

Cross-Company Collaboration for a Safer Hong Kong

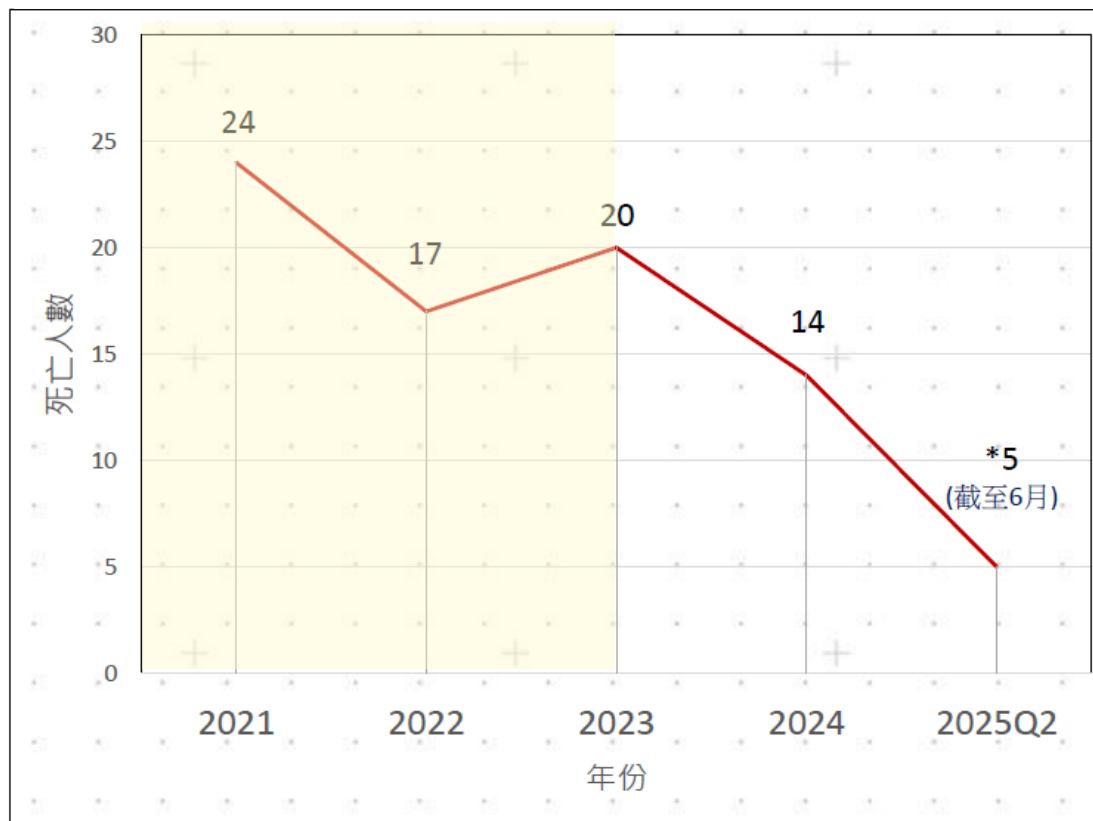
跨企業協作，共建更安全的香港



Background

- The number of fatal incidents due to construction activities in the past few years is **unacceptable**;
- CIC with Hong Kong's largest developers and employers, have a **responsibility** to act and influence the safety performance of the contracting community.

2021-2025 No. of Fatal Accidents in Construction Industry (full year)



*註: 數據截至2025年6月30日

Data refer to Labor Department HK.

Cross Company Safety Walk

It was proposed that, monthly **coordinated senior management** safety tours at each of the large developer's locations conducted by peer forum member, would offer a **cold eye review** and peer **feedback** to the host company.



Cross Company Safety Walk Program



**In alphabetical order*



Program Overview



Objectives of the program:

- Promote safety culture
- More iteration with frontline
- Share best practices
- Cold eye review & recommendation
- Uplift the qualification standard
- 4S & AI integration & advanced technology application



Activities of the Program:

- Safety Forum (bi-monthly)
- Host a Peer Site Walk (monthly)
- Visit a Peer Site Walk (monthly)



Achievement & Benefit

- Improved communication: These walks encourage open communication and collaboration among different companies, not only within the executive, but also involve the frontlines.



Highlights in Cross-Company Safety Walk

Organization *
Please Select ▼


Project *
[Text Field]


Date *
MM-DD-YYYY [Calendar Icon]


Host by
Name of participant(s) [Text Field]


Guest
Name of participant(s) [Text Field]


For recording the highlights, observations

 Workforce competency and awareness

 Machinery Selection, Operation and Maintenance

 Materials and Tools

 Construction Methodology and Procedure

 Work Environment Consideration


 Innovation Technology

Photo Reference
Drag and drop files here

Photo Reference
Drag and drop files here

Remarks (Good Safety Culture and Observations)
[Text Field]

Submitted by *
[Text Field]

Submit

- Acknowledging the innovative technologies: By combining resources and new technologies, the program can lead to a more comprehensive and effective approach to safety management.

E-form for Recording Highlights

Comments or observations will be shared with the host for clarification or follow-up if necessary.



Up to Aug 2025, total **57** Cross-Company Safety Walks were conducted.!

Frontline Supervisor Safety Course

- The frontline supervisor is vital for construction safety and site monitoring.
- It is the responsibility for all construction organizations to provide safety training to frontline supervisors.



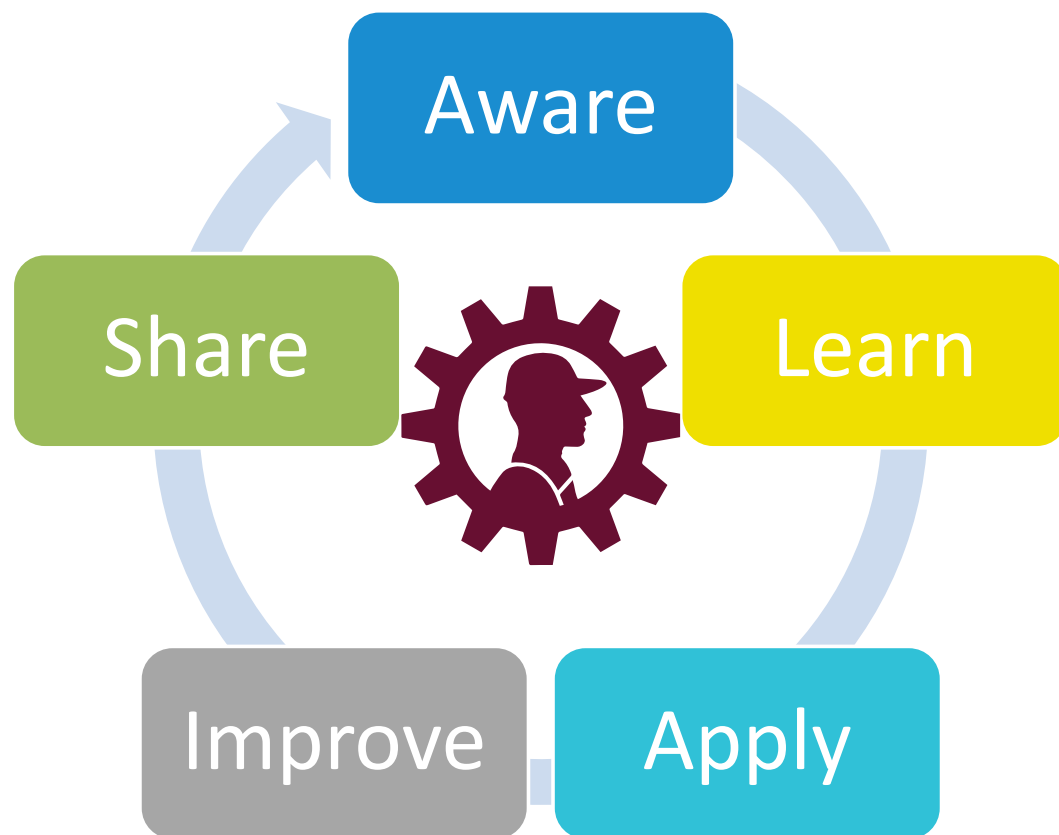
- Human Performance Improvement (HPI)
- On-site assessment

- Role and responsibility of frontline supervisor
- Incident sharing / case study / recent safety issues

- Safety Tools Enhancement
- Incident prevention theory

Insights

- Many best practices remain siloed **within individual companies**. We need a unified platform **to share** these insights across industries, elevating performance for all.



Apply Technology to Site Safety (Grid-Visualisation)

Advance AI
Technology

Real-time
monitoring

Enhance asset
management &
worksite safety



Enhancing AI Analysis

Operational

- Safety Helmet
- Reflective Vast
- Work at Height
- Fall detection
- Danger Zone / Restricted Area

Environmental

- Fire / Smoke
- Flooding
- Water Droplets
- Oil leakage
- Animal Intrusion
- Landslide Detection

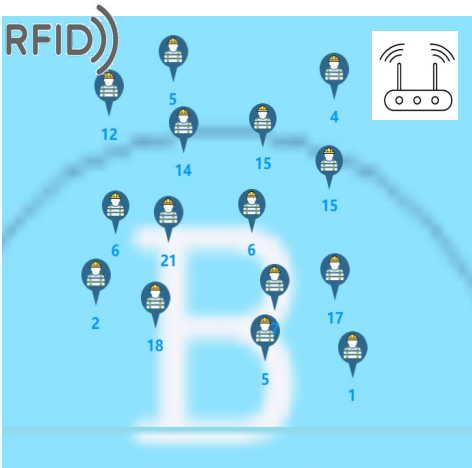
Asset Condition

- Broken Insulator
- Fitting Corrosion
- Coating Loss
- Bird Nest
- Blue Light

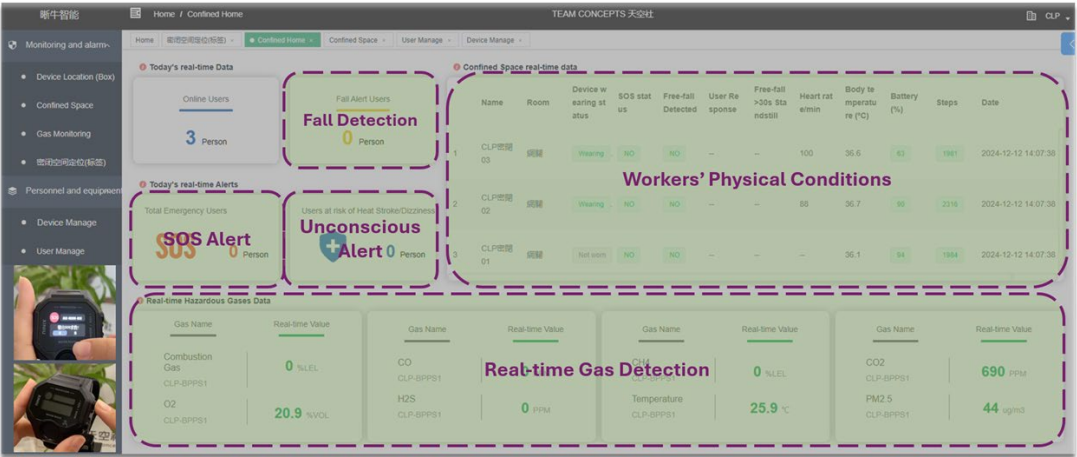


Apply Technology to Site Safety (Smart Site Safety System (4S))

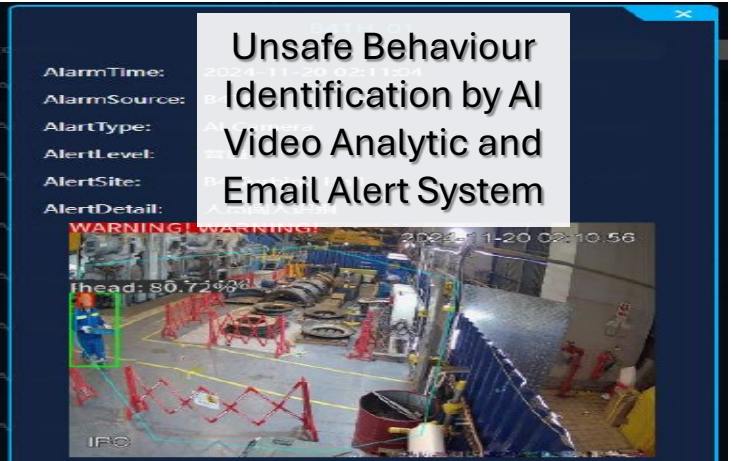
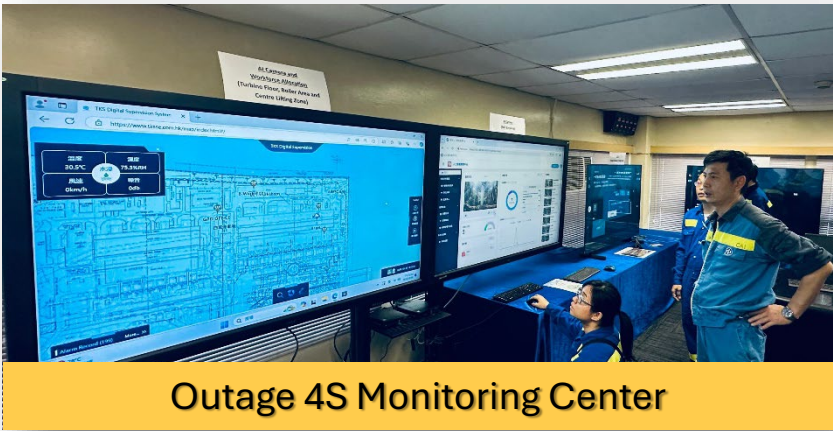
Implement 4S Technology for Major Confined Spaces Outage Projects



Real-time Workforce Monitoring



Centralised Management Platform



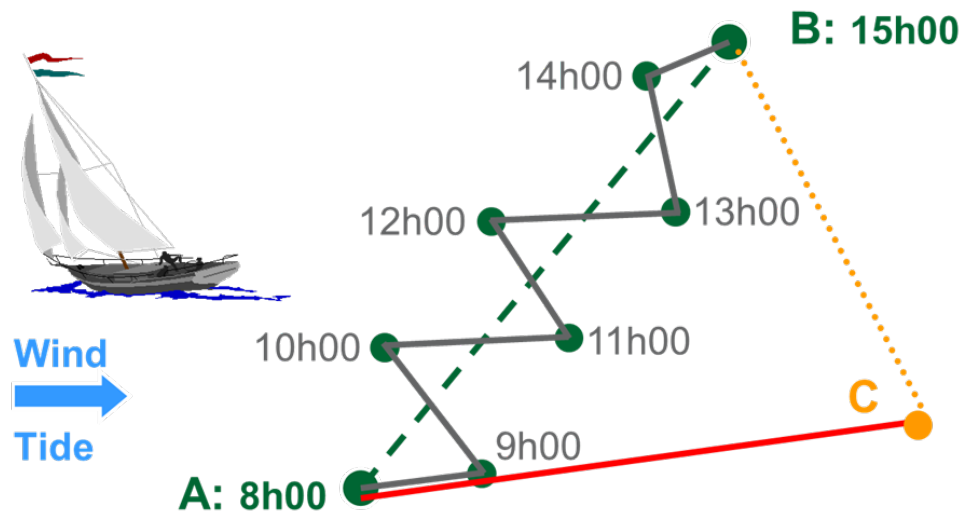
Real-time Video Surveillance with Additional Body-worn Video Cameras



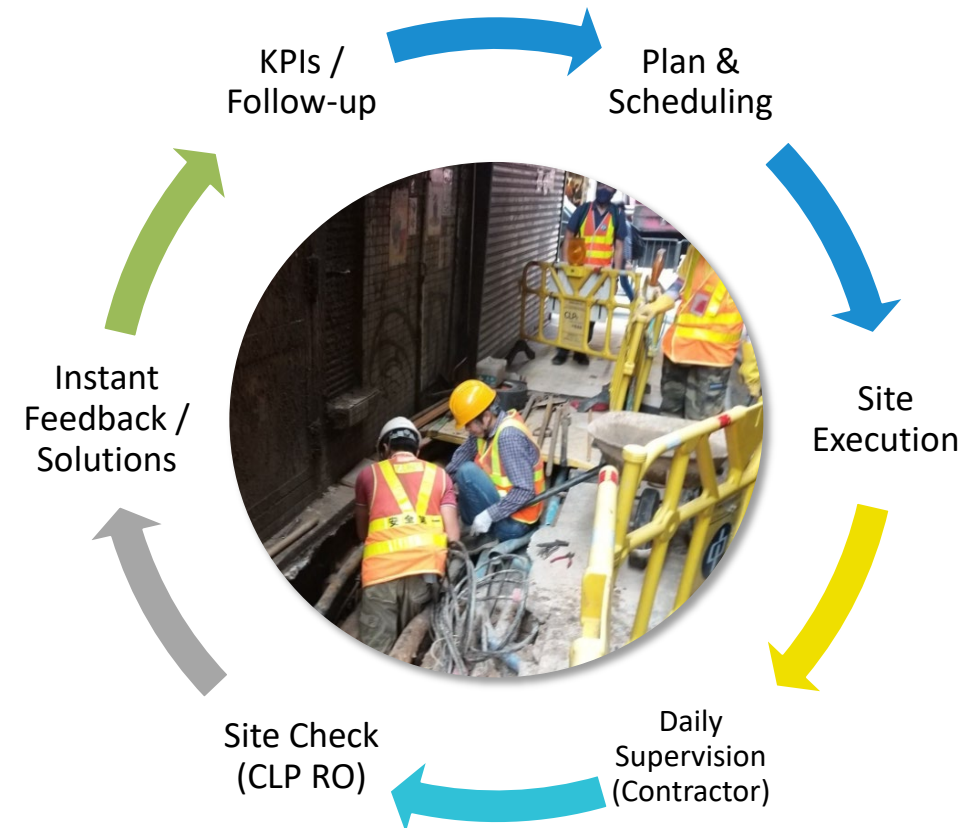
Real-time Gas Detection and Workers' Physical Conditions Monitoring by Smart Watches

Active Supervision - Short-Interval-Control (SIC)

- Improving SIC controls and the supporting supervisory routines is one of the most important aspects of improving a process performance.



- Full set of plan-do-check-act



Walking Is Caring!

Way Forward



Stronger Together. Join Us!