政府資訊科技總監辦公室
Office of the Government Chief Information Officer

IT Innovation Lab in Secondary Schools
中學IT創新實驗室計劃

29 March 2021

Background

2014-15 Budget

ENRICHED IT PROGRAMME
資訊科技增潤計劃

2019-20 Budget

IT Innovation Lab in Secondary Schools
中學IT創新實驗室計劃

2021-22 Budget

"Knowing More About IT" Programme
奇趣IT識多啲

<u>Statistics of Applications from Schools and Current Approval Status</u>

No. of Schools Applied : 118
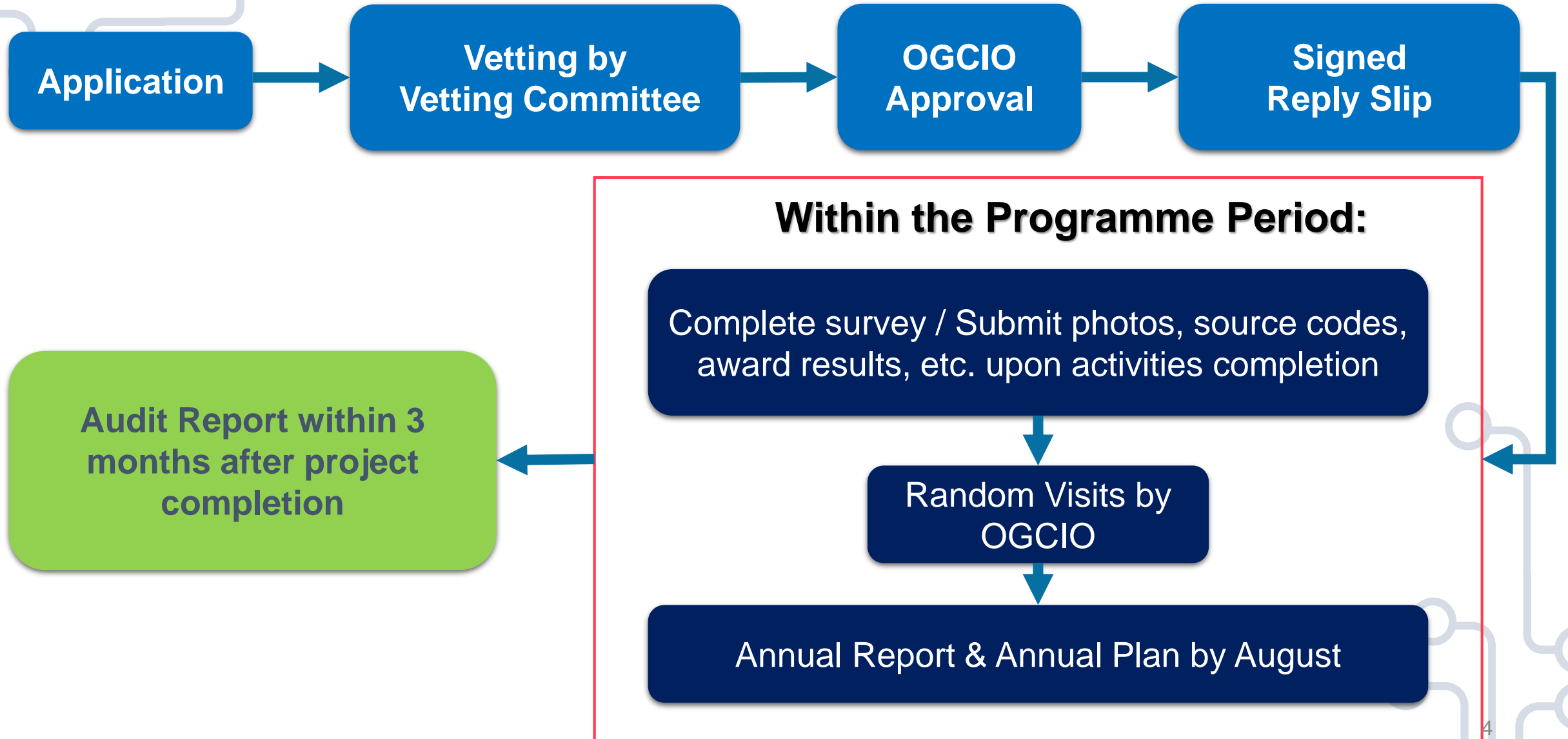
No. of Applications Received : 129 ($54 million)

No. of Approved Applications : 57 ($22 million)

No. of Applications Not Supported : 5 ($3 million)

Flow of Application

Application → **Vetting by Vetting Committee** → **OGCIO Approval** → **Signed Reply Slip**

Within the Programme Period:

Complete survey / Submit photos, source codes, award results, etc. upon activities completion

↓

Random Visits by OGCIO

↓

Annual Report & Annual Plan by August

Audit Report within 3 months after project completion

Examples of Activities & Equipment

Activity 1 :
- Workshops on **robotics coding** and **AR/VR**.
- IT Equipment : $190,000
  - Hardware (1 unit of PC/laptop, 5 units of smart phone, display panel) : $50,000
  - Hardware (robotic cars with accessories, cameras, VR goggles) : $90,000
  - Software: $40,000
  - Consumables: $10,000
- Operating Expenses : $20,000

Activity 2 :
- Workshops and exhibition on **AI** and **IoT coding**. Some students would attend competition.
- IT Equipment : $240,000
  - Hardware (20 units of PC/laptop): $200,000
  - Hardware (kit sets): $40,000
- Operating Expenses : $50,000

Activity 3 :
- Short courses/training and exhibition on **drone coding**. Some students would attend competition.
- IT Equipment
  - Hardware (programmable drones with accessories): $50,000
- Operating Expenses : $50,000

Examples of Applications Not Supported

The expenditure item is not directly related to or essential for implementing the proposed activity

✘ Upgrade of the whole school network infrastructure

✘ Setup of a physical STEM laboratory (furniture, power socket)

The activity is not directly related to the funding scope

✘ E-learning or life planning management system

The expenditure item is not cost-effective

✘ Costly computer servers, which could be replaced by subscription of cloud services

✘ Costly equipment, which could be replaced by rental of similar services in the market

Tips and Advice from Vetting Committee

✓ Proposed equipment should be necessary and directly related to the proposed IT activities

✓ The funding for the procurement of IT equipment, infrastructure and related services should not be more than $500,000 during the entire programme period

✓ Sustainability plans for hardware procured

✓ Make good use of cloud services available in the market instead of procuring hardware equipment

Next Speakers and Topics

Sponsorship Programmes

- **Ampower Talent Institute**
  - IT Talent Competition & Collaboration to Build POC Utilizing ABCD

- **Hong Kong New Emerging Technology Education Association**
  - 全港孕育資訊科技獎勵計劃

- **Hong Kong Wireless Technology Industry Association**
  - 中學生創新創意科技節

Sharing by Enriched IT Class (EITC) Partner School

- Shun Tak Fraternal Association Yung Yau College

Junior Police Call & Youth Liaison

- STEM-Up香港創新科技大賽

Knowing More About IT Programme

Target: All publicly-funded primary schools in Hong Kong

Objective:
- stimulate primary school students' interest in IT and strengthen their basic IT knowledge through ECAs
- enhance their interest to pursue the study of STEM subjects and preparing for integration into the digital society in the future

Scope:
- from 2021/22 to 2023/24
- funding grant of up to $400,000
  - *Operating grant* - professional services, operating services and technical support services, etc.
  - *One-off grant (max $200,000)* - hardware, software and equipment required for organising IT-related ECAs

Application process:
- Similar to IT Innovation Lab in Secondary Schools
- Commence in the next school year
- School briefings before summer break

Thank you

中學IT創新實驗室計劃

One-stop Support Centre

📞 **2116 9083**

@ it-lab@ogcio.gov.hk

🌐 https://www.it-lab.gov.hk