

TRD Safety Voyage 三跑道安全航程

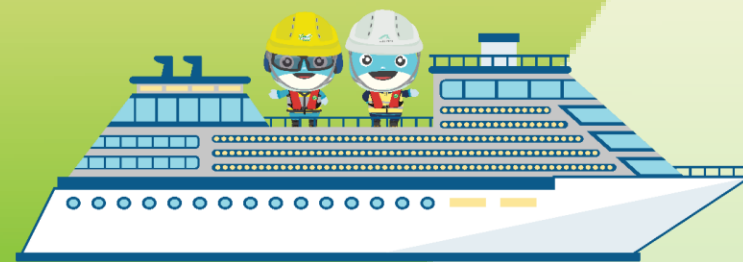


VCommit MEWP Safety Enhancement Programme Voyage

「我們承諾」的流動式升降台安全提升計劃航程

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AAHK Third Runway Division



香港建造商會
HKCA





Kenny YEUNG
Construction Safety Engineer

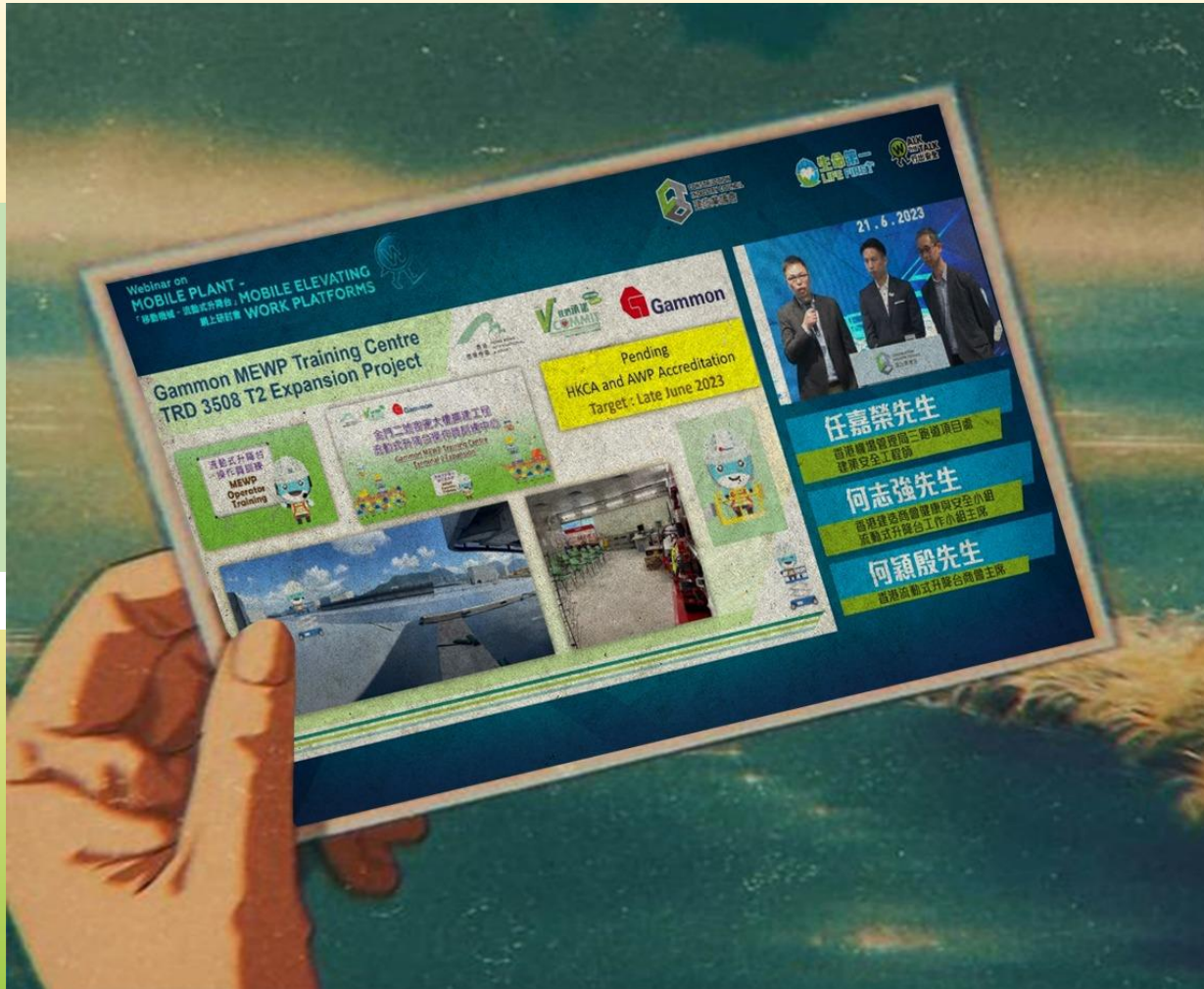




Tracy WONG Project Inspector, Safety



Initiative since CIC Walk the Talk Webinar 21st Jun 2023



Global MEWP Accident



4 August 2021

Boom Lift
toppled
1 Dead 1 Injury



15 Sept 2021

Boom Lift
toppled
1 Injury



2 May 2022

Boom Lift
Toppled
2 Injuries



20 October 2022

Boom Lift operator
trapped between
basket and ceiling
1 Dead



18 Nov 2023

A Person crushed
by Boom Lift
1 Dead



Jul 2024

Boom Lift operator
trapped between
basket and ceiling
1 Dead



HK MEWP Accident



18 August 2021

Vehicle-mounted boom collapsed

1 Dead, 1 Injury



4 April 2022

Scissor operator collide structure

1 Injury



20 May 2023

Vehicle-mounted boom collapsed

8 Injuries



7 August 2023

Self Propelled Collapsed

1 Dead



15 January 2024

Scissor operator Trapped between MEWP and structure

1 Injury



8 May 2024

Operator trapped MEWP and Roof

1 Dead



TRD's Challenge on MEWPs Safety



Terminal 2 Expansion Project (T2E) Terminal 2 Concourse Project (T2C)



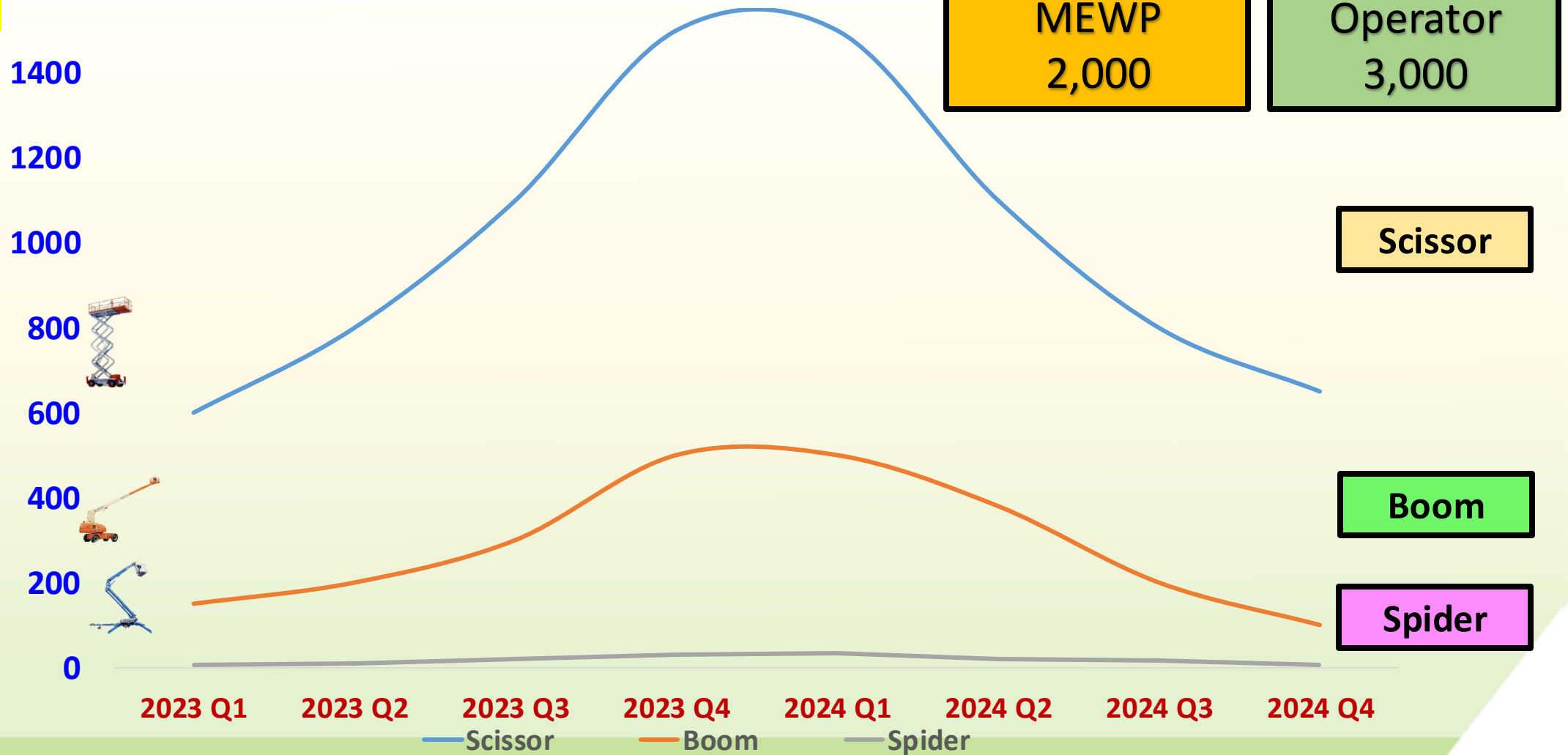
Contract No.: C3508
Terminal 2 Expansion
Area on plan : 88,704 m²
Total Floor Area : 552,000 m²



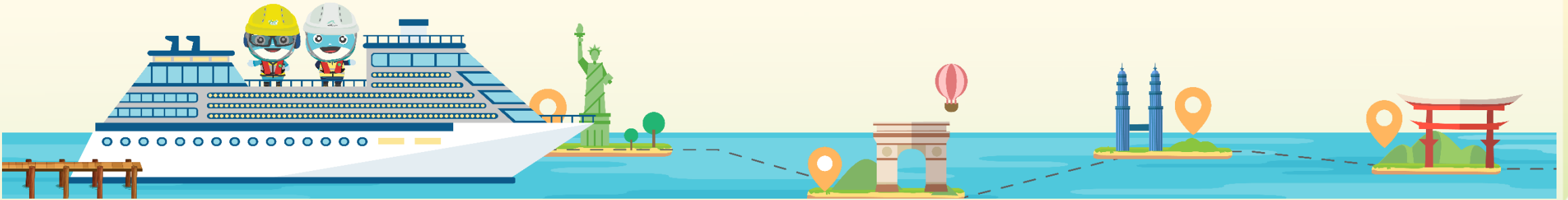
Contract No.: C3408
T2 Concourse
Area on plan : 120,020 m²
Total Floor Area : 519,368 m²

Estimation of MEWPs in TRD

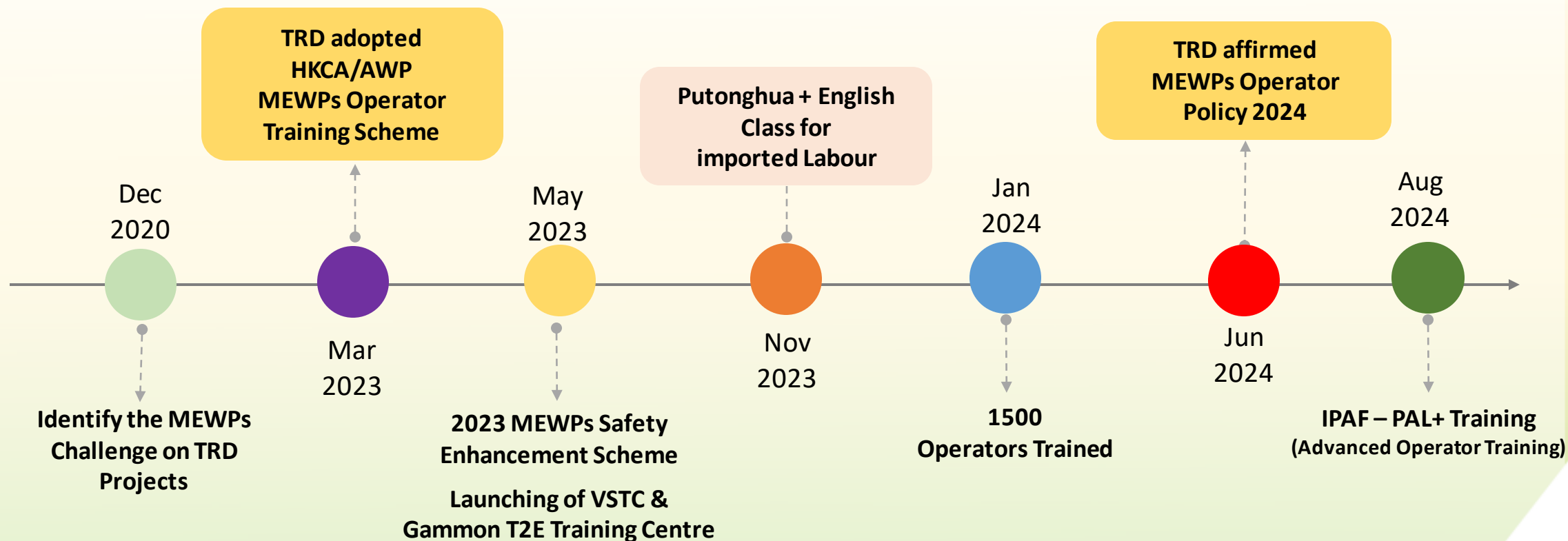
MEWP



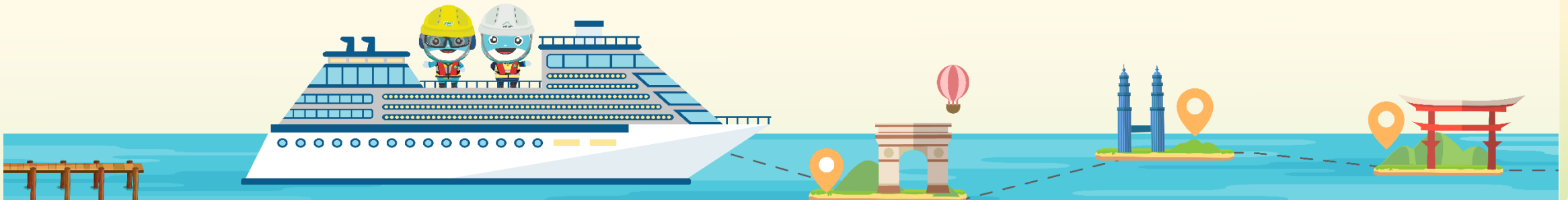
The Development of MEWPs Enhancement



TRD MEWPs Safety Roadmap



HKCA/AWP MEWP Operator Training





Full Day Mobile Elevated Working Platform Training Course

Lesson

**Written
Examination**

**Practical
Training**

Skill Test

1. Usage in Hong Kong
2. Classification
3. Standard and Regulation
4. Structure and Application
5. Safety Assessment
6. Safety Highlight
7. Safety Operation
8. Checking before Operation and Routine Maintenance

1. Risk Assessment and Control
2. Common risk and risk management
3. Safety Device and Equipment
4. Checking before operation
5. Safe Operation
6. Inspection and Maintenance

HKCA/AWP Recognized MEWP Operator Training Centre



香港建造商會
HKCA



AAHK VSTC MEWP Centre



CLK T2E MEWP (Gammon) Centre



TRD MEWP Safety Enhancement Scheme 2023



VCommit MEWP Safety Enhancement Scheme 2023



MEWP Operator's Training

Organizer:
AWP
HONG KONG
MOBILE
AWP
ASSOCIATION



Type of Training:

Course A: Full Day – For New Operator

Course B: Half Day – For Skilled Operator

TRD Subsidization:

- 50% Training Fee
- \$500 Cash coupon per trainee after passing the training
- Phase 1: Subside 1,500 operators

Phase 1 Target:

- First course start in May 2023
- To complete 1,500 trainings before May 2024



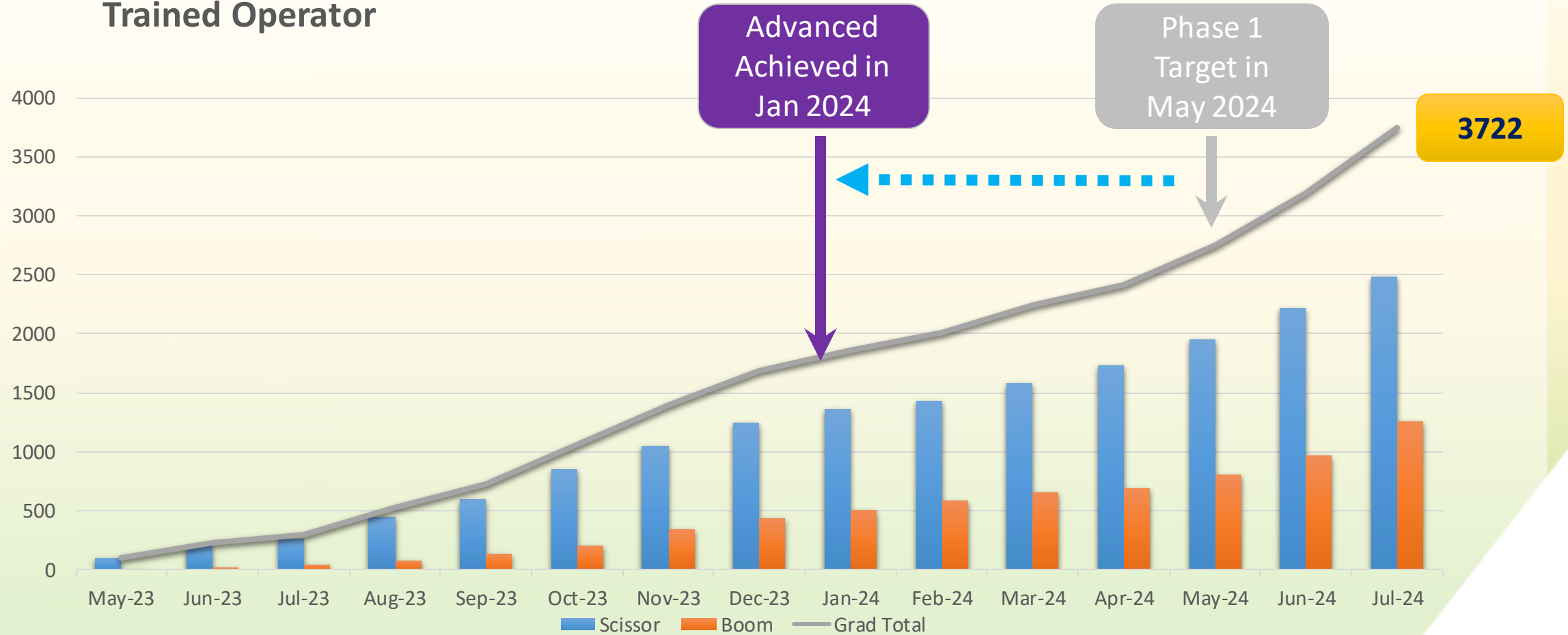
Supporting Organizer:
AAHK - TRD



同航
Same Boat Same Goal

Trained MEWP Operator (Scissor & Boom)

Trained Operator



VCommit MEWP Safety Enhancement Scheme 2023

TRD VCommit Funding Subsidize Contractors

- IPAF - MEWP For Managers Training Course
- MEWPs Safety Device



MEWP Operator Trainee Feedback



MEWP Operator Trainee Feedback



[Link to Feedback](#)



TRD MEWP Policy 2024



TRD MEWP Policy 31st Mar 2024



TRD
Annual
Management
Review
27th Mar 2024

Target to train
5,000
operators
before Oct
2024

三跑道項目處 THIRD RUNWAY DIVISION

2024/2025
三跑道升降台訓練 你上左未?
TRD MEWP Operator Training
Have You Attended Yet?

活動內容 Activities

1. 免費
Training fee fully subsidised by TRD
2. 專業合資格 \$1500
Incentive amount HKD1500
3. 三跑道可獲發 MEWP Operator Card
TRD Issued MEWP Operator Card

免費 Free

流動升降台
操作員訓練
MEWP
Operator
Training

從2024年6月1日起，凡在三跑道操作升降台，均需持有由香港建築商會/香港流動式升降台商會發出的有效升降台操作員證書
From 1 June 2024, only individual holding a valid operator card issued by the HKCA/AWP are permitted to operate MEWPs

VCommit WhatsApp: 6377 8310
VCommit Email: TRDVCommit@hkalairport.com

家庭安全 三跑道「我們承諾，做得到」 VCommit • Happy Family • Happy Safety



IPAF – PAL⁺ Training

Advanced MEWP Operator Training



IPAF - PAL⁺ MEWP Operator Training



PAL+ 高空工作平台高級操作課程
PAL+ Advanced MEWP Operator Training Course

Aim to provide specific training to advance operators who may need to operate “Super Booms” safely in challenging working environment with extra care and skills.

Training content includes :

- Hazard Identification and Risk Assessment
- Machine Identification and Terminology
- Emergency Lowering Procedures
- Practical Scenario Training

Digital license will only be issued to those qualified & experienced operators who successfully pass both written & practical tests

- 1st IPAF Approved Centre in Asia
- 1st HK class Launched on 7 August 2024
- Supported by 3408 BCJV
- Training fee full paid by AA-TRD
- Review after 4 classes



IPAF - PAL⁺ MEWP Operator Training



Basket:
1.83m(L) x 0.85m(W)
x 1.14m(H)

Scaffold window:
2.4m(H) x 2.1m (W)



Ramp Test

Access to
Restricted Space



Emergency
Rescue

Trainee Feedback

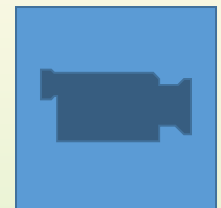


PAL+

**Advanced MEWP
Operator Training**

by  **現代
MODERN**

Trainee Feedback



[Link to Video](#)

VCommit Safety Incentive Scheme



VCommit Safety Incentive Scheme

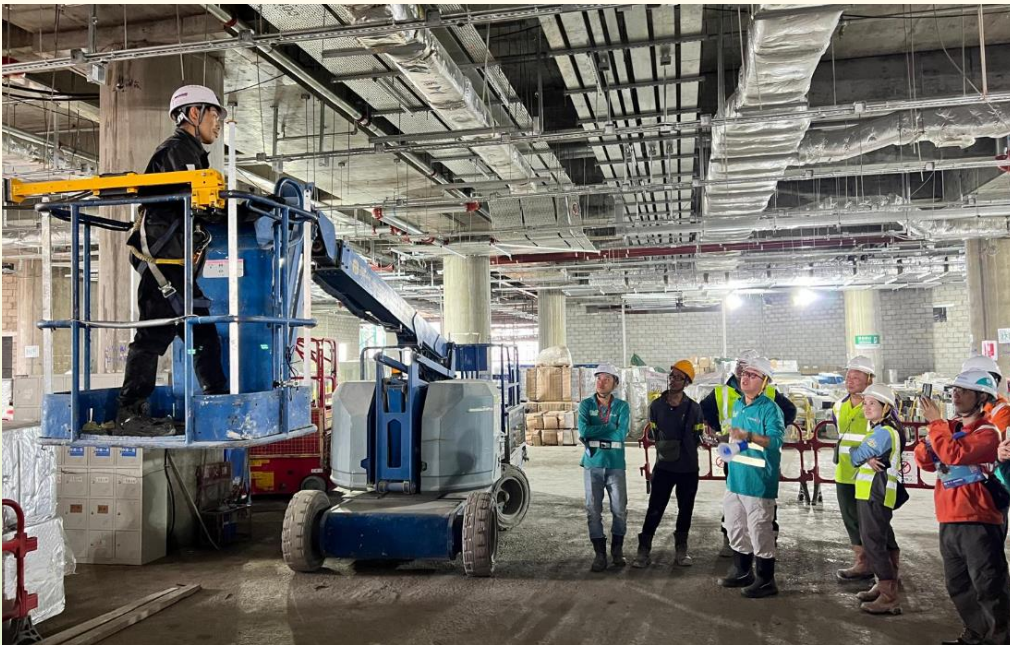


- When product is approved as CITF Pre-approved product
- CITF Incentive is 70/80%, **TRD VCommit Top Up the remaining cost**
- **CITF + VCommit → COST FREE for Contractors and Subcontractors !**



MEWP Overhead Crush Prevention

- 8 weeks Trial in 3508 and 3408 projects since Jan 2024
- **CITF – pre-approved list**



MEWP Overhead Crush
Prevention Device



CITF pre-approved no.:
PA24-068

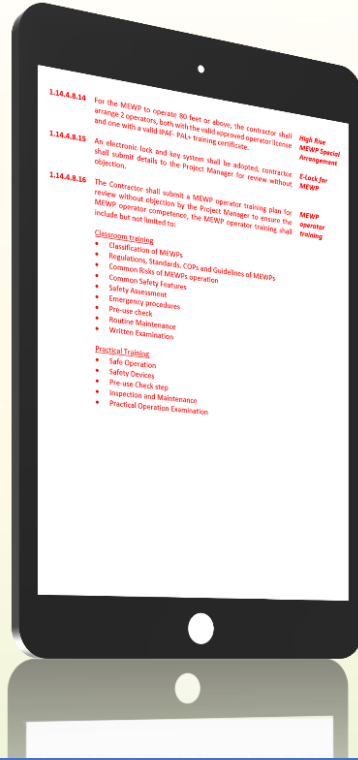
Way Forward and Legacy



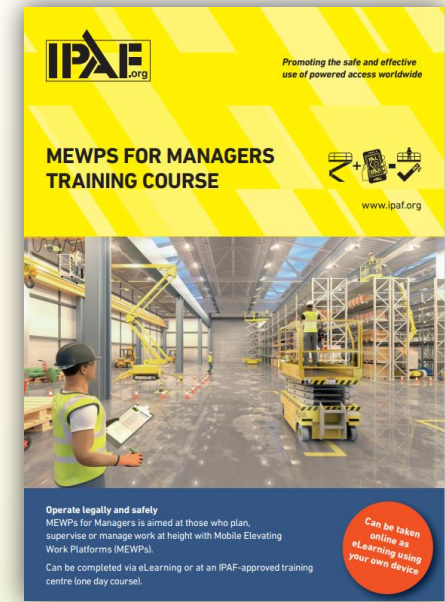
Build-up “Legacy” of VCommit Spirits in the Construction Industry



Looking Forward....



New AAHK Particular Specification (PS)



*Together, Let Us Enhance the MEWP
Safety For H.K. Construction Industry*

