Update for
Construction Sector Restart

15 Jul 2020
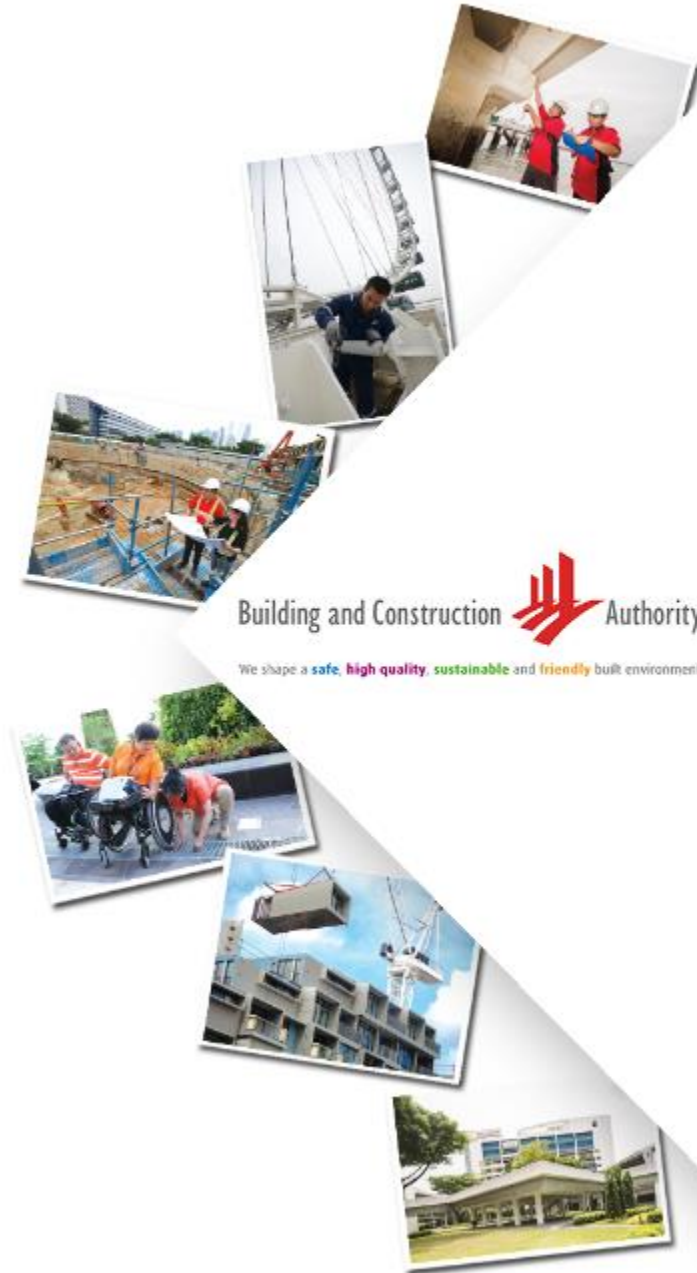
Outline

1. Update on New Initiatives

    a) Restart Progress

    b) New Initiatives

2. Update on COVID-Safe Restart requirements

    a) Keeping our Worksites COVID-Safe

    b) Safe Workforce – Updates to AccessCode

    c) Safe Accommodation & Transport – Updates on Dorm Clearance Schedule and Transport Requirements

3. Use of Technology to Support Implementation of COVID-Safe Measures

1a) Restart Progress

	Types of Application	No. of Applications Approved (as of 12 Jul)
1	Construction projects	2,430
2	Renovation works	51,369
3	Construction Account Works (eg. FM, L&E)	22,675

- **More than 1,800 projects** have used the self-help tool to assess their restart readiness

- *Main contractors are encouraged to apply for restart while waiting for workers to be cleared*

- COVID Safe workers training: **< 328,000** passed to date
- SMO Course: **>39,000*** SMO trained to date

*by BCAA, SCAL Academy and NTUC Learning Hub

1a) Restart Progress: Industry Engagements co-led by TACs

	COMPLETED (1 Jun – 14 Jul)	UPCOMING (Jul)
No. of Webinars & Online Clinics	12	5
No. of Attendees	16,600	5,000
No. of Q&As	5,700	-

Jun:
Safe Restart Webinar Series
[3-5 Jun] Joint Webinars (10 TACs) : 11,800 pax
[16 Jun] Industry Leaders Dialogue: 800 pax

Jul-Aug:
Recover Webinar Series
(Best Practices from Safe Restart)

Sep - Oct:
IBEW
Resilience Webinar Series

Jun	Jul	Aug	Sep	Oct	Nov

~ 2 industry dialogues per week
involving Minister/s & BCA senior mgmt over past 8 weeks
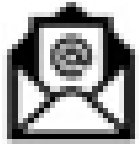
Jun to Jul:
TAC-hosted Clinics: Restart Applications
GPEs, REDAS, SCAL, STAS, RCMA: (4,000 attended), SIA-IES,ACES,SISV: 2500 projected attendees)
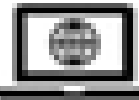[15 Jul] Industry Leaders Dialogue 2 : 800 pax

1b) New Initiatives: BCA's Telegram Channel
- Get the latest updates from BCA on your mobile

Over 6,300 subscribers
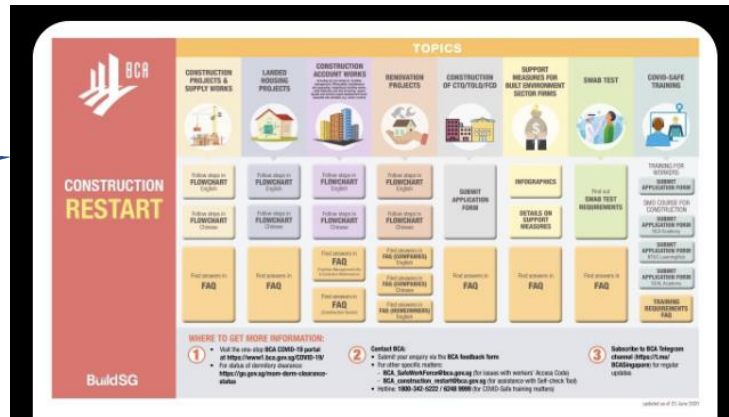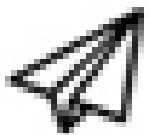
Contact BCA at
bca.gov.sg/feedbackform/

Visit BCA's website at
www1.bca.gov.sg/COVID-19

Subscription link to BCA's Information
and Update channel on Telegram:

https://t.me/BCASingapore

[Sent on 24 June 2020]
Construction Restart Navigator

Need to restart works but not sure where to begin? Check out our one-stop navigator for all your restart needs, including forms and FAQs! ✅

Download both English and 华文版 here:
go.gov.sg/bca-navigator-restart

👁 2.9K 10:08 AM

[Sent on 24 June 2020]
[ICYMI] Dormitories cleared of COVID-19
📅 23 June 2020 - MOM's Press Release

31 more dorms have been cleared of COVID-19. These comprise 27 Factory-Converted Dorms & 4 Construction Temporary Quarters. In addition, 4 Blocks for Recovered Workers (BRWs) in 3 Purpose-Built Dorms (PBD) have been cleared. These residences house about 3,700 residents.

💪🏻 Government will do all we can to help as many companies as possible to tide through this crisis
💻 BCA as the one stop shop for construction restart info
📅 More regular updates on when workers are ready to resume work

5 | Support Measures

We have also heard your concerns about finances,

1b) New Initiatives: One-stop Navigators on Construction Restart & Training

One-stop navigator for all construction restart information (eg. application flowcharts, FAQs, BCA contact details etc)

One-stop navigator for COVID-Safe training information and request

✓ **Available on BCA website and Telegram channel**
✓ **Available in Chinese**

1b) New Initiatives: Construction Restart Resource Kit

- BCA has put together a comprehensive resource kit to guide industry on how to restart

Dedicated guides for different industry stakeholders

Step-by-Step guide on Restart Preparation & Application

Good Practices of Safe Management Measures

User-friendly Guide with Clickable Links and Videos

2a) Keeping our Worksites COVID-Safe

- **Worksites are potential "hubs" of virus transmission leading to multiple clusters**

Major COVID+ Outbreak at Project Glory
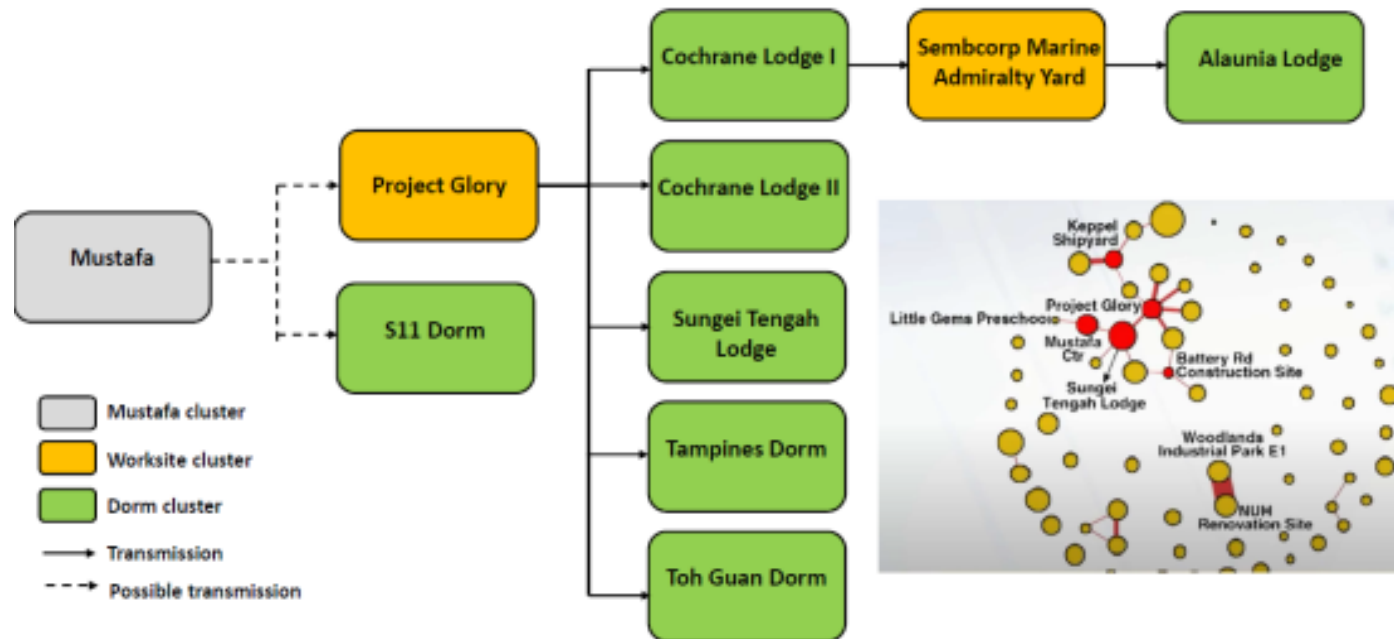
- Largest construction site cluster linked to 6 dorms
- Work at site was halted

2a) Keeping our Worksites COVID-Safe

More Recent C+ Outbreak at a Project Site (non-construction)

- 6 COVID+ cases were first confirmed among a team working in the Middle work-zone
- *Causes: Workers from different work-zones sharing (i) common lunch and rest areas, (ii) transportation and (iii) residences*

Risk of spread from middle to East and West workzone

Actions Taken – Stop Work Order (SWO)

- Quarantine Orders (QO) issued to **356 close contacts**
- MOH served SWO, site closure and disinfection
- Locked down entire block of residence with some workers conveyed to GQFs

Key Lessons Learnt
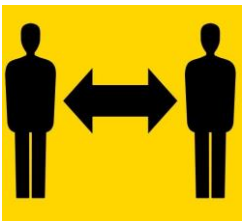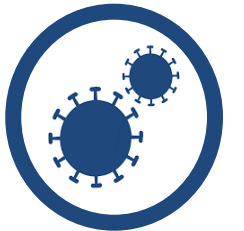
- **Cohort workers** according to work zones, **stagger the use of common lunch and rest areas**
- **No mixing of different cohorts** during transportation and in places of residence to prevent cross infection

2a) Keeping our Worksites COVID-Safe

✓ **3 Key COVID Safe Management Measure (SMM) to be observed on site:**

	Key Objectives	Things to look out for
	1) **Safe Access:** Allow only healthy and approved workers to work at worksites	▪ **Entry control:** approved workers only, roving sub-contractors & visitors do not mix with workers on site
	2) **Safe Distancing:** Enforce safe-distancing, segregation and cohorting measures at worksites	▪ **Safe Management Officer/Safe Distancing Officer** ▪ **Segregation** of Teams & Work Zones (communal facilities are hot spots) ▪ **Pre-packed meals** ▪ Turn on **TT (Trace Together)**
	3) **Containment:** Ensure COVID+ and quarantined workers are isolated swiftly	▪ **C+ Response Plan:** Cordon off affected zones, isolate worker, clean & disinfect, inform authorities

2a) Keeping our Worksites COVID-Safe

Top safety breaches from BCA's Inspection Findings

Top breaches observed	Large Projects (>$3mil)	Small Projects (<$3mil)
Workers yet to receive BCA's approval but started working on site	25	77
SafeEntry (NRIC version) not installed and used	26	70
Missing Safe Management Measures (SMM) plan on site	17	57
Safety Management Officer (SMO) not on site	5	34
Meals not individually packed	11	24

As of 13 Jul 2020

2a) Keeping our Worksites COVID-Safe

❌ **Examples of breaches**

Cooking at on-site CTQ

Poor isolation facility for sick workers

Use SafeEntry to check in and check out for contact tracing

Present barcode on phone for scanning

MOM-issued Visit Pass/Work Permit, Driving Licence, PAssion Card, TransitLink Concession Card, Pioneer Generation Card, Merdeka Generation Card

Remove your ID from its cover or case for easy scanning

Safe-Entry (NRIC) not used on site

BCA will take enforcement actions against work sites with breaches:-
- Stern Warnings
- **Safety Time-out**
- **Stop Work Orders (SWO)**
- Composition Fines
- Prosecution

2a) Keeping our Worksites COVID-Safe

✅ Examples of good practices observed

Segregated entrances/exits

Safe distancing markings

Clear zoning plan & SMO/SDO details

Temperature monitoring — *system with face detection*

Safe Distancing Induction

Individually pre-packed meals

2a) Keeping our Worksites COVID-Safe

Reporting Unsafe Practices in Worksites

'Whistle blowing'

- Poster with QR code for workers to report non-compliances
- Worksites will be required to display posters
- PMs and SMOs will be briefed
- Mass SMS to inform workers of such channel

Large QR code for easy scanning

Easily understood infographics and messages

Different languages (e.g. Chinese, Tamil, Bengali, Burmese) will be included

2a) Keeping our Worksites COVID-Safe

- BCA would continue to engage the industry to ensure a COVID-Safe restart through:

Sharing Session with Project Managers and SMOs of New Restart Projects

- Conducted 1st session with 82 PMs/SMOs via Zoom on 20 Jun
- Received feedback that BCA's briefing was a good platform with opportunities to learn and clarify queries

Continuous Efforts to Increase Awareness on Effective Site Management

- Improve clarity of requirements via briefings, submission guides, FAQ
- Provide guidance to builders and SMOs prior to audits
- Share inspection checklist with SMOs
- Conduct regular briefing/dialogue to share BCA's inspection findings & good practices

2b) Safe Workforce – Updates to AccessCode

- MOM released improved features to the AccessCode on 12 July:

1 AccessCode colours simplified to **Green** and **Red** codes only, and the Grey code would be removed.

Scan the QR Code
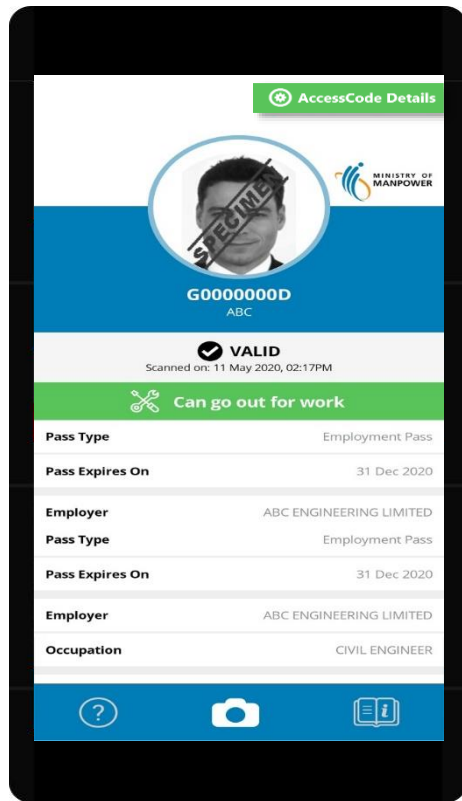
✓ Can leave dormitory for work

- Employer/worker approved to start work
- Residence is cleared
- Worker's health status is okay
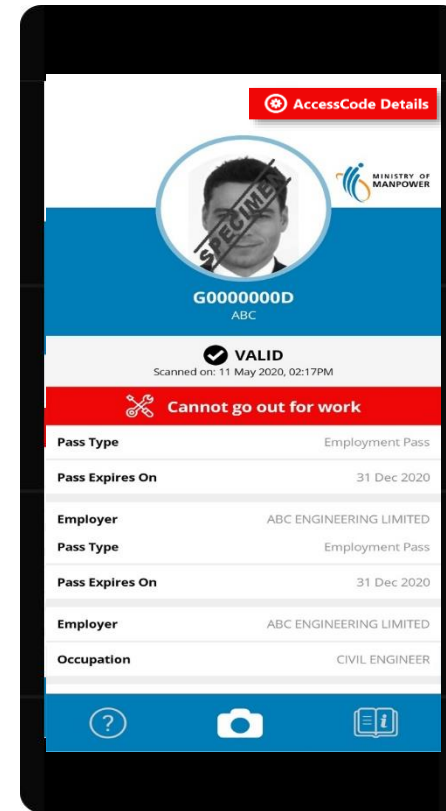
🚫 Cannot leave dormitory for work

- Employer/worker NOT yet approved to start work

OR

- Dorm is not cleared or worker's health status not okay

2b) Safe Workforce – Updates to AccessCode

- MOM released improved features to the AccessCode on 12 July:

2 — Employers would be able to check their workers' (S Pass or WPH) AccessCode details through the new Safe@Work eService

AccessCode of Work Permit and S Pass holders

Updated as at hh:mm dd/mm/yyyy (DSTA creation date)

Employing Company: Company name here (01968500M-00-000)
CPF Submission Number (CSN): CSNcode

Legend
AccessCode is shown on SGWorkPass in two colours depending on the worker's status:

- "Green" status: Worker met all conditions and is allowed to leave the residence for work;
- "Red" status: Employer or worker has not obtained approval to work, and/or worker did not meet one or more of the conditions. They are not allowed to leave the residence for work. Read more

| S/No	Name	FIN	AccessCode	(i) Work Status	(ii) Health Status			(iii) Residence Status
					COVID-19 Infection	Serving Quarantine Order or Stay-Home Notice?	Latest Trace Together Status	Place of Stay
1	Tan Ah Koh	FXXX4567A	Green	Employer/ Worker approved to work	Not detected	No	Installed	Cleared
1	Tan Ah Long	FXXX4555A	Green	Employer/ Worker approved to work	Recovered	No	Installed	Cleared
2	Subramaniam Vinasamy	GXXX7890C	Red	Employer/ Worker approved to work	Test Inconclusive	On Quarantine Order	Not Installed	Dormitory/Block is not cleared
3	Lee Tee Kee	GXXX0123F	Red	Employer/ Worker not approved to work	Positive	On Stay-Home Notice	Installed	Worker's place of stay differs from dormitory records. Check with dormitory operator.
4	Yong Ah Long	FXXX8024G	Red	Employer/ Worker not approved to work	Not detected	No	Not Installed	Dormitory/Block is not cleared

2b) Safe Workforce – Updates to AccessCode

- MOM released improved features to the AccessCode on 12 July:

3 Workers would now be able to find out why their AccessCode is 'Red' by scanning the QR code on their work pass cards or tapping on the coloured bar.

Click here for AccessCode details
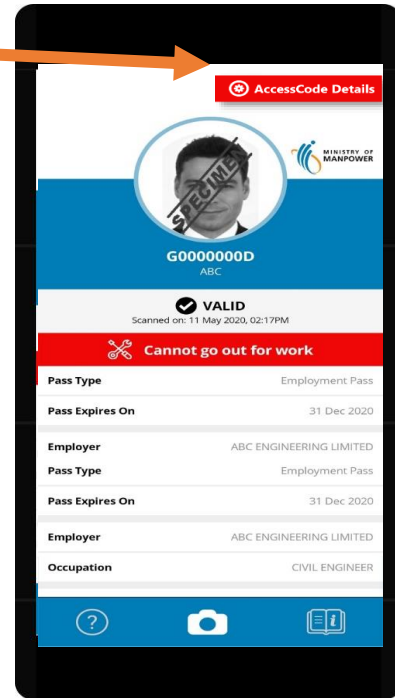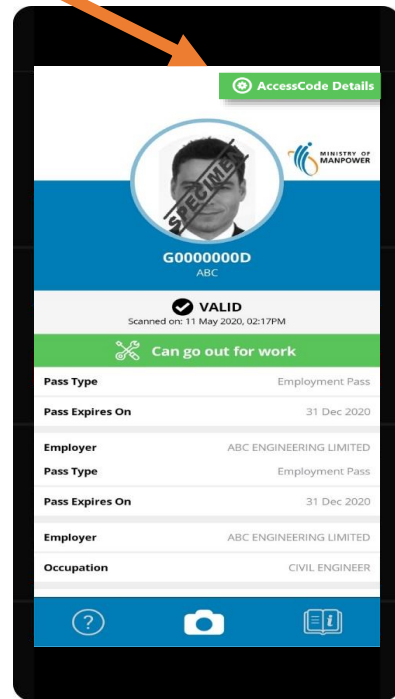
2c) COVID-Safe Accommodation & Transport – Updates on Dorm Clearance

- As of 7 Jul, 384 more dorms have been cleared bringing the total number to 625 dorms and 44 blocks of recovered workers in 17 PBDs.

- About 180,000 workers have either recovered or been cleared:

  - Some are pending movement to appropriate accommodations prior to work resumption; and

  - Others can resume work once dorm operators, employers and workers have made the necessary preparations (Eg. Dorm operators to arrange staggered pick-up/drop-off, employers to confirm/update workers' addresses on MOM's database etc)

- Details of Dorm Clearance Schedule can be found on MOM's website:

  https://www.mom.gov.sg/covid-19/cleared-dormitories

2c) COVID-Safe Accommodation & Transport – Transport Arrangement

- The latest update to the Safe Transport requirements after incorporating industry feedback are in yellow:

Employee's Accom	Work Pass[1]	Workplace	Allowed to take Public Transport (MRT, Bus)	Allowed to take Private Hire Vehicles (PHVs) & Taxis	Allowed to Walk/Cycle	Allowed to Motorcycle/Car
Non-dormitories [2]	S-Pass	Non-Construction Site	Yes	Yes	Yes Walking and cycling is allowed. Employers must show that their workers comply with relevant SMMs when inspected.	**Yes**
		Construction Site	No	Yes		
	Work Permit	Non-Construction Site	Yes	Yes		
		Construction Site	No	**Yes**		
Dormitories [3] and Government Sourced Facilities (GSF) [4]	S-Pass	Non-Construction Site		**Yes** **Employers must:** • **work with dormitory operators to plan and coordinate pick-up times;** • **pre-arrange and pre-pay for taxis/ PHVs;** • **comply with relevant SMMs when inspected**		No
		Construction Site				
	Work Permit	Non-Construction Site				
		Construction Site				

[1] Type of work pass includes all Foreign Employees holding work permits or S passes in the construction sector
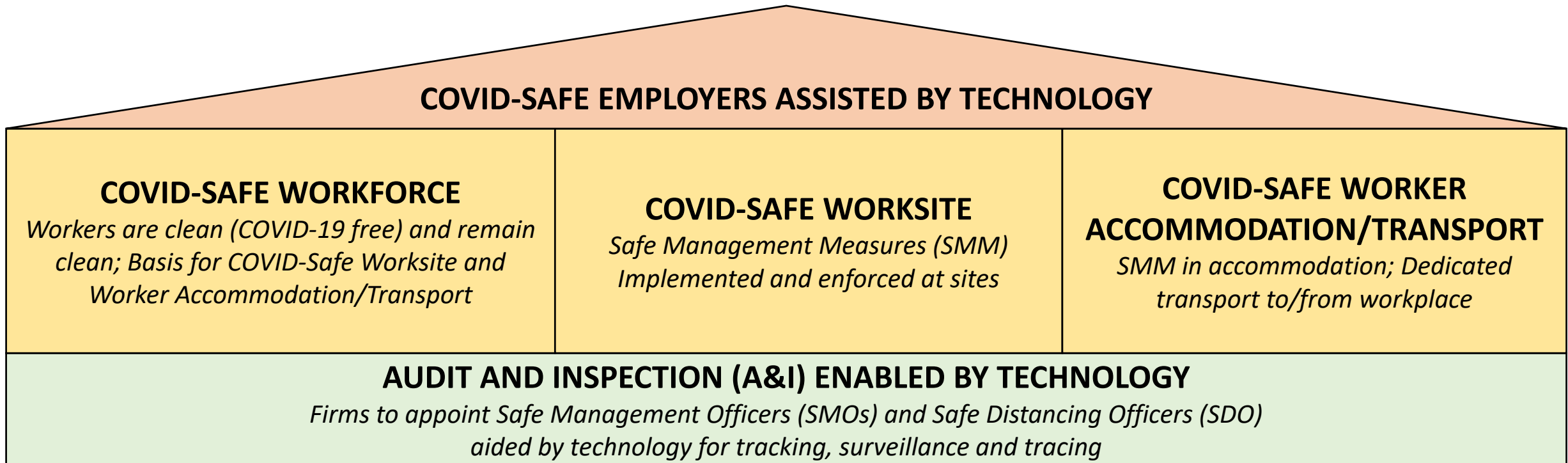
[2] Non-dormitories include HDB & private residential properties

[3] Dormitories - Purpose Built Dorms (PBD), Factory Converted Dorms (FCD), Temporary Occupation License Quarters (TOLQ), Construction Temporary Quarters (CTQ) and Temporary Living Quarters (TLQ)

[4] GSF - Facilities set up by govt for workers who have recovered from COVID-19 or decanted from dormitories.

3) Use of Technology to Support Implementation of COVID-Safe Measures

- In order to safeguard project progress and community's interest in preventing resurgence of infection, it is key for *industry to take ownership in implementing and enforcing COVID-Safe measures*.

- BCA has developed a system (BuildSG-CovidSafe Platform) to aid firms in adopting technology to achieve a Covid-Safe restart.

COVID-SAFE EMPLOYERS ASSISTED BY TECHNOLOGY

COVID-SAFE WORKFORCE	**COVID-SAFE WORKSITE**	**COVID-SAFE WORKER ACCOMMODATION/TRANSPORT**
Workers are clean (COVID-19 free) and remain clean; Basis for COVID-Safe Worksite and Worker Accommodation/Transport	*Safe Management Measures (SMM) Implemented and enforced at sites*	*SMM in accommodation; Dedicated transport to/from workplace*

AUDIT AND INSPECTION (A&I) ENABLED BY TECHNOLOGY
Firms to appoint Safe Management Officers (SMOs) and Safe Distancing Officers (SDO) aided by technology for tracking, surveillance and tracing

3) Use of Technology to Support Implementation of COVID-Safe Measures

Examples

**COVID-SAFE EMPLOYERS and A&I
ASSISTED BY TECHNOLOGY:**

Worksite access control:
- Facial biometric recognition
- Thermal scanner
- System would verify and record workers' details (i.e. ID, temperature, SafeEntry registration etc)

Remote monitoring to ensure SDM and Segregation of Workers:
- **AI Camera** –Image analysis to capture SMM breaches
- **Contact Tracing Wearables** – Identify close contact of segregated cohorts
- **Inspection Apps** – Online documentation of findings from inspection
- **Data Assisted & Compliance System** – Identify high risk areas, common non-compliance trends etc

✓ *Firms could tap on IMDA's Advanced Digital Solutions (ADS) initiative to fund the adoption of COVID-Safe Technologies – More details to be provided soon*

Facial Recognition & Thermal Scanner

AI Camera capturing workers <1m apart

Thank you.