

Latest Progress on the Subsidy Scheme for Encouraging Early Deployment of 5G

Telecommunications Users and Consumers Advisory Committee
30 June 2022



Background

- The Office of the Communications Authority (OFCA) introduced the Scheme to the committee in the meeting in July 2022
- This document serves to report the latest progress of the Scheme to the committee



Subsidy Scheme

- The Scheme launched under the second round of Anti-epidemic Fund aims to encourage various sectors, through the provision of financial incentives, to have early deployment of 5G technology
 - to foster innovation and smart city applications
 - to improve efficiency of operations and quality of services
 - to enhance Hong Kong's overall competitiveness
- The Government increased funding earmarked from \$50 million to **\$100 million** in July 2021
- Subsidise 50% of the actual costs, cap at \$500,000 for each approved project



Subsidy Scheme

Application must fulfil all of the following requirements

5G technology must be deployed and is the primary enabler in the project

Substantive benefits
(in comparison to 3G/4G technologies)

Innovation
or
cross-sectoral synergy*

Submission of completion report and audited accounts to OFCA within two months upon project completion or by 31 August 2023, whichever is earlier

* A project with general use of 5G devices and services will not be considered as demonstrating any innovative or cross-sectoral synergy

Latest Status



As of 1 June 2022
Approved projects : 141



The deadline for application has been extended to 31 December 2022 or until the subsidy is exhausted (whichever is earlier)

Aspects of Approved Projects and Applications

Design

Augmented reality (AR) based Interior design



Event, conference and exhibitions

AR/virtual reality (VR) communication system, 4K / hologram live streaming system



Construction

Construction site management and support, building material delivery



Fire / noise detection, construction site facilities



3D modelling for underground works

e-Sports, entertainment and recreation

Remote e-sports car racing, live streaming broadcast for performances / events / news / gaming tournaments / live streaming



Artificial intelligence (AI) based sport training



Mixed reality based running event, athletes tracking / bio-data monitoring



AR based remote travel

Environmental protection

Smart recycling Machines, slope / tunnel and air-quality monitoring system



Logistics

Remote-controlled rubber-tired gantry cranes



Finance

Virtual trading desk



Education

AR / VR based teaching, remote teaching, special education, smart farming for STEM education



Aspects of Approved Projects and Applications

Sales and marketing

Real-time online sales

Real-time online auction

Customer traffic flow analysis



Telecommunications

Radio base station inspection,

AR-assisted facility locating



Property and building facilities management

Car park / public area management

Remote technical support, concierge / patrol / advertisement robot



AI based security system

Medical, healthcare and public health

Remote consultation and Training for surgical operation

Insecticide / disinfectant spraying robot, robotic bio-data monitoring

Remote medical support, assistive technology for visually impaired, remote medical diagnosis



Repair, maintenance and monitoring

Real-time monitoring system, drone system

Remote repair system / technical support



Textile

Real-time display of fabric samples

Transport

Real-time detection of unauthorised access to tunnel restricted area



Agriculture, forestry and fisheries

Real-time remote monitoring, smart fish farming



Examples of Approved Projects

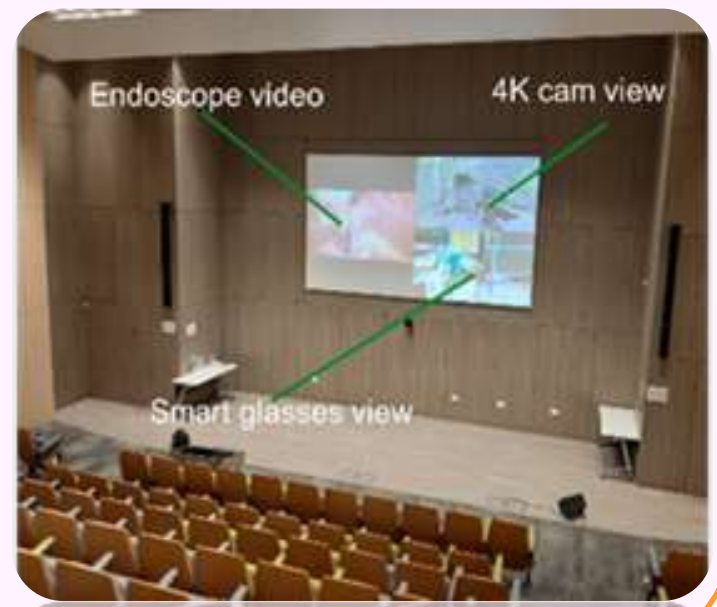
Cover innovative applications in various sectors, such as construction site management system, remote medical training and consultation, 4K live broadcast solution for orchestra and cloud-based AI wildfire detection system, setting examples for the ubiquitous deployment of 5G

Construction Site Management System



Examples of Approved Projects

Remote Medical Training and Consultation



Examples of Approved Projects

4K Live Broadcast Solution for Orchestra



Examples of Approved Projects

Cloud-based AI Wildfire Detection System



Experience Sharing

- Experience-sharing seminar was held in April 2021, which showcased the applications subsidized by the Scheme



Details of the Scheme

For details of the Scheme, please refer to application guidelines and frequently asked questions at -

www.ofca.gov.hk/5g-subsidy



Thank You

