，通訊市場在2024／25年度持續增長，並為其他行業提供了穩健的支持。通訊事務管理局辦公室（通訊辦）會繼續致力促進通訊業蓬勃和具前瞻性的發展，以鞏固香港作為區域通訊樞紐的地位。

While Hong Kong's economy gradually revived, the communications market continued to grow and provided sturdy support to other sectors during 2024/25. The Office of the Communications Authority (OFCA) will stay focused on fostering a robust and forward-looking communications sector, as well as reinforcing Hong Kong's role as a regional communications hub.

梁仲賢先生，JP

Mr Chaucer LEUNG, JP

通訊事務總監

Director-General of Communications

我欣然呈上通訊辦編製的2024／25年營運基金年報。本報告闡述香港通訊市場的整體表現、重點回顧我們過去一年的主要進展及成果，並概述我們為支持通訊業持續發展所採取的措施。

## 市場概況

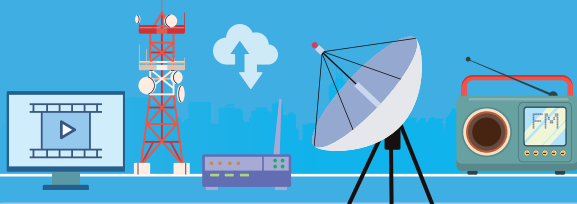
過去一年，香港通訊業繼續表現良好。儘管經濟格局複雜多變，業界保持強勁穩健，在面對種種挑戰中展現其韌性和實力，在大環境經濟中穩定發展。

## 電訊市場

香港的流動服務市場是全球最先進及最具競爭力的市場

之一。截至2025年3月，香港約有2 780萬個流動服務用戶，滲透率相等於接近360%的人口，是全球最高的地區之一。隨着經濟轉型，流動數據用量持續上升，用戶的流動數據用量約為252 983太字節，或人均用量約33吉字節，按年增加16%。

本地流動網絡營辦商一直積極擴展第五代（5G）網絡。時至今日，5G網絡已覆蓋所有人口稠密的地區、各大型商場及港鐵站。香港現有約880萬5G用戶，相等於超過116%的本港人口，可見高速流動網絡連接對於滿足全港市民的需要至關重要。5G的廣泛應用為各行各業發展創新應用和新商機奠定基礎。



I am pleased to present the 2024/25 Trading Fund annual report prepared by OFCA. This report provides an overview of how Hong Kong's communications market has been performing, highlights our key progress and achievements over the past year, as well as outlines the steps we have taken to support further development in the communications sector.

## Market Overview

Over the past year, Hong Kong's communications sector continued to perform well. Despite a complex and changing economic landscape, the industry stayed strong and robust, reflecting its resilience and ability to navigate challenges as the broader economy made steady progress.

### Telecommunications Market

Hong Kong has one of the most advanced and competitive mobile service market in the



5G的廣泛覆蓋支援多元化的創新應用，為香港各行各業帶來新商機。

An extensive 5G coverage supports a great variety of innovative applications and brings about new business opportunities to various sectors in Hong Kong.

### 截至2025年3月 As at March 2025

流動服務用戶  
Mobile Service Subscriptions

**27,807,759**

滲透率  
Penetration Rate

**360%**

流動數據用量（太字節）  
Mobile Data Usage (terabytes)

**252,983**

5G用戶  
5G Subscribers

**8,805,542**

world. As of March 2025, there were around 27.8 million mobile service subscriptions – equivalent to a penetration rate of almost 360%, one of the highest globally. Along with economic transformation, mobile data usage has kept increasing. Users consumed approximately 252 983 terabytes of mobile data, or about 33 GB per capita, marking a 16% increase year on year.

Local mobile network operators (MNOs) have been actively expanding their fifth generation (5G) networks. Today, 5G coverage reaches all populated areas, major shopping centres, and MTR stations. With around 8.8 million 5G subscribers, representing over 116% of the population, high-speed mobile connectivity has become essential to meeting the needs of Hong Kong people. This widespread adoption is paving the way for new innovative applications and business opportunities across various industries.

在固網寬頻服務方面，住戶滲透率一直高據97%以上，當中約87%的住戶連接光纖網絡。光纖技術是香港固定網絡的骨幹，為個人及企業提供快速可靠的互聯網接達。香港有超過71%的住戶使用高速寬頻服務，速度達每秒1吉比特或以上。

### 廣播市場

廣播業在2024／25年度亦保持穩步發展。本港觀眾可透過免費、收費和衛星電視服務，收看本港、中國內地（內地）和海外超過700條以多種語言廣播的電視節目頻道。此外，本港有14條本地電台節目頻道可供收聽。憑藉香港的地理優勢以及健全的通訊基礎設施，使香港繼續成為衛星廣播的地區樞紐。現時，香港有九家非本地電視節目服務持牌機構為亞太地區提供約150條衛星電視頻道。在政府的「開放天空」政策下，本港觀眾亦可收看約500條免費衛星頻道。

## 2024／25年度的主要工作回顧

以下是通訊辦在過去一年所推行的主要項目和措施的整體概況：

### 電訊服務

為支持不斷推陳出新的先進流動服務，通訊辦於2024年11月舉行了兩次頻譜拍賣，流動網絡營辦商投得850／900兆赫和2.3吉赫頻帶內110兆赫的頻譜，以及首次推出的6／7吉赫頻帶內300兆赫的頻譜，用作提供公共流動通訊服務。其中6／7吉赫頻帶頻譜可用作提供現有5G及未來第六代（6G）的流動服務，不僅使香港成為全球供應相關頻帶作6G發展的先行者，更體現了我們對流動通訊市場長遠發展的願景。6／7吉赫頻帶頻譜已於2025年3月指配，而850／900兆赫和2.3吉赫頻帶頻譜將分別於

2026年5月及2027年3月現有指配期屆滿後重新指配。此外，通訊辦於2024年8月以行政方式指配26／28吉赫頻帶內1 200兆赫的頻譜予流動網絡營辦商，用作提供5G或更先進的流動服務。

通訊辦亦一直密切留意全球及區域性的頻譜規劃趨勢，以緊貼國際發展。通訊辦會繼續跟進國際電信聯盟（國際電聯）在2023年舉行的世界無線電通信大會上指定多段頻帶的使用，以確保香港的頻譜編配可配合不同無線電通訊服務的發展。



通訊辦職員在地盤為移動無線電系統進行檢測。

Staff members of OFCA conducting an inspection on a mobile radio system in a construction site.

為支持各流動網絡營辦商擴展其5G網絡，通訊辦一直協助營辦商在政府場所及公眾設施（例如電話亭、巴士站及智慧燈柱）安裝無線電基站（基站），當中一項主要政策里程碑是《2024年電訊（修訂）條例》於2024年2月獲立法會通過。有關修訂將有助流動網絡營辦商進入新建及重建的建築物（包括商業、工業、住宅和旅館）內的預留空間，以裝設和維持流動通訊設施。新要求已於2024年10月1日生效，適用於2025年4月1日起獲批准建築圖則的指明建築物。新建的政府建築物及公營房屋會跟從有關安排。上述安排有助進一步擴展和改善全港的流動網絡覆蓋及容量。



On the fixed broadband front, household penetration remained high at over 97%, with around 87% of these households connected via optical fibre. Fibre technology is the backbone of Hong Kong's fixed network, offering fast and reliable internet access for both individuals and businesses. Over 71% of households were using high-speed broadband services at speeds of 1 Gbps or above.

### **Broadcasting Market**

The broadcasting sector also maintained steady development in 2024/25. Viewers in Hong Kong could have access to over 700 local, Chinese Mainland (the Mainland) and overseas TV programme channels in multiple languages, available through free-to-air, pay and satellite TV services. There are also 14 local radio programme channels available. Thanks to Hong Kong's strategic location and robust communications infrastructure, the city continues to serve as a regional hub for satellite broadcasting. Currently, nine non-domestic television programme service licensees are operating around 150 satellite TV channels across the Asia-Pacific region. Under the Government's Open Sky Policy, local audiences can also access about 500 free satellite channels.

### **Highlights of Our Work in 2024/25**

Below is an overview of the key initiatives and measures of OFCA over the past year:

#### **Telecommunications Services**

To support the continued rollout of advanced mobile services, two spectrum auctions were held in November 2024 with 110 MHz of spectrum in the 850/900 MHz, and 2.3 GHz bands, and 300 MHz of spectrum in the newly introduced 6/7 GHz band acquired by MNOs for the provision of public mobile communications services. The release of spectrum in the 6/7 GHz band, which is suitable for the deployment of

current 5G and future sixth generation (6G) mobile services, not only made Hong Kong the global first mover in the release of relevant frequency band for 6G development, but also demonstrated our vision for the long-term development of the mobile market. The spectrum in the 6/7 GHz band was assigned in March 2025, while the spectrum in the 850/900 MHz and 2.3 GHz bands will be re-assigned when current assignments expire in May 2026 and March 2027 respectively. In addition, OFCA administratively assigned another 1 200 MHz of spectrum in the 26/28 GHz band to MNOs in August 2024 for provision of 5G or more advanced mobile services.

OFCA is also closely monitoring global and regional trends in spectrum planning to stay aligned with international developments. OFCA continues to follow up on the use of various frequency bands identified at the 2023 World Radiocommunication Conference held by the International Telecommunication Union (ITU), ensuring the allocation for different radiocommunications services in Hong Kong.

To support MNOs to expand their 5G networks, OFCA has been facilitating the installation of radio base stations (RBSs) at government premises and public facilities such as phone kiosks, bus stops, and smart lamp posts. A major policy milestone was the enactment of the Telecommunications (Amendment) Ordinance 2024 in February 2024. This facilitates MNOs' access to reserved space in new and redeveloped buildings – commercial, industrial, residential, and hotels – for installation and maintenance of mobile communications facilities. The new requirement took effect on 1 October 2024 and will apply to specified buildings with building plans approved from 1 April 2025 onwards. New government buildings and public housing will follow suit. The arrangement will help further expand and improve the mobile coverage and capacity across the city.

為提升大型公眾活動場地的5G效能，通訊辦一直與流動網絡營辦商、場地營辦商和政府部門合作，簡化審批及安裝流程，迅速完成基站安裝工程。有關措施加強了中環海濱活動空間、香港體育館、香港會議展覽中心、亞洲國際博覽館、維多利亞公園及啟德體育園等主要場地的5G服務。在安裝基站後，5G網絡容量得以提升，並確保參與大型活動的用戶能體驗更順暢的網絡連接。



通訊辦職員於啟德體育園壓力測試期間在青年運動場監察無線電頻譜和5G網絡表現。

Staff members of OFCA monitored radio spectrum and 5G performance at the Youth Sports Ground during the stress test of Kai Tak Sports Park.

未來將會有更多頻譜支援5G及更先進流動服務（包括6G）的發展，而2025年第四季將舉行另一場拍賣，以提供2.5/2.6吉赫頻帶內合共50兆赫的頻譜。流動網絡營辦商可繼續受惠於2024年1月生效的《2024年稅務（修訂）（關於頻譜使用費的稅項扣除）條例》，就頻譜使用費獲得全額稅務扣除。有關措施旨在確保香港具備更好的條件支持更先進及更廣泛的通訊科技應用。

2024/25年度的另一個重點項目是籌備在《2023年施政報告》公布的擴展5G網絡至鄉郊及偏遠地區資助計劃，以進一步加強鄉郊及偏遠地區的流動網絡基建。通訊辦已就推出擴展5G網絡至鄉郊及偏遠地區資助計劃的建議框架及選址完成業界和地區諮詢。在獲立法會批准相關撥款後，通訊辦將於2025年分階段推展資助計劃，並預計新的基站可於計劃推出後的四年內完成建設並投入服務，以提升當區市民的生活質素和保障鄉郊活動的安全性。

此外，自2019年起，通訊辦推行擴展光纖網絡至偏遠地區鄉村資助計劃，總開支預算達港幣7.7億元。截至2025年3月為止，235條鄉村當中逾220條已有光纖網絡接達。通訊辦會繼續監察進度，確保所有目標鄉村均能夠在2026年或之前連接光纖網絡。

為回應公眾對電話詐騙的關注，通訊辦一直與警方和電訊服務供應商（電訊商）緊密合作，並於2022年9月成立工作小組，以制定和實施一系列打擊電話詐騙的技術措施。與此同時，我們也統籌公眾教育工作。在2024/25年度推出的其中一項重點新措施是為本地新啟動的流動電話儲值卡打出的電話播放話音提示。業界已成功實施措施，並配合現行的保障措施，例如攔截源自境外以「+852」開首的可疑來電、在此等來電被接通前發送語音或文字訊息提示，以及暫停涉及以可疑模式致電或發送短訊的本地號碼的服務等。截至2025年3月，電訊商已攔截約530萬個「+852」可疑來電、暫停約140萬個本地號碼、發出超過3 000萬個針對「+852」來電的提示，以及1 480萬個針對新啟動流動電話儲值卡來電的提示。



由2024年12月31日起，當本地流動及固網服務用戶接聽由本地新啟動流動電話儲值卡打出的電話時，流動服務供應商會在電話接通前，先播放以粵語及普通話讀出的話音提示「來電由新儲值卡打出」，以協助市民防範可疑來電。

From 31 December 2024 onwards, when local mobile and fixed services users answer calls from newly activated local pre-paid SIM cards, mobile service providers will first play a voice alert message stating "This call is made from a new pre-paid SIM card", in Cantonese and Putonghua, before the call is connected, in order to assist the public in staying vigilant to suspicious calls.



To boost 5G performance at major public event venues, OFCA has been working with MNOs, venue operators, and government departments to streamline the approval and installation procedures to facilitate prompt installation of RBSs. These efforts have already enhanced 5G services at key locations including the Central Harbourfront Event Space, Hong Kong Coliseum, Hong Kong Convention and Exhibition Centre, AsiaWorld-Expo, Victoria Park and Kai Tak Sports Park. These installations enhance 5G network capacity and ensure smoother connectivity for users participating in large-scale events.

Looking ahead, more spectrum will be made available to support the development of 5G and more advanced mobile services (including 6G), with another auction involving a total of 50 MHz in the 2.5/2.6 GHz band to be held in the fourth quarter of 2025. MNOs will continue to benefit from full tax deductions on spectrum utilization fees under the Inland Revenue (Amendment) (Tax Deductions for Spectrum Utilization Fees) Ordinance 2024, which came into effect in January 2024. These efforts aim to ensure that Hong Kong is better placed to support more advanced and wider applications of communications technology.

Another major project in 2024/25 is the preparatory work of the Subsidy Scheme to Extend 5G Coverage in Rural and Remote Areas, which was announced in the 2023 Policy Address to further enhance the mobile network infrastructure in rural and remote areas. OFCA completed the industry and district consultations on the proposed framework and site locations under the scheme. Following funding approval by the Legislative Council (LegCo), OFCA will launch the scheme in 2025 in phases, with new RBSs installation completed and put into service within four years after launching the scheme, thus improving the quality of life of the people and safeguarding the safety of activities in rural and remote areas. Besides, OFCA has been implementing the Subsidy Scheme to Extend Fibre-based Networks to Villages in Remote Areas, with a total budget of HK\$770 million since 2019. As of March 2025, over 220 out of 235 villages have already been connected by

fibre. OFCA will keep on monitoring the progress to ensure that all the targeted villages will be connected by 2026.



通訊辦職員聯同流動網絡營辦商及其他政府部門代表實地視察郊野公園內的流動網絡設施。

Staff members of OFCA together with representatives of mobile network operators and other government departments conducting site survey on country parks' mobile network facilities.

To address the public concerns on phone scams, OFCA has been working closely with the Police and telecommunications service providers (TSPs) through the establishment of a working group in September 2022 to devise and implement a variety of technical measures to combat phone scams while at the same time coordinated public education efforts. One of the key new initiatives introduced in 2024/25 was the introduction of voice alerts for calls made from newly activated local prepaid SIM (PPS) cards. This measure was successfully rolled out by the industry and complemented existing safeguards, such as blocking suspicious +852 calls originating from outside Hong Kong, issuing voice or text alerts before such calls are received, and suspending services for local numbers that show suspicious calling or messaging patterns. As of March 2025, TSPs had blocked around 5.3 million suspicious +852 calls, suspended about 1.4 million local numbers, and issued over 30 million alerts for +852 calls and 14.8 million alerts for calls from newly activated PPS cards.

通訊辦於2023年12月推出短訊發送人登記制，以協助市民識別短訊發送人的身分。在登記制下，所有「已獲認證的發送人」在發出短訊予本地流動用戶時，必須使用以「#」號開頭的「發送人名稱」。自2024年2月起，登記制開放予各行業加入。截至2025年3月，已有超過490家機構，包括電訊商、銀行及77個政府部門和法定組織加入登記制。通訊辦會繼續鼓勵各界廣泛參與，以提升短訊的安全性和可信度，合力為市民提供更佳保障。



截至2025年3月，已有超過490家機構參與短訊發送人登記制。

As at March 2025, more than 490 organisations have joined the SMS Sender Registration Scheme.

為進一步減少營銷電話可能造成的不便，通訊辦與業界持份者合作，透過優化後的「營銷電話行業規管計劃」實施行業自我規管。優化安排包括要求電話營銷者按接電者的要求提供其姓名及聯絡電話，以及限制在指定時間內向同一個電話號碼撥打電話的次數。自2024年6月起，來自七個行業（包括金融、保險、電訊、電話中心、美容、地產代理及放債人行業）的12個商會已參與計劃，並分別發出實務守則。



商務及經濟發展局聯同通訊辦於2024年6月26日舉行「優化營銷電話行業規管計劃啟動禮」。商務及經濟發展局局長丘應權先生和通訊事務總監梁仲賢先生與其他主禮嘉賓及相關商會代表合照。

The Commerce and Economic Development Bureau and OFCA jointly hosted the Launch Ceremony of the Enhanced Industry Regulatory Scheme for Marketing Calls on 26 June 2024. Mr Algernon Yau, Secretary for Commerce and Economic Development, and Mr Chaucer Leung, Director-General of Communications, posed for a group photo with other officiating guests and representatives of trade associations.

### 支持低空經濟發展

低空經濟是指於1 000米以下空域進行的經濟活動，現正在不同領域如空中監察、地形勘測及物流等創造新的可能性。根據《2024年施政報告》，政府已成立「發展低空經濟工作組」（工作組），以制訂發展策略和跨部門工作計劃，並先以低空經濟應用為起動項目。通訊辦正積極參與「工作組」的相關工作，並從電訊角度為低空經濟的發展提供支援。

### 保護電訊業及廣播業的關鍵基礎設施

立法會於2025年3月19日通過《保護關鍵基礎設施（電腦系統）條例草案》。該條例旨在加強關鍵基礎設施的網絡安全，其涵蓋範圍包括電訊業及廣播業，條例亦指明通訊事務管理局（通訊局）為指定當局，負責監管關鍵基礎設施營運者在該條例下的相關責任。該條例將於2026年1月1日生效，通訊辦會就條例的實施為通訊局提供支援，以確保電訊業和廣播業均妥善履行相關法定責任，保障兩個行業的關鍵基礎設施安全。



OFCA launched the SMS Sender Registration Scheme in December 2023 to help the public verify the identity of SMS senders. Under this scheme, all Registered Senders have to use a sender ID with the prefix “#” when sending SMS messages to local mobile users. Starting from February 2024, the scheme has been open to all sectors for application. As of March 2025, more than 490 organisations – including TSPs, banks, and 77 government departments and statutory bodies – have joined the scheme. OFCA will continue to encourage wider participation to improve the security and credibility of SMS and provide better protection to members of the public.

To further minimise the inconvenience that may be caused by marketing calls, OFCA has worked with industry stakeholders to implement self-regulation through the enhanced Industry Regulatory Scheme for Marketing Calls. The enhancement includes requiring telemarketers to provide their names and contact numbers upon recipients’ requests, as well as limiting the number of calls made to the same number within a specific timeframe. Since June 2024, twelve trade associations from seven sectors, including finance, insurance, telecommunications, call centres, beauty, estate agencies, and money lenders, have joined the scheme and issued their respective code of practice.

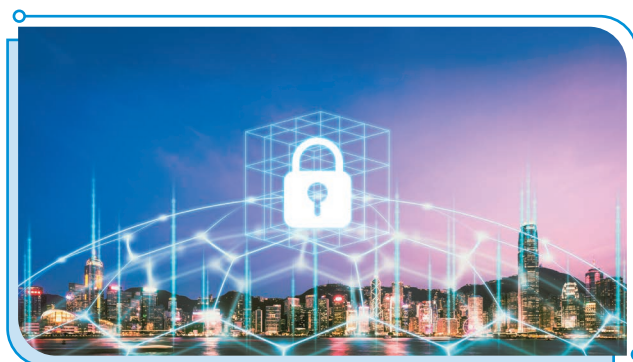
### ***Support on Development of Low-altitude Economy***

The low-altitude economy (LAE), which refers to economic activities taking place in airspace below 1 000 metres, is creating new possibilities in areas such as aerial surveillance, terrain mapping and logistics. Under the 2024 Policy Address,

the Government has established the Working Group on Developing LAE (WG) to formulate development strategies and inter-departmental action plans, starting with projects on low-altitude applications. OFCA actively participated in the WG and contributed from the telecommunications perspective to support the development of LAE.

### ***Protection of Critical Infrastructure in Telecommunications and Broadcasting Sectors***

The LegCo passed the Protection of Critical Infrastructures (Computer Systems) Bill on 19 March 2025. The Ordinance aims to strengthen cybersecurity for critical infrastructure, among which, telecommunications and broadcasting sectors have been covered under the Ordinance with Communications Authority (CA) being specified as a designated authority to oversee the relevant obligations of the critical infrastructure operators under the Ordinance. OFCA will support CA on the implementation of the Ordinance which will take effect on 1 January 2026 to ensure that the telecommunications and broadcasting sectors would properly discharge the relevant statutory obligation to protect critical infrastructure in both sectors.



### 簡化申請營辦低軌衛星牌照的審批流程

另外，《2024年施政報告》公布，政府會研究簡化申請營辦低軌衛星牌照的審批流程，目的是提升香港在全球衛星通訊市場的吸引力及競爭力。《2025至26年度財政預算案》亦提及商務及經濟發展局（商經局）已在通訊辦協助下進行研究，相關工作會在2025年完成。

### 廣播服務

為了解公眾收看和收聽習慣的變化，並收集他們對電視節目服務和聲音廣播服務的意見，通訊辦於2024年進行了廣播服務意見調查。調查結果已於2025年2月公布，將為通訊局提供有用的參考資料，有助處理將在2027年及2028年牌照屆滿的主要電視及聲音廣播機構的牌照續期申請。

在2024／25年度，通訊辦支援通訊局為三家本地免費電視節目服務（免費電視）持牌機構的牌照續期展開準備工作。三家持牌機構分別為香港電視娛樂有限公司（香港電視娛樂）、有線寬頻開電視有限公司（有線寬頻開電視）及電視廣播有限公司（無綫電視），其牌照有效期將於2027年3月至2028年5月陸續屆滿。通訊局會對各家持牌廣播機構的過往表現作詳細評估，然後向行政長官會同行政會議就牌照續期提交建議。

### 未來的主要挑戰

在廣播方面，通訊辦將全力支援通訊局就香港電視娛樂、有線寬頻開電視及無綫電視的免費電視牌照展開續期工作，當中包括於2025年第三季就三家免費電視持牌機構服

務展開綜合公眾諮詢。通訊辦亦將協助通訊局對持牌機構的過往表現及續牌計劃作評估。通訊局會於2026年3月或之前向行政長官會同行政會議就牌照續期提交建議。

在電訊方面，通訊局與商務及經濟發展局局長於2025年4月1日就重新指配2.5／2.6吉赫頻帶內50兆赫的頻譜及相關頻譜使用費發出聯合聲明後，通訊辦會協助通訊局於2025年第四季就是次重新指配進行頻譜拍賣。

《2024年電訊（修訂）條例》生效後，通訊辦會繼續協助通訊局處理根據經修訂《電訊條例》（第106章）（《電訊條例》）第14條批出授權的事宜。我們亦會與屋宇署及其他相關政府部門緊密合作，以確保新安排能夠一致地實施。

為配合政府擴展鄉郊及偏遠地區的流動網絡基礎設施的政策，通訊辦會於2025年7月推出擴展5G網絡至鄉郊及偏遠地區資助計劃。該計劃獲撥款約港幣1.5億元，以資助流動網絡營辦商在約50個地點，包括郊野公園、離島及其他鄉郊及偏遠地區設置新的基站。通訊辦會密切監察計劃的實施情況，以期在四年內讓所有基站投入服務。



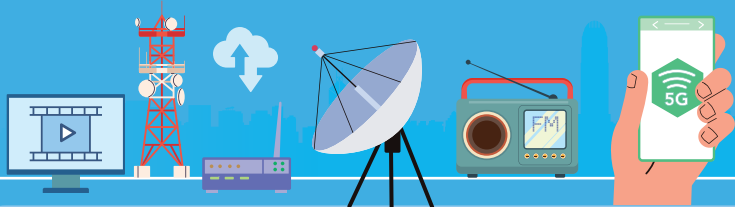
通訊辦職員正在討論無線電頻譜的規劃。

Staff members of OFCA having a discussion on spectrum planning.



通訊辦職員就擴展光纖網絡至偏遠地區鄉村資助計劃下安裝的光纖電纜進行驗收工作。

Staff members of OFCA carrying out an inspection on the optical fibre cables installed under the Subsidy Scheme to Extend Fibre-based Networks to Villages in Remote Areas.



## Streamlining the Vetting Procedures of Licence Applications for Operating Low Earth Orbit Satellites

Separately, the 2024 Policy Address announced that the Government would conduct a study on streamlining the vetting procedures of licence applications for operating Low Earth Orbit (LEO) satellites. The aim is to enhance Hong Kong's attractiveness and competitiveness in the global satellite communications market. The 2025-26 Budget further elaborated that OFCA has been assisting the Commerce and Economic Development Bureau (CEDB) in completing the study within 2025.

## Broadcasting Services

To track changes in the viewing and listening habits of the public and gauge their views on television programme services and sound broadcasting services, OFCA commissioned a broadcasting service survey in 2024. The results, released in February 2025, will serve as a useful reference for CA in processing licence renewal applications from major TV and sound broadcasters whose licences are due to expire in 2027 and 2028.

In 2024/25, OFCA supported CA in preparing for the licence renewal exercise of the three domestic free television programme service (free TV) licensees – HK Television Entertainment Company

Limited (HKTVE), i-CABLE HOY Limited (i-CABLE HOY), and Television Broadcasts Limited (TVB). These licences are due to expire between March 2027 and May 2028. CA will carry out a detailed assessment of each licensee's performance before submitting its recommendations to the Chief Executive in Council (CE in C) for consideration.

## Major Challenges Ahead

On the broadcasting front, OFCA will be rendering full support to CA in conducting the licence renewal exercises for the free TV licences of HKTVE, i-CABLE HOY and TVB. Amongst others, CA will conduct a consolidated public consultation exercise for the three free TV licensees in the third quarter of 2025. OFCA will also assist CA in evaluating the past performance of the licensees and their future plans. CA's recommendations will then be submitted to CE in C by March 2026.

On the telecommunications front, following the joint statement issued by CA and the Secretary for Commerce and Economic Development on 1 April 2025 regarding the re-assignment of 50 MHz of spectrum in the 2.5/2.6 GHz band and the related spectrum utilization fee, OFCA will support CA in conducting a spectrum auction for this re-assignment in the fourth quarter of 2025.

After the enactment of the Telecommunications (Amendment) Ordinance 2024, OFCA will continue to support CA in administering authorisations under the amended section 14 of the Telecommunications Ordinance (Cap. 106) (TO). We will also work closely with the Buildings Department and other relevant government departments to ensure unified implementation of the new arrangement.

To support the Government's initiative to expand mobile network infrastructure in rural and remote areas, OFCA will launch the Subsidy Scheme to Extend 5G Coverage in Rural and Remote Areas in July 2025. With funding of around HK\$150 million, the scheme will subsidise MNOs to build new RBSs at about 50 locations, including country parks, outlying islands, and other rural and remote areas. OFCA will monitor the implementation closely, with the aim of having all RBSs in service within four years.



通訊辦為「社區參與廣播服務」的參加者舉行電台節目標準促進講座。

OFCA giving a facilitation talk on radio programme standards for participants of Community Involvement Broadcasting Service.

電話智能卡實名登記制（實名登記制）已於2023年2月全面實施。由2024年10月1日起，電訊商開始採用「智方便」作為香港身份證持有人的預設登記方式，令登記程序更為安全和方便。通訊辦現正支援商經局檢討實名登記制的實施，以期將相關法例修訂建議提交立法會審議。我們亦會視乎立法建議修訂相關指引、舉辦相關宣傳活動，以及與執法機關和電訊商緊密合作，以確保優化後的實名登記制順利實施。



市民可採用「智方便」於電訊商的網上登記平台進行實名登記。

Members of the public can complete real-name registration on TSPs' online registration platforms through "iAM Smart".

通訊辦會繼續打擊詐騙電話及短訊方面的工作。除了監察實名登記制及短訊發送人登記制的有效實施外，我們亦會繼續與警方及電訊業界合作，並與其他經濟體系的規管機構交流經驗，以加強現有措施及引入新措施，從而進一步保障電訊服務用戶免受詐騙。

為支持低空經濟的發展，通訊辦會繼續積極參與工作組的相關工作，並從電訊角度提供意見。此外，通訊辦亦會密切留意內地及世界各地電訊市場的發展，尤其是專供無人機系統使用的頻譜的情況，以確保本港的頻譜規劃與內地和其他先進經濟體系一致，從而促進低空經濟活動在香港的發展。

為引領和推動下一代通訊技術及應用，通訊辦將於2025年5月協助通訊局在香港舉辦6G全球高峰會，標誌著該高峰會首次在亞太區舉行。通訊辦會繼續參與相關的國際論壇，以突顯香港作為區域通訊樞紐的地位，並展示香港在先進電訊發展方面的成就，在國際舞台上說好香港故事。

總括而言，儘管通訊辦在2024／25年度工作繁重，這亦是對通訊辦碩果豐盛的一年。我們能夠把一系列的工作計劃如期完成，顯示同事們對工作的堅定承擔和專業精神，以及服務市民的熱忱。我亦想藉此機會衷心感謝通訊局主席和各委員的指導，以及各持牌機構一直以來的支持。全賴他們多方面的努力配合，使我們各項規管目標一一達成。展望未來，通訊辦會致力為通訊局提供支援，與通訊業界攜手同行，合力推動通訊市場興旺及蓬勃發展，並繼續以公眾利益為大前提以鞏固香港作為區域內著名通訊樞紐的地位。





The Real-name Registration Programme for Subscriber Identification Module (SIM) Cards (RNR Programme) was fully implemented in February 2023. From 1 October 2024, TSPs began using “iAM Smart” as the default registration method for Hong Kong identity card holders, making the process more secure and convenient. OFCA is providing support to CEDB in reviewing the implementation of the RNR Programme, with a view to introducing the relevant legislative amendments into LegCo for scrutiny. Subject to the legislative proposals, we will also revise the relevant guidelines, mount the publicity campaign as well as work closely with the enforcement agencies and TSPs to ensure smooth implementation of the strengthened RNR Programme.

Combating fraudulent calls and messages is an ongoing task for OFCA. Apart from overseeing the effective implementation of the RNR Programme and the SMS Sender Registration Scheme, we will continue to work with the Police and the telecommunications industry, as well as exchange experiences with regulators in other economies, to enhance existing measures and introduce new ones with a view to better protecting telecommunications service users from deception.

To support the development of LAE, OFCA will continue to actively participate in the WG, contributing from the telecommunications perspective. Besides, OFCA will closely monitor developments in the telecommunications market of the Mainland and worldwide, particularly in relation

to the use of dedicated spectrum for unmanned aircraft systems, to ensure that spectrum planning in Hong Kong aligns with the Mainland and other advanced economies, thereby promoting the development of LAE activities in Hong Kong.

To lead and promote next generation communications technology and applications, OFCA will assist CA in hosting the 6G Global Summit in Hong Kong in May 2025, marking the first Summit to be held in the Asia-Pacific region. OFCA will continue to take part in the relevant international forums for highlighting Hong Kong’s role as a regional communications hub, showcasing the city’s achievements in advanced telecommunications development and telling the good stories of Hong Kong on the global stage.

All in all, despite the heavy workload in 2024/25, it was once again a rewarding year for OFCA. We successfully completed the long list of tasks as planned, reflecting the strong commitment and professionalism of our colleagues, as well as their dedication to serving the public. I would also like to take this opportunity to express my heartfelt gratitude for the guidance of the Chairman and Members of CA, and for the continued support from our licensees. Their contributions have been vital in helping us meet our regulatory objectives. Looking ahead, OFCA is committed to supporting CA and working hand in hand with the communications industry to foster a vibrant and prosperous communications market – one that continues to serve the public interest and reinforces Hong Kong’s position as a renowned communications hub in the region.