SUPPLY CHAIN SAFETY LEADERSHIP GROUP

Home Safe and Well

Temporary Works

Excavations

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Safety Moment

- On your projects, who manages your Temporary Works?
- Does everyone know who that person is?
- Is that person competent and confident?
- Can you prove that?

Temporary Works (TW) Group

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The Team –

- Greg Wall - Octavius
- Chris Kennedy – Balfour Beatty
- Lauren Luck - Sisk
- Jerry Banks – FM Conway
- Graham Stanford – Volker Laser
- Steve Jones - Concrete Repairs Limited
- Tim Barber – Aureos
- Dave Griffiths – A E Yates
- Claire Coetzee – MJ Church

- Ian Horton-Plant – RKF & Richter - Chair

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Introduction – Ian Horton-Plant

- Civil Engineer in the industry since 2007
- Heavy Civils background with power generation, marine, power, rail.
- 1st TW role – Bristol Science Park – TW Supervisor for drainage 2010
- 2015 - TW Coordinator – Hinkley Point C for KierBam
- 2017 – TW Lead for VolkerFitzpatrick Rail
- 2020 – Head of TW for VolkerFitzpatrick
- 2024 – Director of Temporary Works Training RKF & Richter

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Why was the TW Working Group Started

- The National Highways Safety Leadership group has been running for several years
- Research highlighted significant risk areas which gave rise to working group including occupational road, incursions and…
- Temporary Works!

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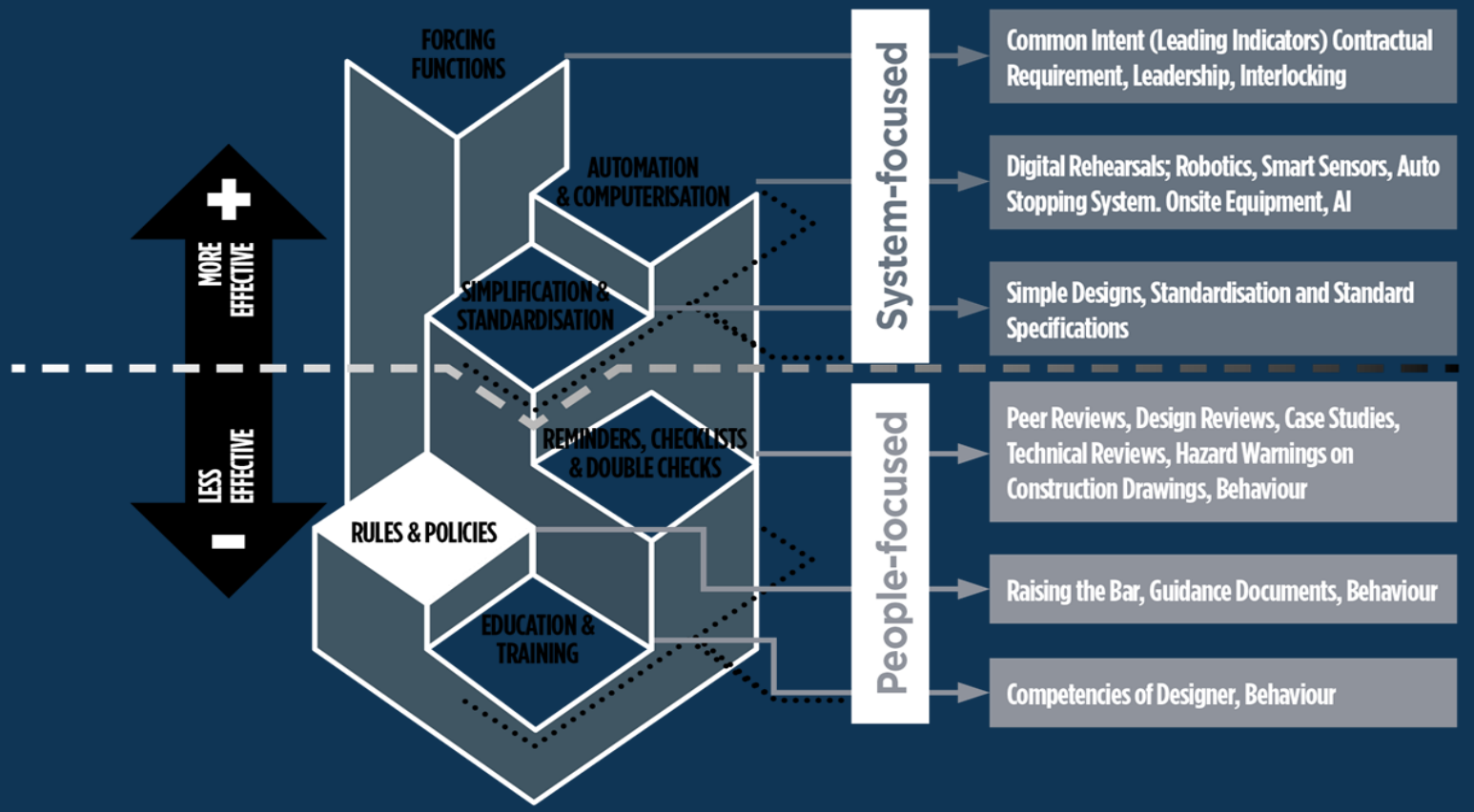
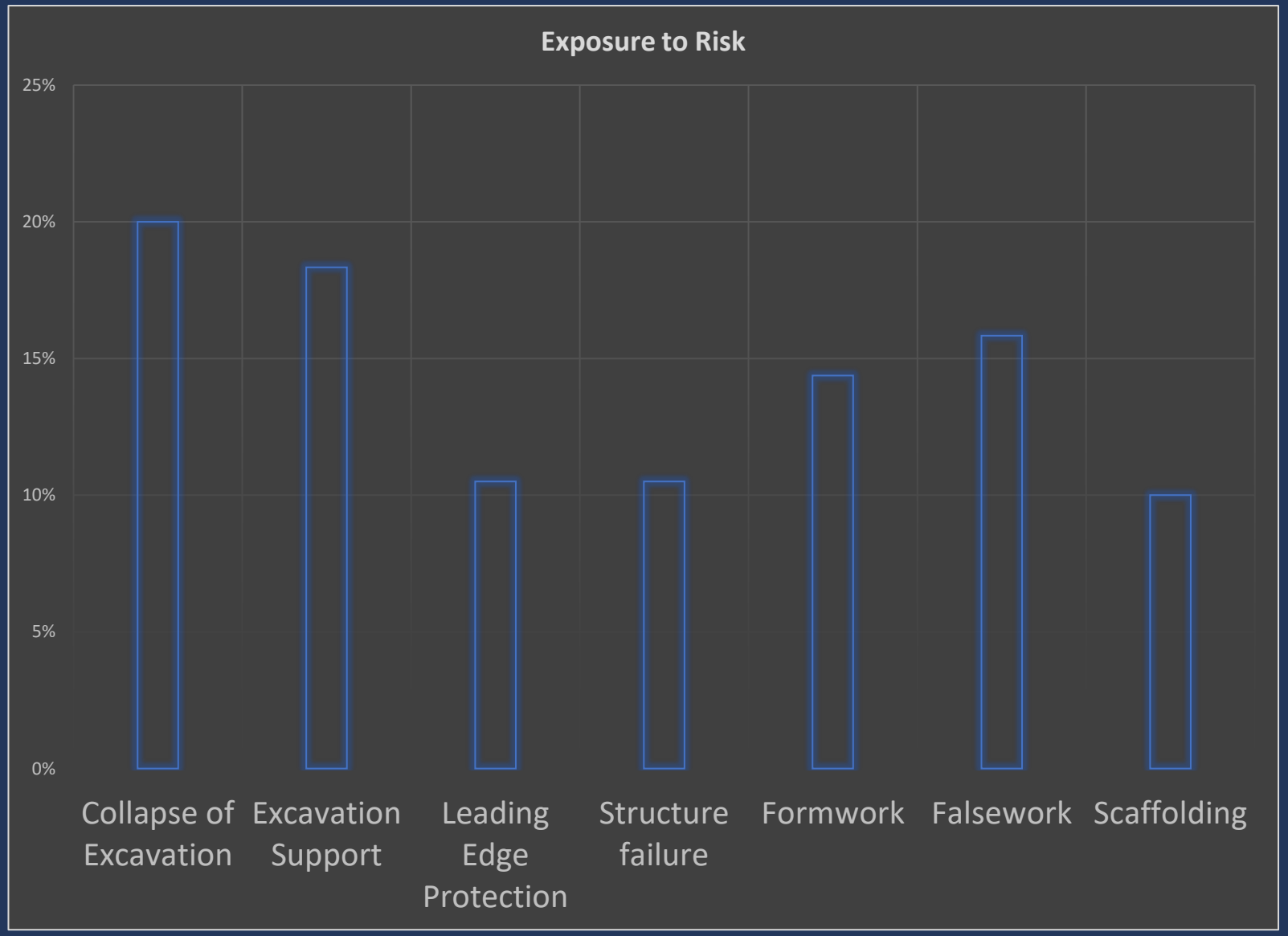
How are we going to approach this?

- Research & experience
- Understanding the problem
- Reach out industry experts
- Looking for a base level of requirements
- Identifying controls
- Getting above the line
- Systems not people



Issues in Temporary Works



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- Take a moment to look at the graph
- Any Surprises?
- No, us neither
- Combine the two left columns
- What type of temporary works are you choosing first?

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Why shallow excavations?

- Almost every project has some kind of excavation
- People still get seriously injured or killed
- Under the radar

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Under the Radar

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Under the Radar

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Under the Radar

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Exposure?

- How many massive red cranes vs how many hi-abs?
- How many cheeky little scaffolds vs how many steel monsters!
- How many excavations happen every days on or near our roads?

1,000s per region

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Why Excavations for me?

- 1st TW Supervisor appointment
- Bristol Science Park
- Just done SSSTS
- Works Manager, Mick McQueenie
- Learning to swear!
- Deliver safety critical instructions with authority

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Industry group involvement

- Think TW, think TWf
- Working group now convened
- WG44 includes representatives from major contractors, shoring hirers and the HSE
- Hope to get involvement from Shoring Technology Interest Group

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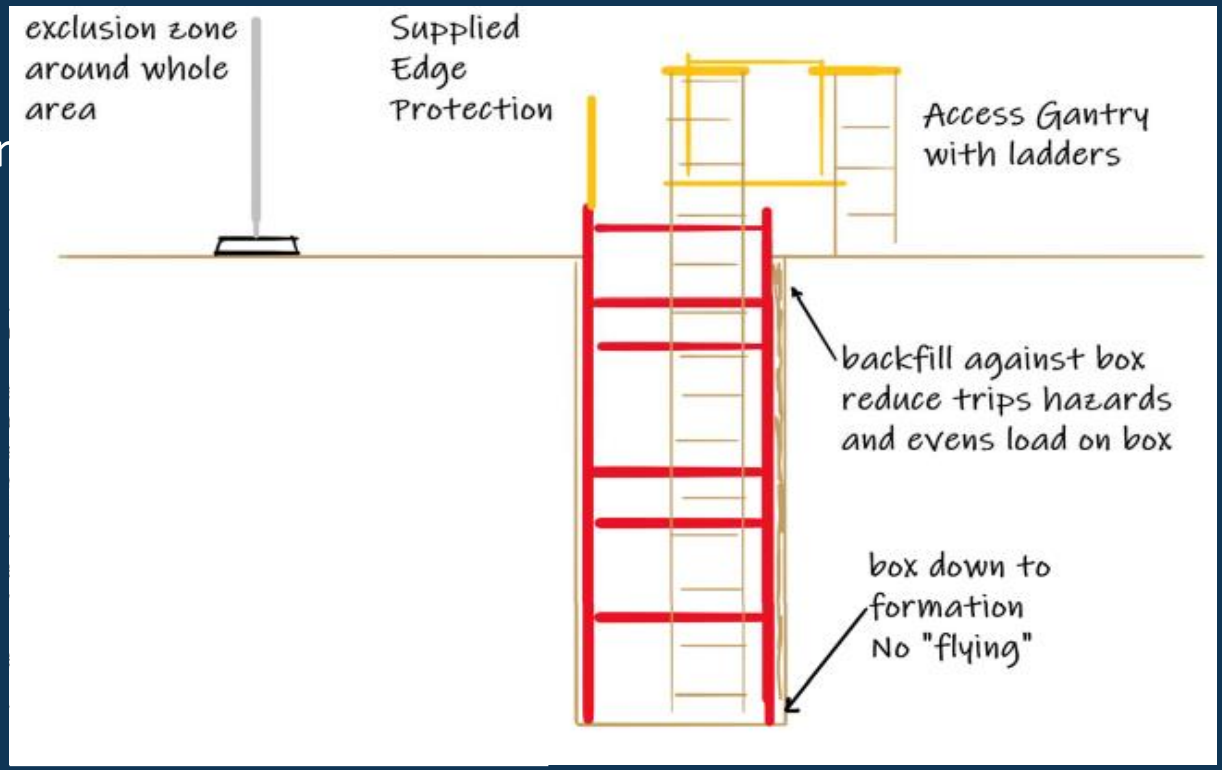
Basis of guidance

- Working our way up from the bottom
  - No single document about excavations
  - Therefore, no baseline for measuring performar
- MUSTS
  - NO DEPTHS
  - Clear, approachable
  - Site-based, not design based
  - Sketches that can be followed by the Foreman on the coal face



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What will we do with it?

- Get the message out there
- Make it freely available
- Brief it, implement it, measure it

HEAR YE, HEAR YE. EXCAVATIONS NEED TO LOOK LIKE THIS FROM NOW ON

Homer Simpson, 2025

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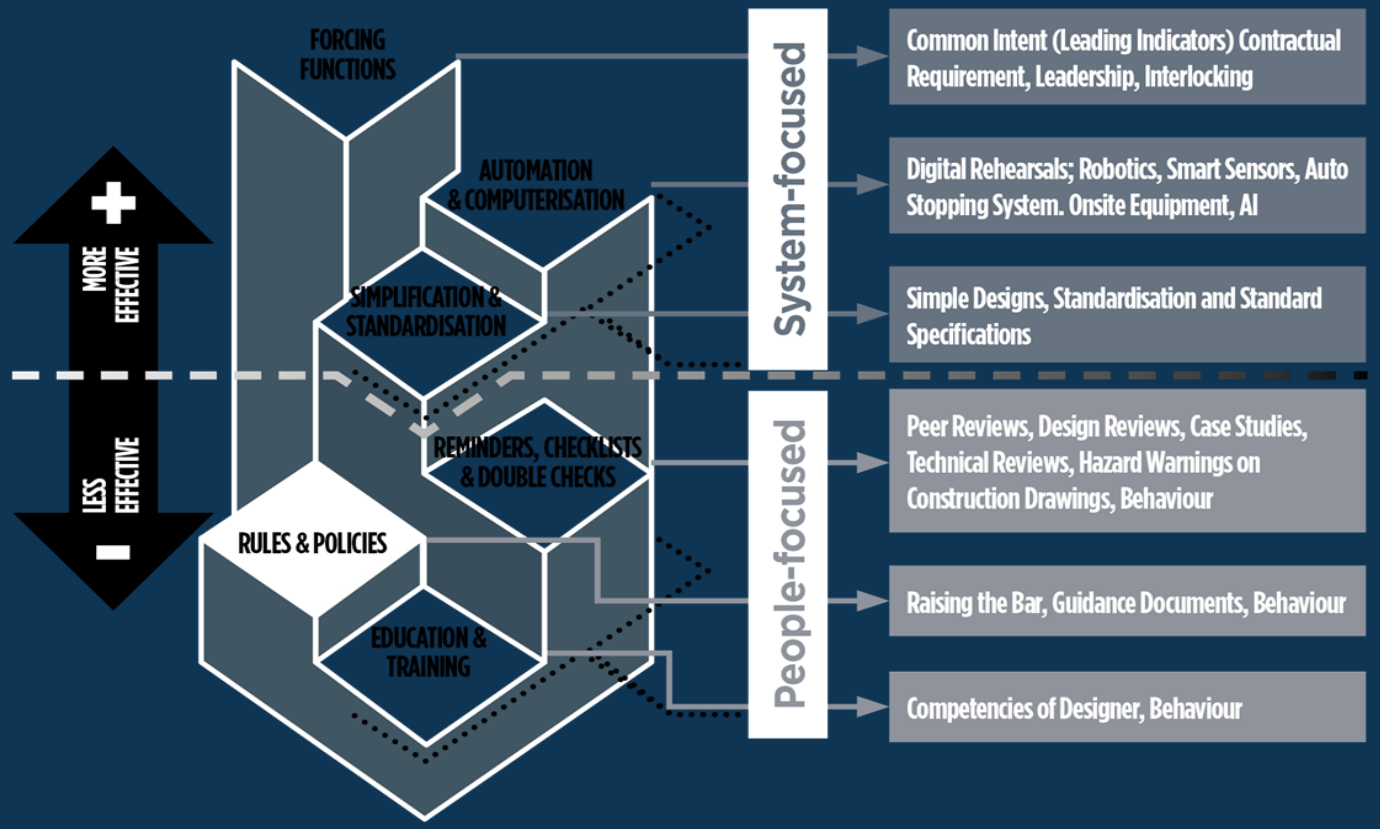
In the future?

- Can we push from this and look at introducing technology?
- Can we work toward automation?
- Once we've set this baseline will there be another baseline in the future?
- Plenty of other temporary works to look at



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Interested in helping?

- Get in touch

- Ian Ian.horton-plant@richter.global or via LinkedIn
- Robin James Robin.James@twforum.org.uk

- Any easy questions?