



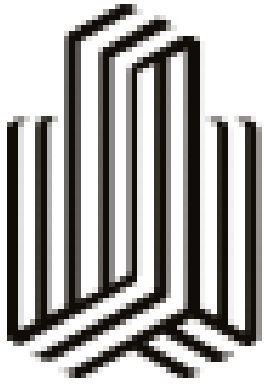
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EXERCISE SUPERCHARGER
SIMULATED EV FIRE IN A BASEMENT CAR PARK L-3

EV FIRE IN A BASEMENT CAR PARK L-3

- THE PROBLEM
- THE METHOD
- HOW IT WENT
- WHAT WE LEARNED
- WHAT WE DID ABOUT IT

THE COLLABORATION



THE PROBLEM

- **EV FIRES - IMPACTS**
- **SUSTAINABLE FUTURE**
- **EXISTING PROVISION**
- **RARE EVENTS, BUT WHAT IF...**
- **PLANNING AHEAD**

THE METHOD

- REVIEW
- ENGAGEMENT
 - LFB
 - ICL
 - CWG TEAMS
- DISCUSSED
- REPORTED
- RECOMMENDATIONS

A passerby notices a cloud of gas coming from the front wheel arch of a parked car, L-3 of car park under a supermarket.



Very quickly the area starts to fill with smoke reducing visibility. Smoke detection is only situated by the exit doors and so far, has not activated.

The passerby's call to the emergency call centre has raised the alarm and LFB have been called

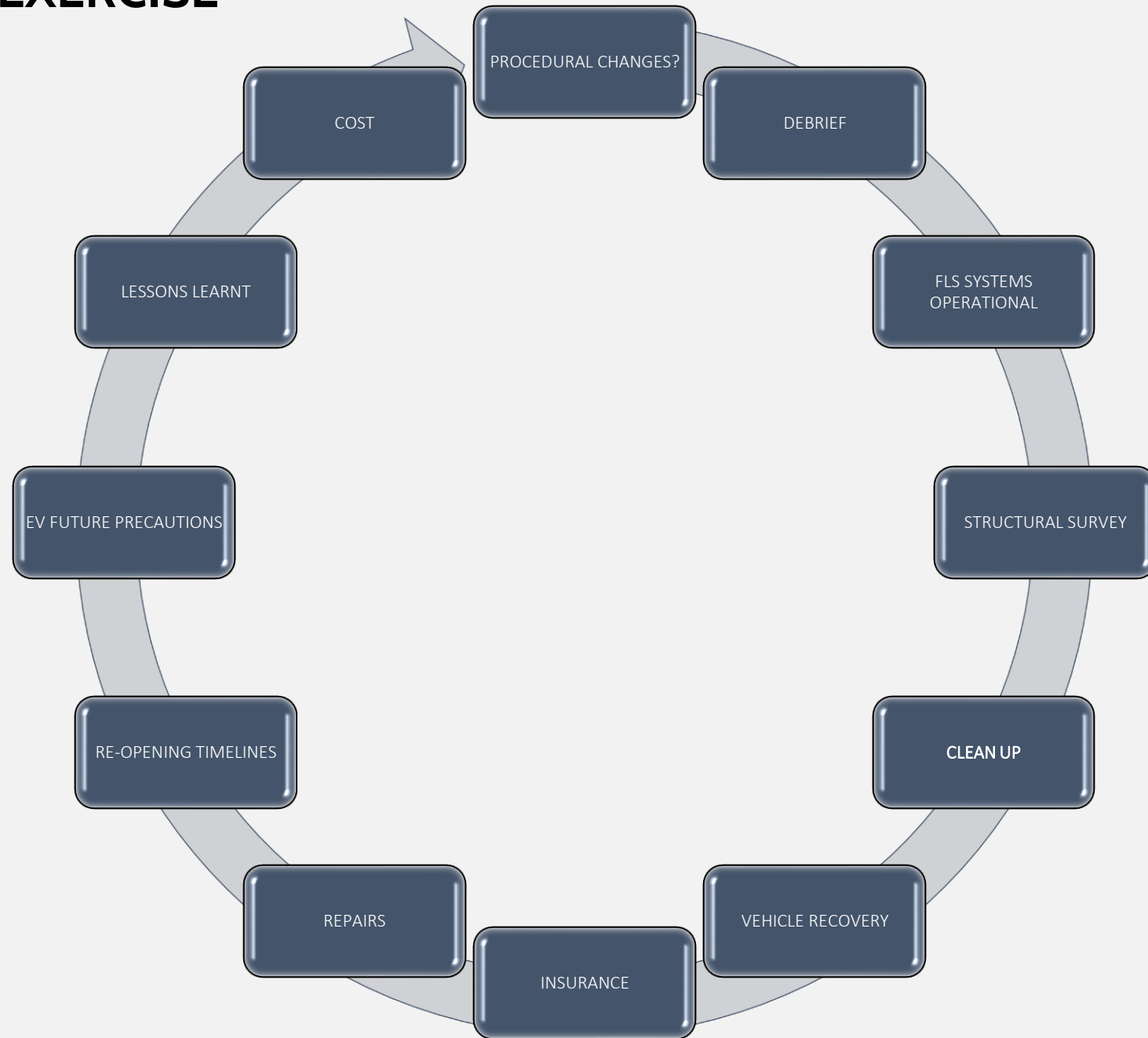


Smoke begins to vent via the basement extractors and clearly visible from outside the supermarket.





AFTER THE EXERCISE

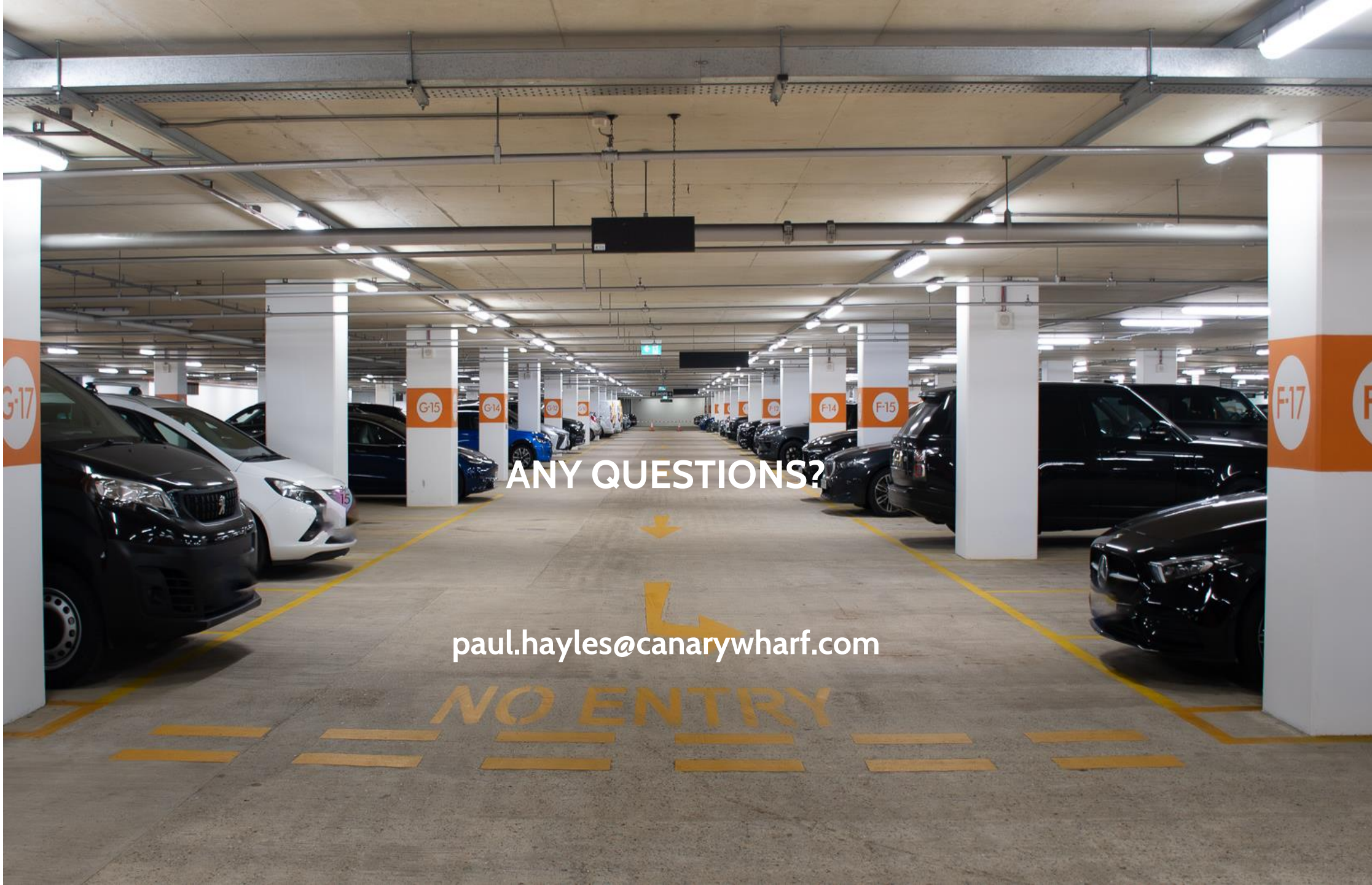


WHAT WE LEARNED

- **THE EXERCISE ALLOWED US TO PRACTICE OUR RESPONSES TO THIS INCIDENT TYPE**
- **WE HAD THE OPPORTUNITY TO WORK WITH THE LOCAL FRS**
- **ENGAGED WITH INSURERS AND STAFF GROUPS WHO MANAGE THE ESTATE**
- **THE FIRE MODEL DELIVERED A REAL-WORLD AND REALTIME DEVELOPING FIRE**
- **WE HAD TO RESPOND AND REDUCE RISKS AS SOON AS POSSIBLE AND,**
- **MAKE ARRANGEMENTS TO DEAL WITH AN ESCALATING INCIDENT**
- **WE COULD CONSIDER ADDITIONAL MEASURES TO FURTHER ENHANCE SAFETY**

WHAT WE DID ABOUT IT

- **WE CREATED A CWG STANDARD FOR EV CHARGING STATIONS IN OUR BASEMENT CAR PARKS**
- **REVIEWED AND AMENDED EXISTING PROCEDURES**
- **CREATED TRAINING SLIDES – BITESIZE LEARNING**
- **APPLIED THE MEASURES FROM OUR STANDARD TO A CURRENT PROJECT**



ANY QUESTIONS?

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NO ENTRY