

Subsidy Scheme for Encouraging Early Deployment of 5G

Telecommunications Regulatory Affairs Advisory Committee
11 June 2021



Introduction to the Subsidy Scheme

- On 5 May 2020, Office of the Communications Authority (OFCA) launched the Subsidy Scheme under **the second round of Anti-epidemic Fund**
- Application period : **5 May 2020 – 31 May 2021**



Funding:

- **Around 100 projects will be subsidised**
- Subsidise 50% of actual costs, **cap at \$500,000 for each approved project**
- First come first serve

- Public and private entities / bodies are welcome to submit applications

Progress of the Subsidy Scheme



Experience Sharing Seminar
(29 April) at
Hong Kong Productivity Council

- 5 sponsored entities
- 4 MNOs

(as at 31 May 2021)

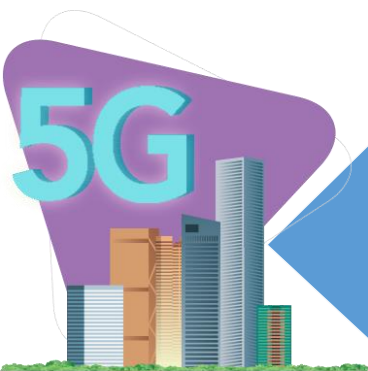
415 applications received

95 projects approved

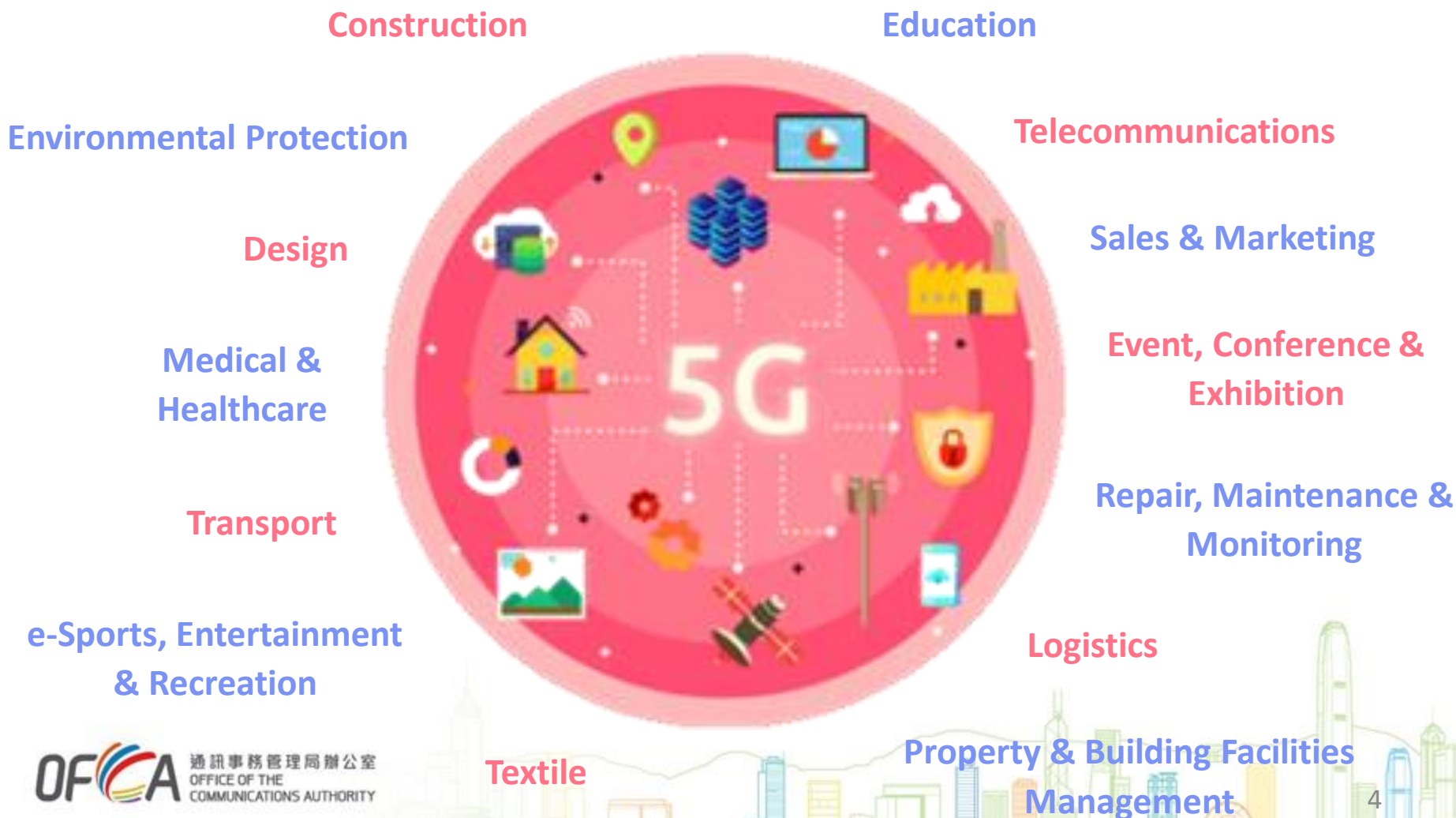


Deadline of Application

31 May 2021



Various Sectors with Projects Approved



Video about the Subsidy Scheme (produced by ISD)



Subsidised Applications – Example 1

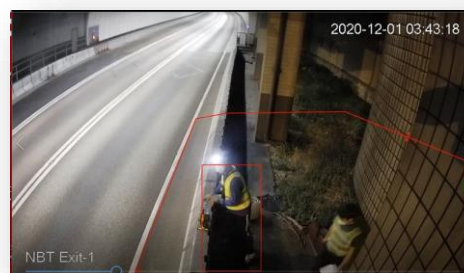
5G Detection of Unauthorised Access for Tai Lam Tunnel



Detection of Unauthorised Access for Tai Lam Tunnel

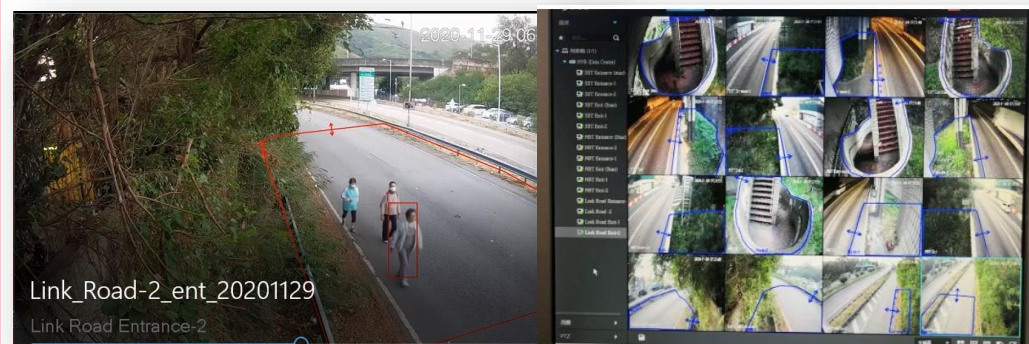


Motion detection cameras connected to a video analytics engine via 5G network



Suspicious objects are identified in the tunnel areas

Intrusion Alerts



Subsidised Applications – Example 2



Cloud-based AI Wildfire Detection System

5G-enabled cameras transmit real-time 4K video to a cloud server for image analysis for detecting wildfire and sending alerts



Source: <https://skypost.ulifestyle.com.hk/>
(Date: 2021/04/02)

**Wildfire occurred in
October 2020
near an animal
refuge located at
Tai Shu Ha,
Yuen Long**



**Volunteers were
summoned via social
media to help
relocating the
animals**

Source: <https://skypost.ulifestyle.com.hk/>
(from Facebook) (Date: 2021/04/02)

Subsidised Applications – Example 3

Remote Control of Repairing Robots

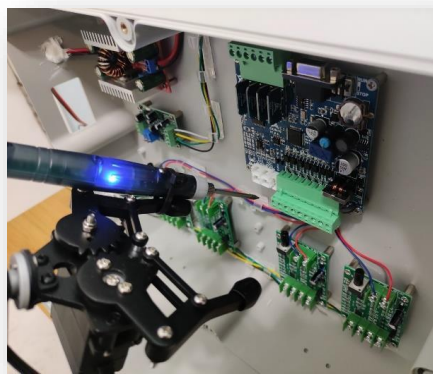
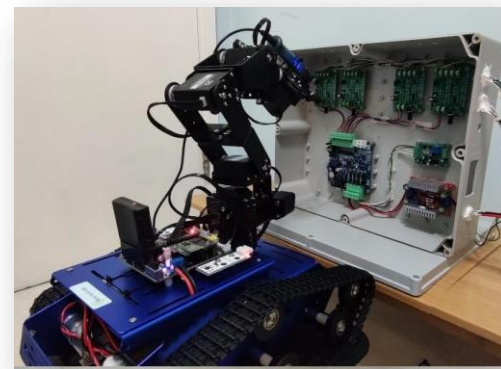
Off-site Controller



On-site Repairing Robots



High resolution images
from the robot
Repair commands
from the controller
Low latency enables
robot's prompt and
precise repair action



Conclusion

- Subsidy Scheme is well-received with applications of different varieties
- Encourages entities in different sectors to develop and adopt 5G solutions to improve operations



Subsidy Scheme has served its original objectives



Thank You

