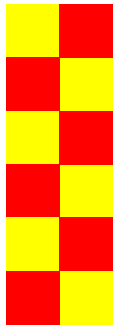




SCDF

The Life Saving Force

... for a safer Singapore



FSM Briefing 2023

Revised FC Inspection Regime

CPT Muhammad

Staff Officer

Fire Safety Department

Singapore Civil Defence Force





1 INTRODUCTION

2 FIRE CERTIFICATE (FC) SCHEME

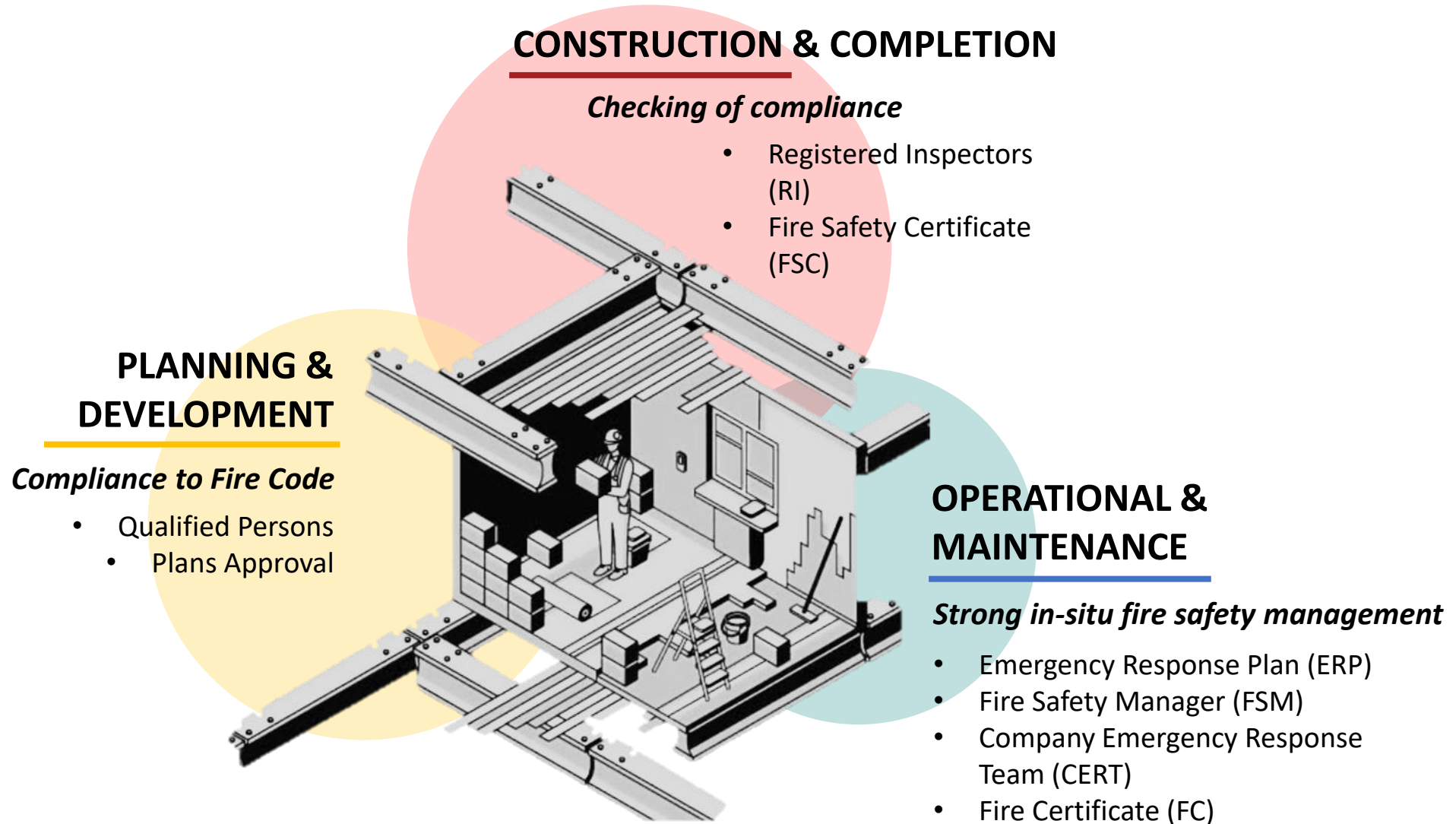
3 REVISED FC AUDIT INSPECTION REGIME

4 BENEFITS TO BUILDING OWNERS



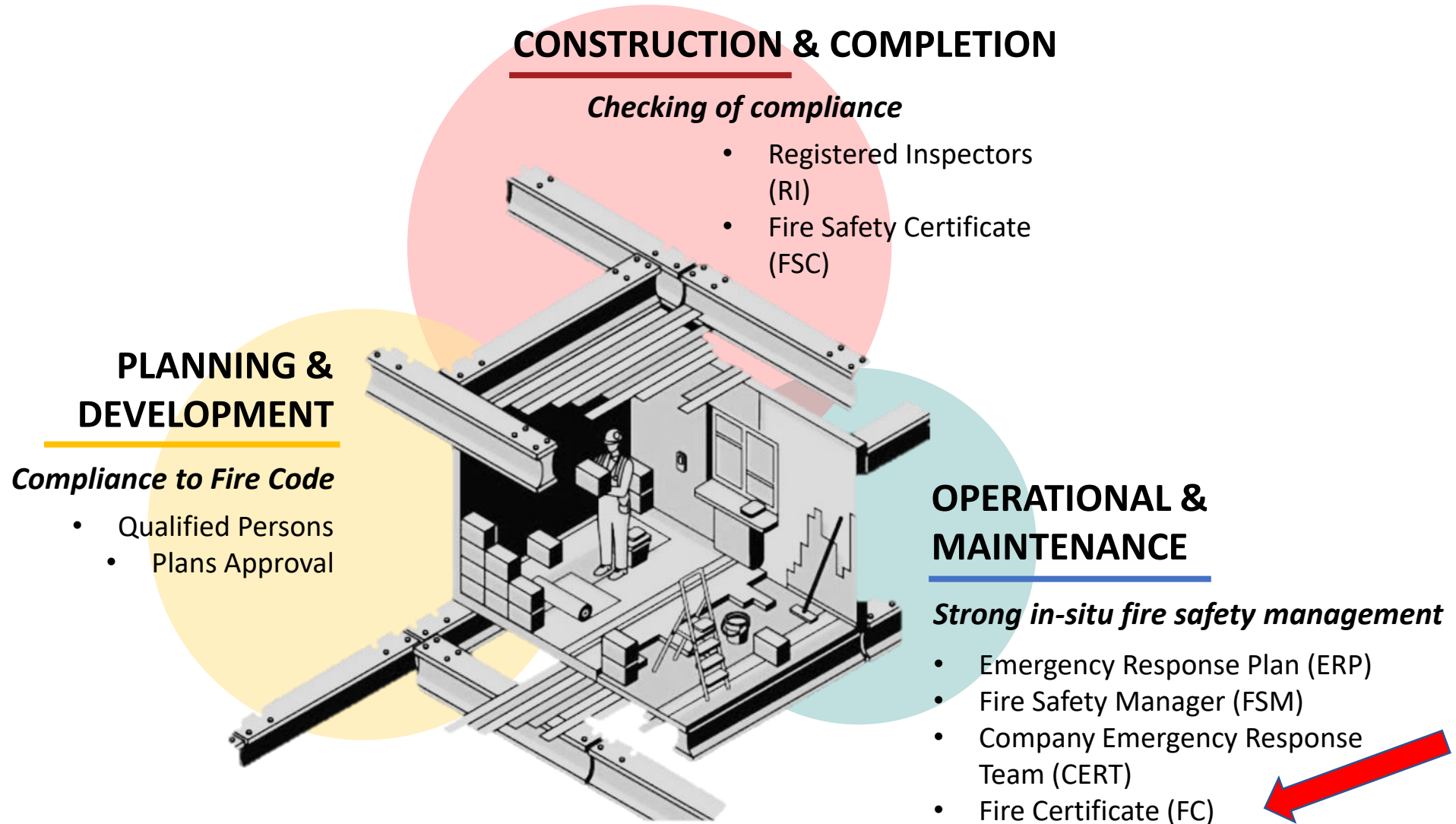
Introduction

FIRE SAFETY IN A BUILDING'S LIFE CYCLE



Introduction

FIRE SAFETY IN A BUILDING'S LIFE CYCLE



FIRE CERTIFICATE (FC) SCHEME - CRITERIA

1. Public Building (except for a residential building) that has an occupant load of more than 200 persons, other than
 - a serviced apartment with external corridors that comply with the requirements specified in Chapter 2 of the Fire Code;
 - a standalone carpark that complies with the requirements specified in Chapter 2 of the Fire Code; and
 - a hawker centre or wet market that is not fully enclosed on all sides.

2. An industrial building / a foreign dormitory that
 - Has an occupant load of 1,000 persons or more;
 - Has a floor area of site area² of 5,000 square metres or more; or
 - Has a habitable height of more than 24 metres.

3. A hospital



FIRE CERTIFICATE (FC) SCHEME - CRITERIA

4. A residential building that

- Has a habitable height of more than 24 metres;
- Is installed with
 - An automatic fire alarm system;
 - A sprinkler system; or
 - A wet riser system; and
- Is not used or intended to be used as an HDB flat

5. An engineered timber building (except a building that is used or intended to be used as an HDB flat) that is installed with any of the following:

- An automatic fire alarm system;
- An automatic sprinkler system;
- An automatic smoke control system;
- Any other automatic fire detection or suppression system intended to detect or control a fire automatically.



FIRE CERTIFICATE (FC) SCHEME - CRITERIA

6. A fully automated mechanized car park that is installed with a fire protection system and meets any of the following conditions:
- The total floor area of the car parking decks in the fully automated mechanized car park is more than 200 square metres;
 - The cubical extent of the fully automated mechanized car park (calculated in the manner prescribed in Chapter 9 of the Fire Code) is more than 1,400 cubic metres;
 - The parking height of the fully automated mechanized car park above ground (measured in the manner prescribed in Chapter 9 of the Fire Code) is more than 10 metres;
 - Where any part of the parking levels is below ground, the total parking height of the fully automated mechanized car park (measured in the manner prescribed in Chapter 9 of the Fire Code) is more than 14 metres;
 - There are more than 2 parking levels below ground.



FIRE CERTIFICATE (FC) SCHEME

- The FC scheme ensures that fire protection systems are properly maintained at the premises
- A Professional Engineer (PE) checks and certifies that the fire protection systems of the building are in working condition
- Upon successful application and approval, SCDF will issue the premises with a Fire Certificate



Singapore

6 building owners charged under Fire Safety Act for occupying premises without valid fire certificate



PREVIOUS FC AUDIT INSPECTION REGIME

- As part of the FC scheme, SCDF conducts audit inspection to ensure that the fire safety systems e.g. riser pumps, fire alarm systems, standby generator sets are in good working condition
- SCDF conducts the physical testing of the fire safety systems during the audit inspection e.g. checking of flowrate for riser systems
- SCDF schedules FC audit inspection with building owner after PE has completed his inspection of the fire safety systems within the premises



PREVIOUS FC AUDIT INSPECTION REGIME

FC application process

Building owner engages PE

PE conducts on-site testing of fire safety systems

Building owner submit necessary documents to SCDF

SCDF issues FC

SCDF audit inspection

SCDF selects premises for audit inspection

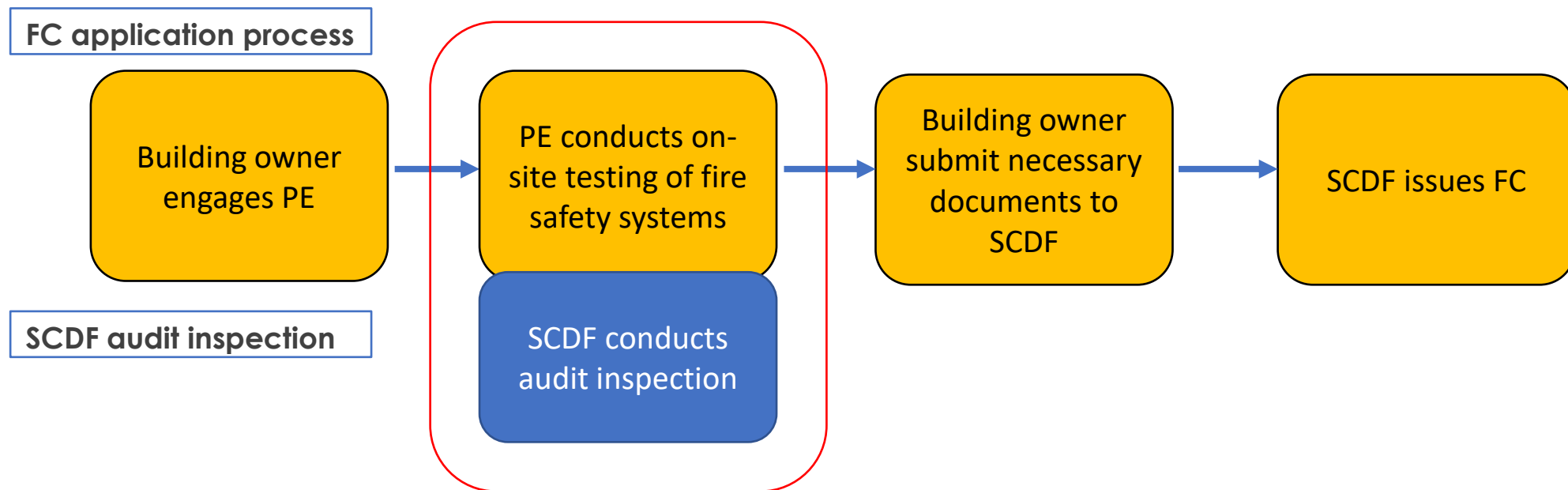
Fire safety systems are in order?

SCDF conducts re-inspection



NEW FC AUDIT INSPECTION REGIME

- SCDF will conduct the audit inspection together with the PE inspection, instead of arranging a separate audit inspection
- SCDF will request for PE inspection dates so that we are able to schedule our audit inspection

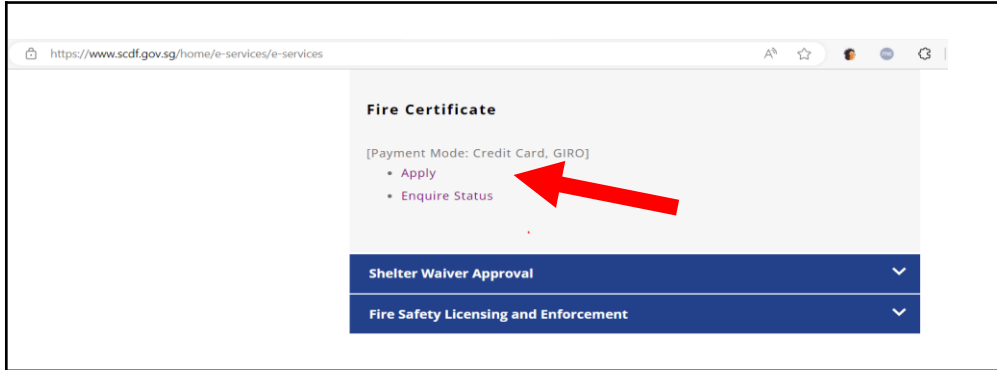


BENEFITS TO BUILDING OWNERS

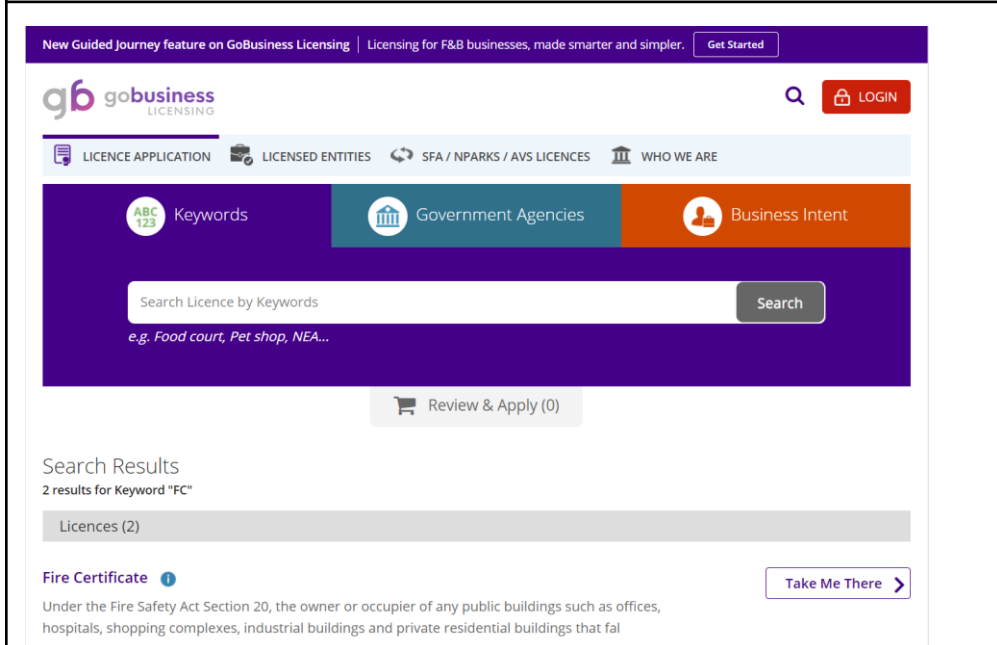
- Audit inspection conducted would be once per year in spite of the building being shortlisted to be audited by SCDF. This results in less disruption to business/operation
- Time and cost savings for building owners who are no longer required to make additional arrangements to engage contractors, vendors and PE for SCDF's separate audit inspection
- Enhance and complement the quality of checks by PE as SCDF is present on site to highlight any additional observations, making it more comprehensive and efficient



FC Application on Gobusiness Licensing Portal



No changes to the steps to apply via SCDF Webpage



Re-directed to new portal for FC Application
(<https://www.gobusiness.gov.sg>)

- Requires Corppass/Singpass login
- Ease of amending details
- Cancellation of application

THANK YOU

