

Slip Accidents: Serious, Scientific, Stoppable

The #1 Cause of Accidents — and How to Stop It in 5 Scientific Steps



**WHAT YOU'LL
GET OUT OF
TODAY'S
SESSION...**



**THE #1 CAUSE OF
ACCIDENTS,
INJURIES AND
INSURANCE CLAIMS
IS PREVENTABLE –
AND HERE'S HOW...**





Fewer Incidents



Better defensibility



Proven science

What's in it for you?



Fewer Incidents



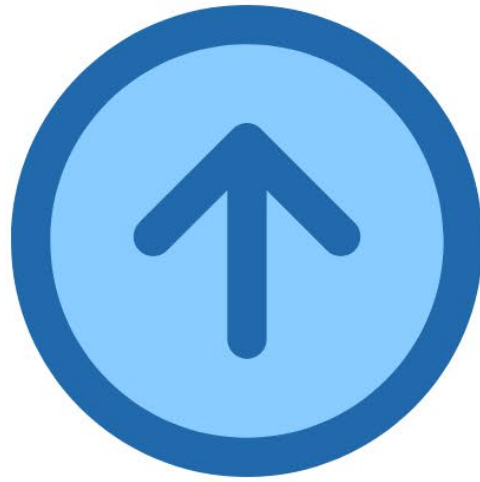
**Professional
Credibility**



Less Harm



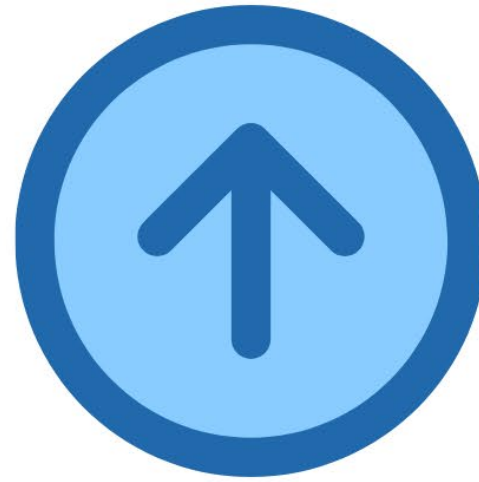
Moral Fulfilment



Time Back



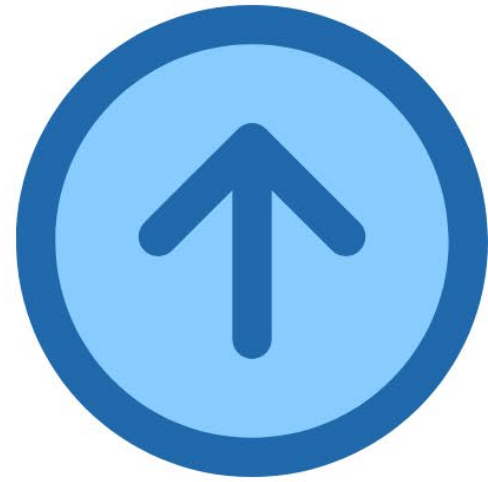
**Freedom and
Headspace**



**Recognition and
Respect**



Career Capital



Reassurance



Peace of Mind

HAVE YOU EVER FELT ONE OF THESE EMOTIONS ABOUT SLIP ACCIDENTS?

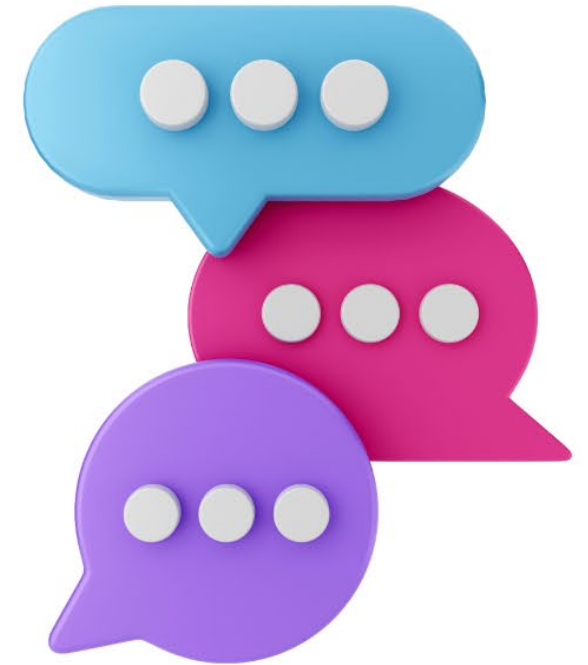


Simple?

Cheap?

Inevitable?

Not that serious?



MY STORY - AND WHY I CARE ABOUT THIS

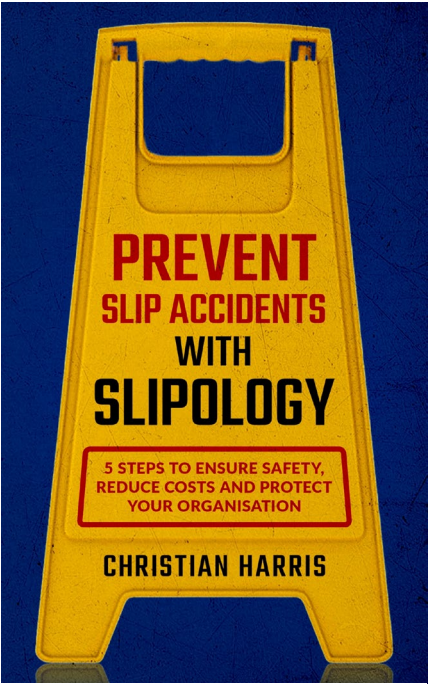


The day that changed my life

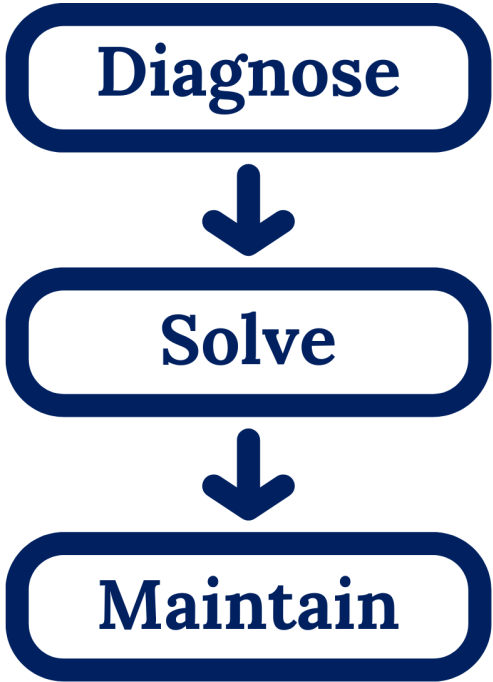
Sunday 13th May 2012...



Since then...



#1 Best Seller



Property Services

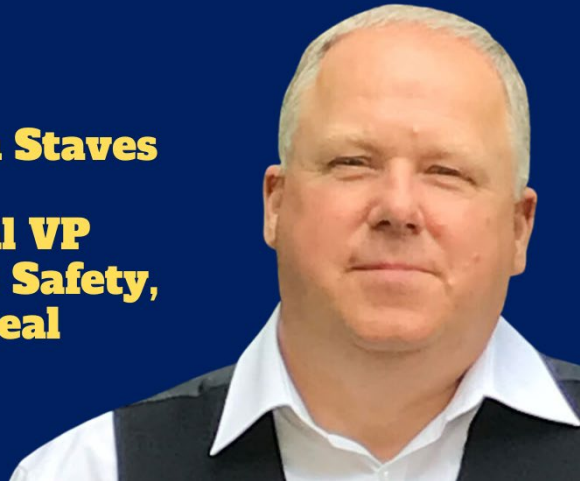


What others have said

“Slips are often the most difficult of incidents to avoid as many factors come into play. Christian skilfully unpacks why slips happen and proposes a roadmap to reduce injuries from them. If slips are a challenge to you then Slipology is for you.”

Malcolm Staves

**Global VP
Health & Safety,
L’Oreal**



“Christian takes a highly accessible approach to a common, and complex, topic that many practitioners consider to be too complex to handle. Slipology beaks slip prevention down and makes it possible, through good risk management, to, not only manage our risks but be able to evidence that our risks are ALARP and, as such, defensible should we ever need to. This is essential reading and a well-read copy should be on the shelf of every practitioner.”

Rosie Russell

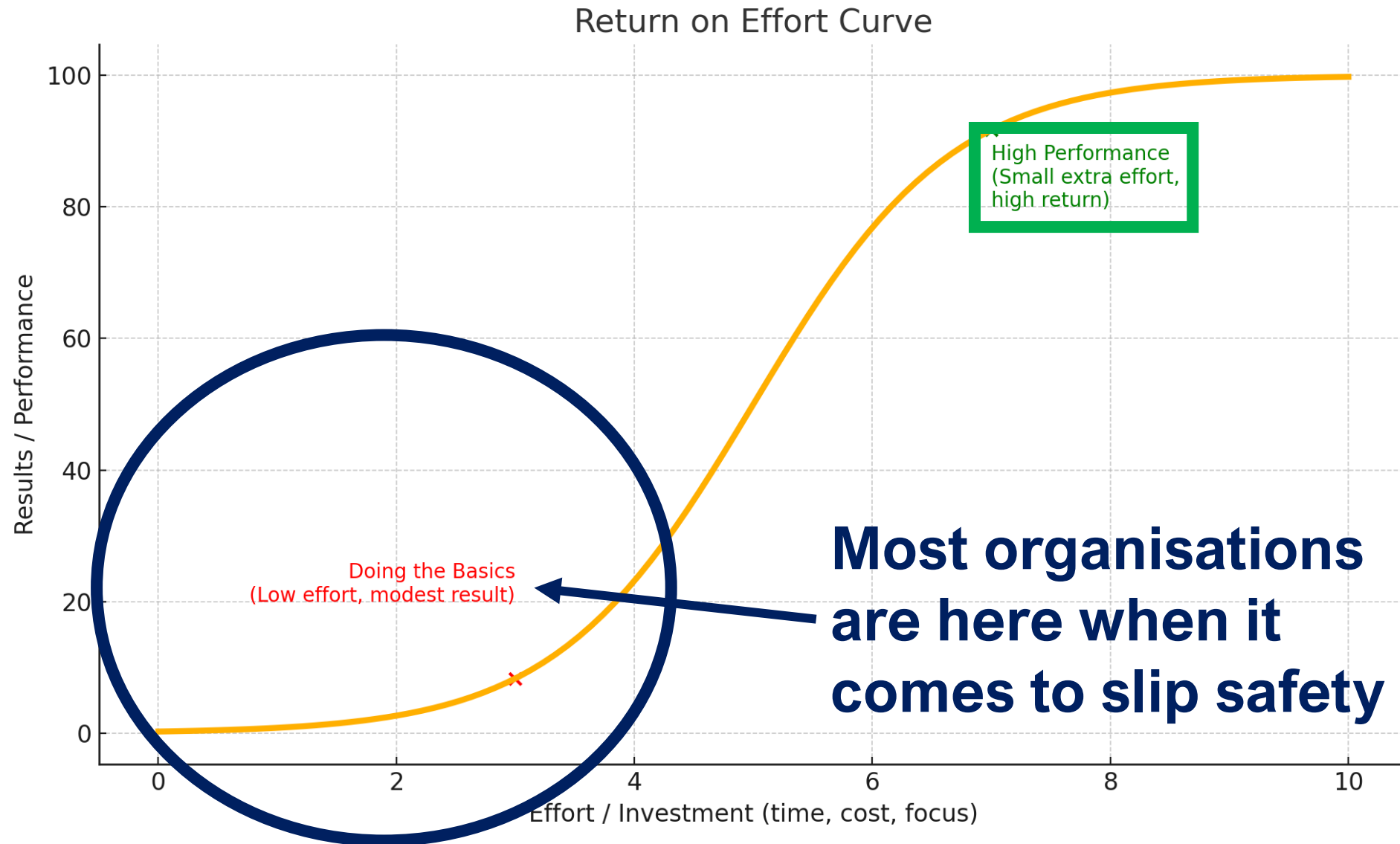
**Co-President,
IIRSM**



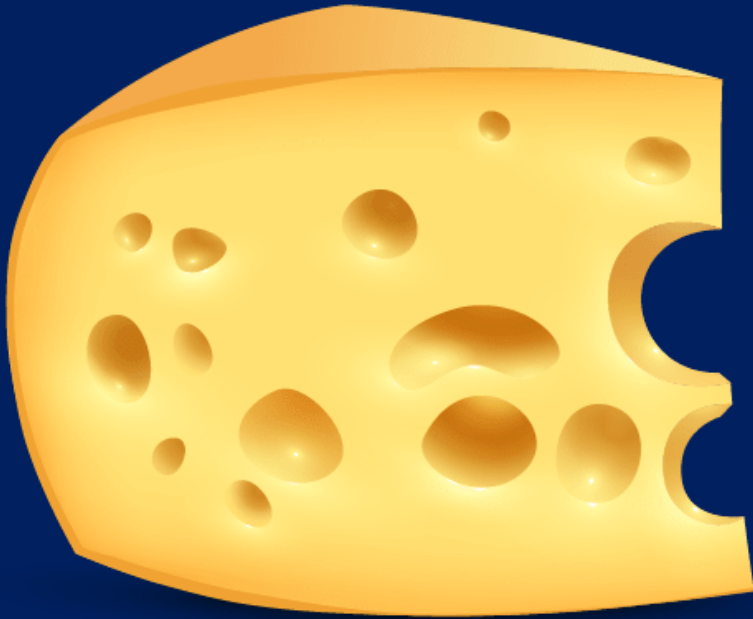
THE X-RAY - THE HIDDEN COST AND SURPRISING PROBLEMS OF SLIPS



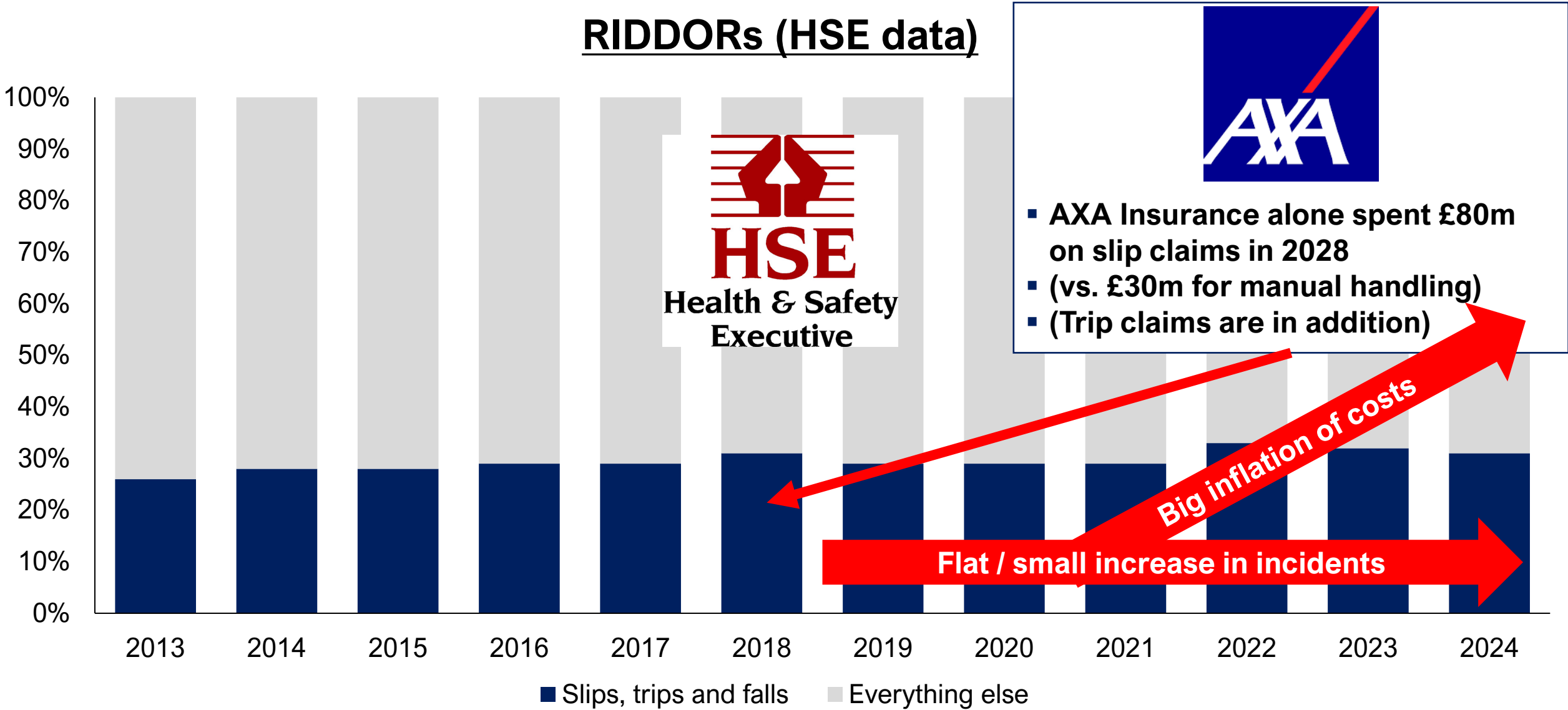
Return on effort curve



SWISS CHEESE VS PENNE PASTA



What's the definition of insanity...?





**A broken bone
every 3 minutes**



**300,000 A&E
admissions**



**1.5m NHS Bed
Days**



**A dozen
amputations**

In the UK, slips and falls cause...



**of most sectors'
accidents,
injuries and
claims**



**£1bn+ of
insurance claims
(£10,000 is the
average claim)**



**£10,000s of
uninsured
"hidden costs" for
every accident**



**6-figure criminal
fines e.g. Tesco
£733,333 in 2020**



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Hemel Hempstead Tesco fined £730k after man, 91, breaks hip

🕒 24 January 2020

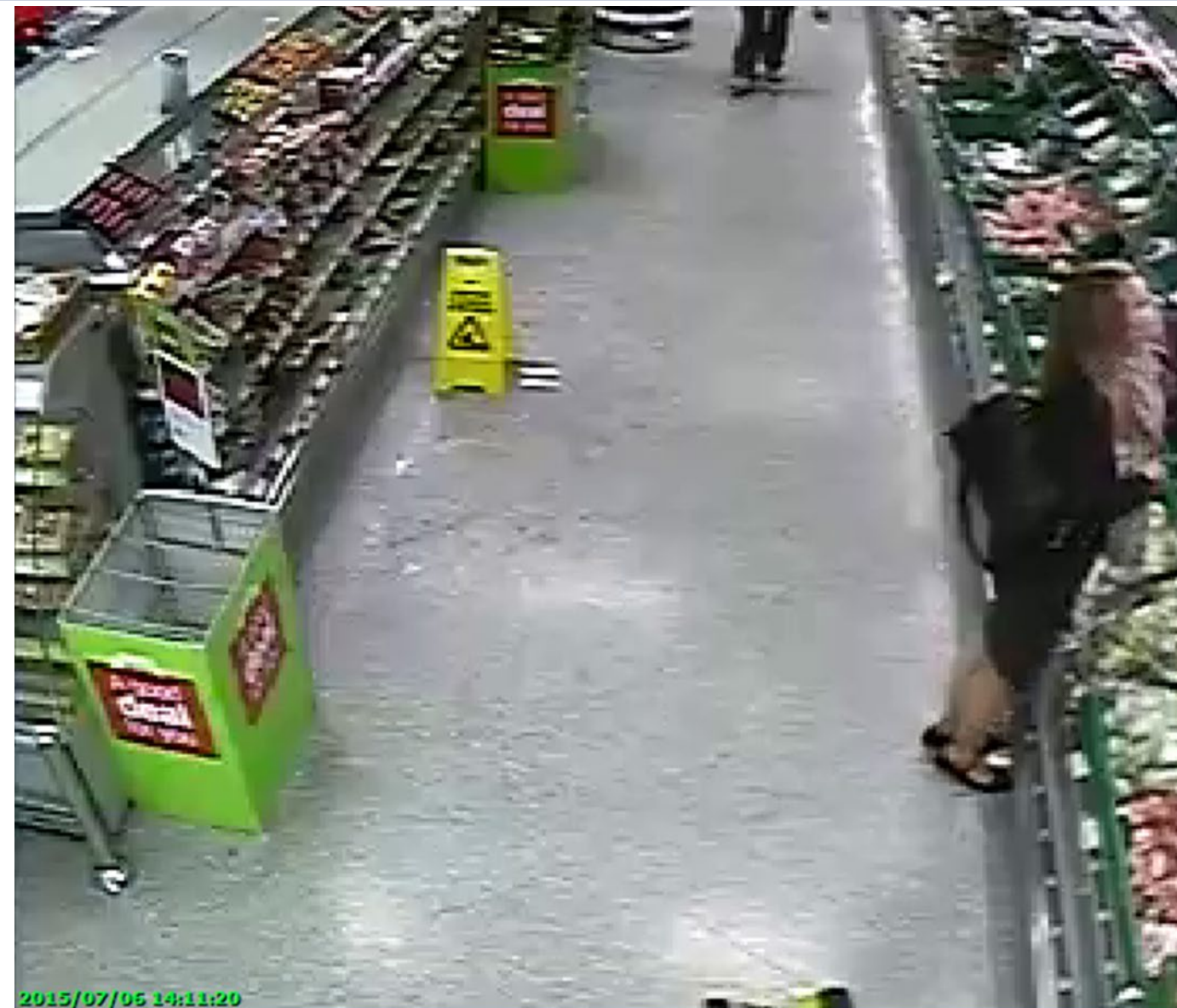


SBNA

Dennis Satchell was walking between aisles 17 and 18 in the dairy and meat sections of the shop when he fell

Tesco has been fined £733,000 after a 91-year-old man broke his hip when he slipped on water on the floor of one of its stores.

Dennis Satchell had to have surgery following the fall at the shop in Jarman Park in Hemel Hempstead, Hertfordshire, on 6 August 2015.



**“
Signage alone is not
an adequate control.
Proactive measures
must be taken to
either prevent
floors becoming
slippery or
precluding public
access.”**

**Sarah-Jane Brown,
Cornwall Council**

**SLIP
SAFETY
SERVICES**

The **SLIP** Problem



Simple

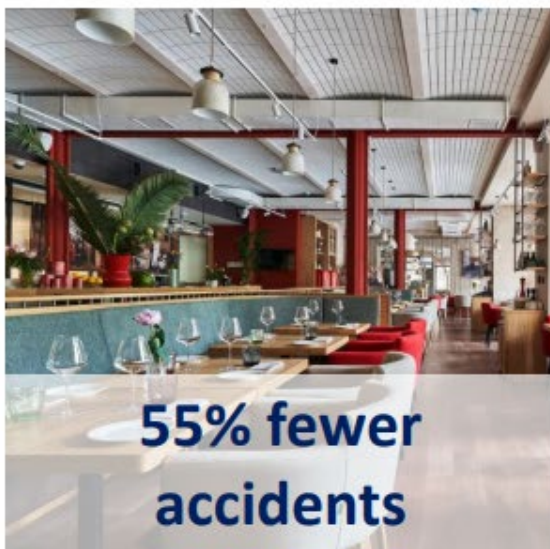
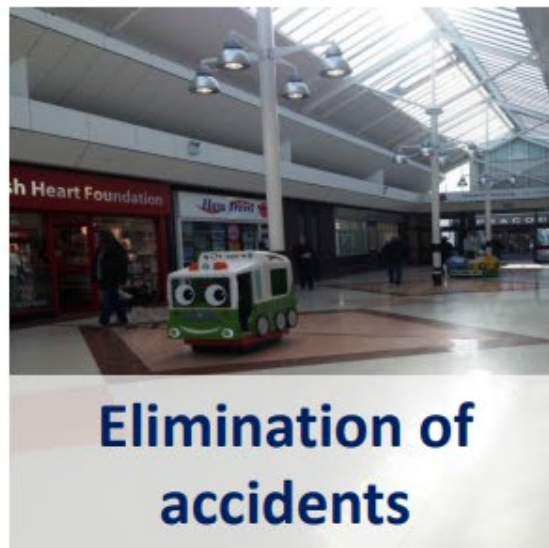
Low-cost

Impossible-to-solve

Paltry

**IMAGINE THIS
INSTEAD -
WHAT SUCCESS
LOOKS LIKE**







**60% fewer
incidents**

PURPOSE

PROGRESS

PROFIT

PERFORMANCE

PROTECTION



**From 1
claim per
week to 1
claim per
month**

THE 5X MISTAKES KEEPING SLIPS ALIVE



MISTAKE 1



**Relying on signs
as a solution**

There are only 2x times to ever use a “wet floor” sign:



1) During proactive, pre-planned cleaning (30 mins)



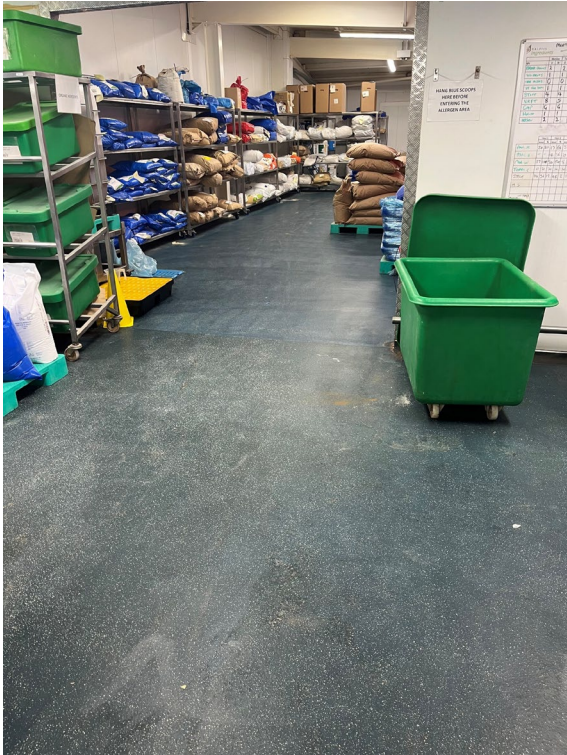
2) Whilst a spillage is being dealt with (5 mins)

MISTAKE 2



**Believing
cleaning = safety**

MISTAKE 3



Assuming “anti-slip” surfaces stay that way

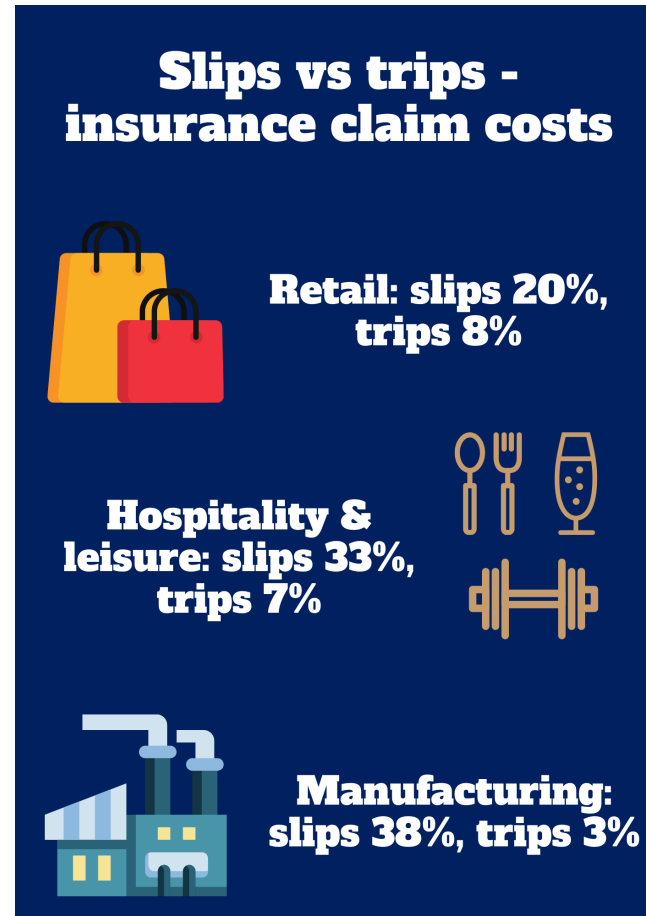
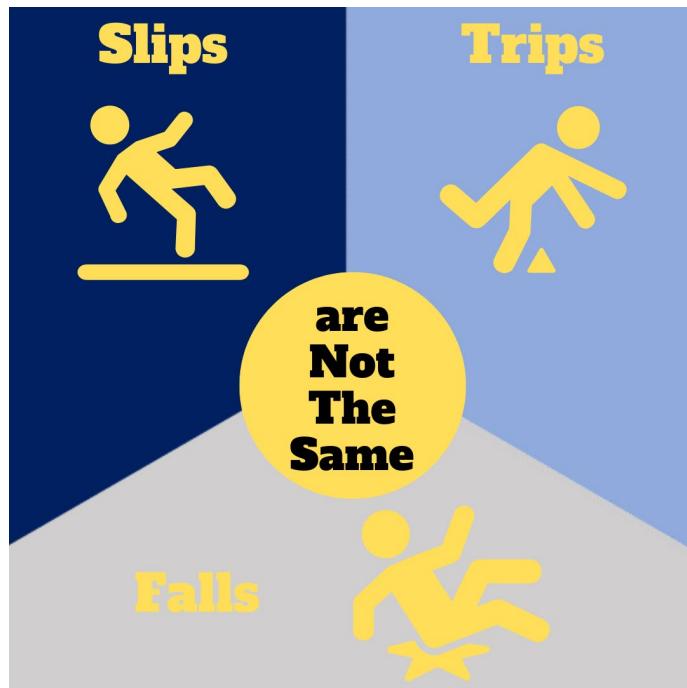
MISTAKE 4

- Excess
- Aggregate
- Next year's premium
- Uninsured costs (8-36x, per HSE)



**Thinking
insurance covers
the problem**

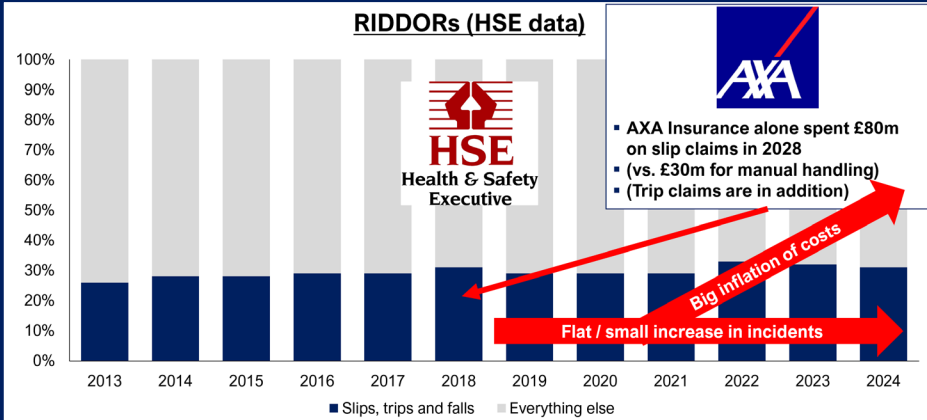
MISTAKE 5



Treating slips like trips

THE COST OF STANDING STILL

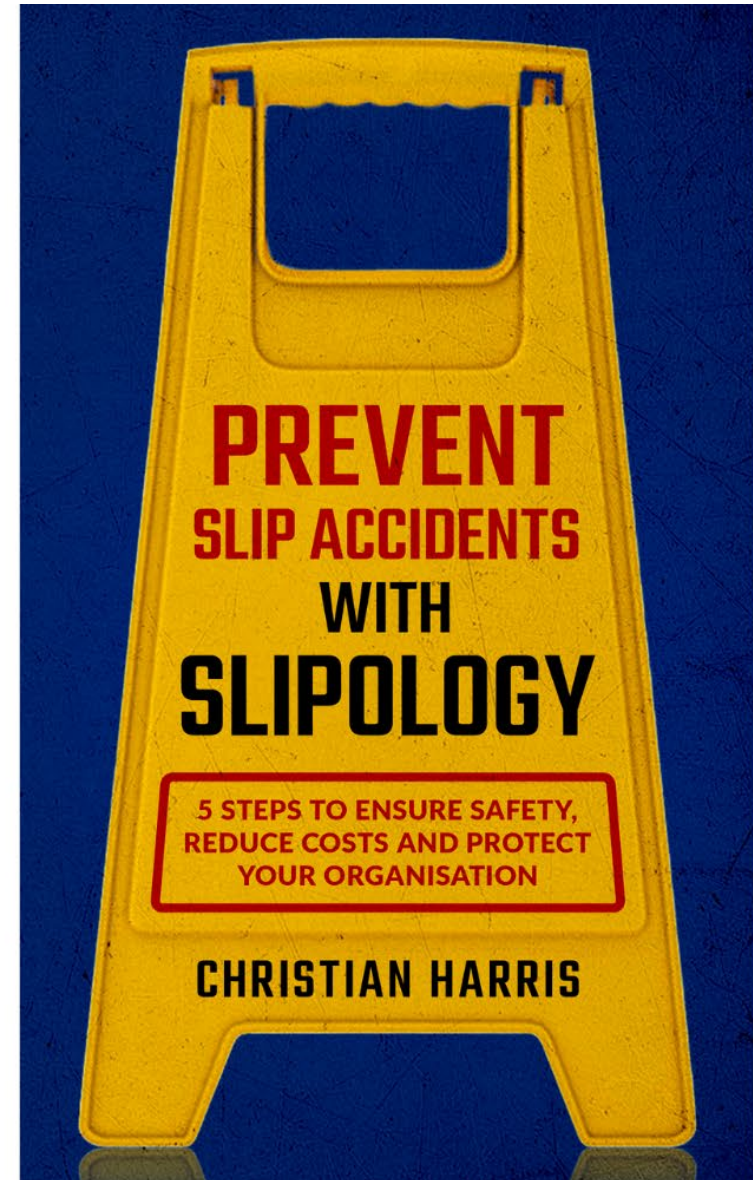




- Fewer incidents
- Less harm
- Lower cost
- Less stress
- More trust
- Profit From Safety

- More incidents
- More harm
- More cost
- More stress
- More scrutiny

THE SLIPOLOGY METHOD - PREVENT SLIP ACCIDENTS IN 5 STEPS, WITH SCIENCE



THE 5-STEP SLIPOLOGY METHOD

- I'll focus on Assess & Amend today
- I'll share 3x key principles that flow throughout



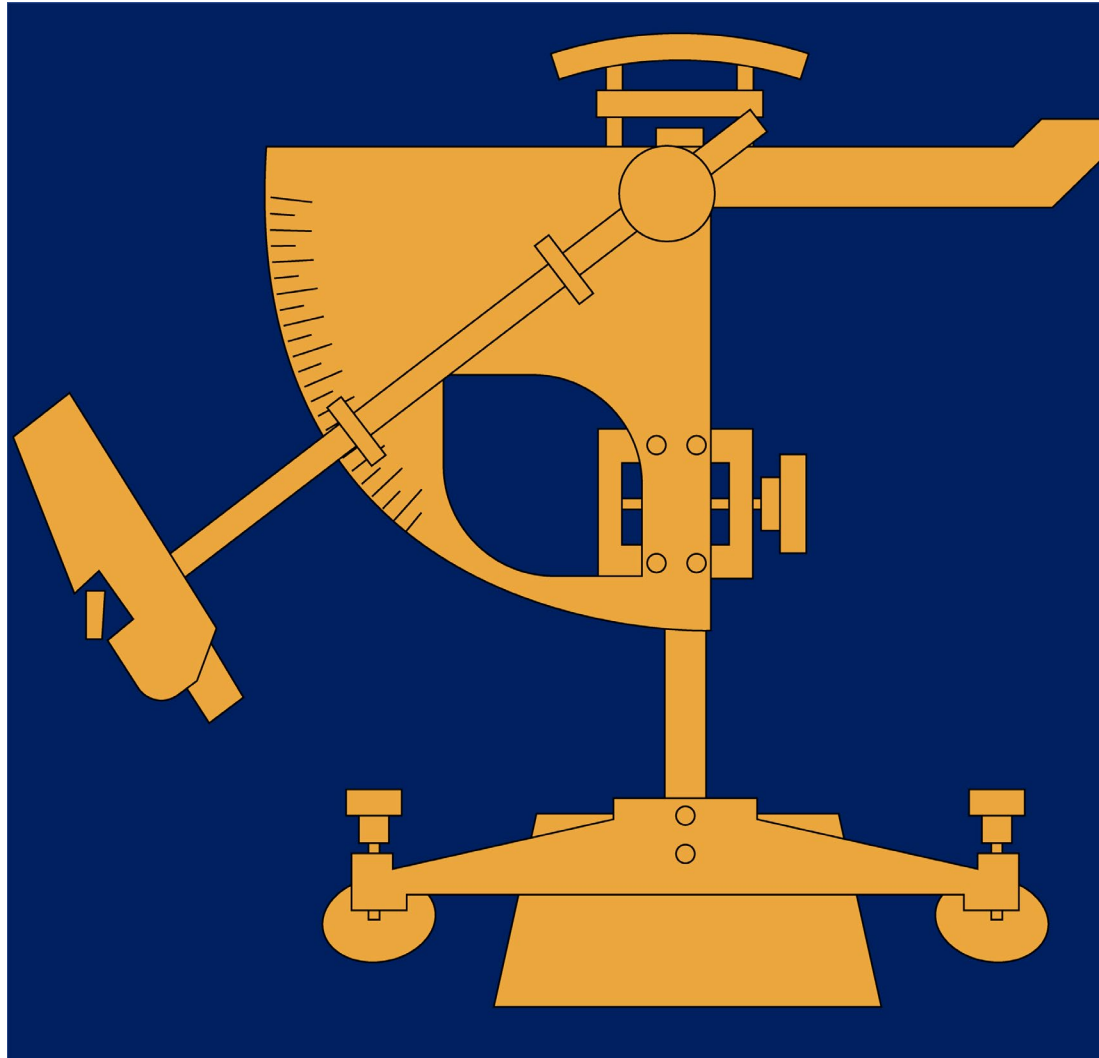
CHIMES: the six causes of slips



Slip testing: scientific measurement

Pendulum test:

- ✓ Used by HSE
- ✓ Used in courts
- ✓ Mimics heel strike
- ✓ Output: Pendulum Test Value (PTV)
- ✓ Test any floor in-situ



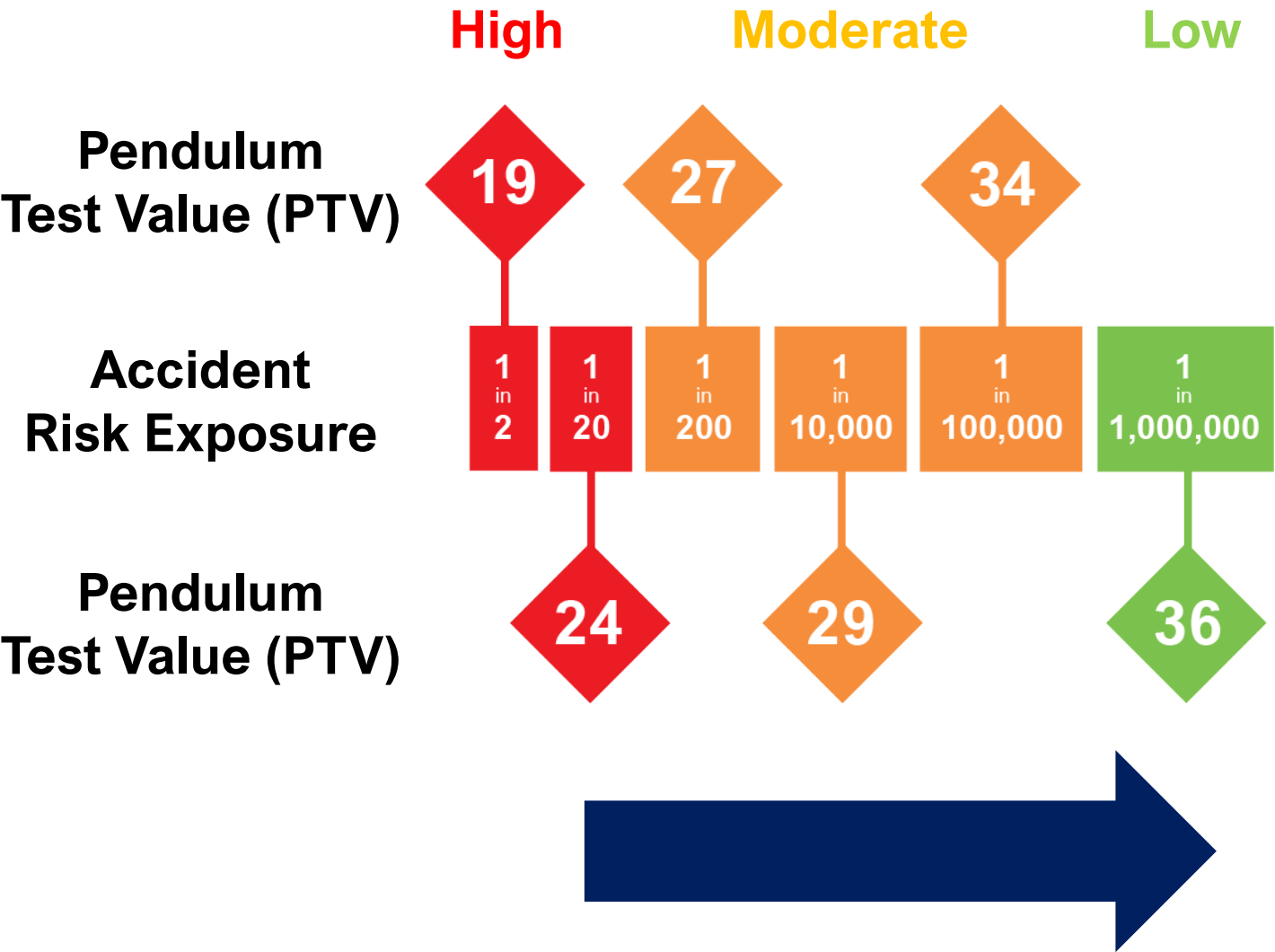
Testing floors scientifically



Slip testing: scientific measurement



Slip testing: scientific measurement



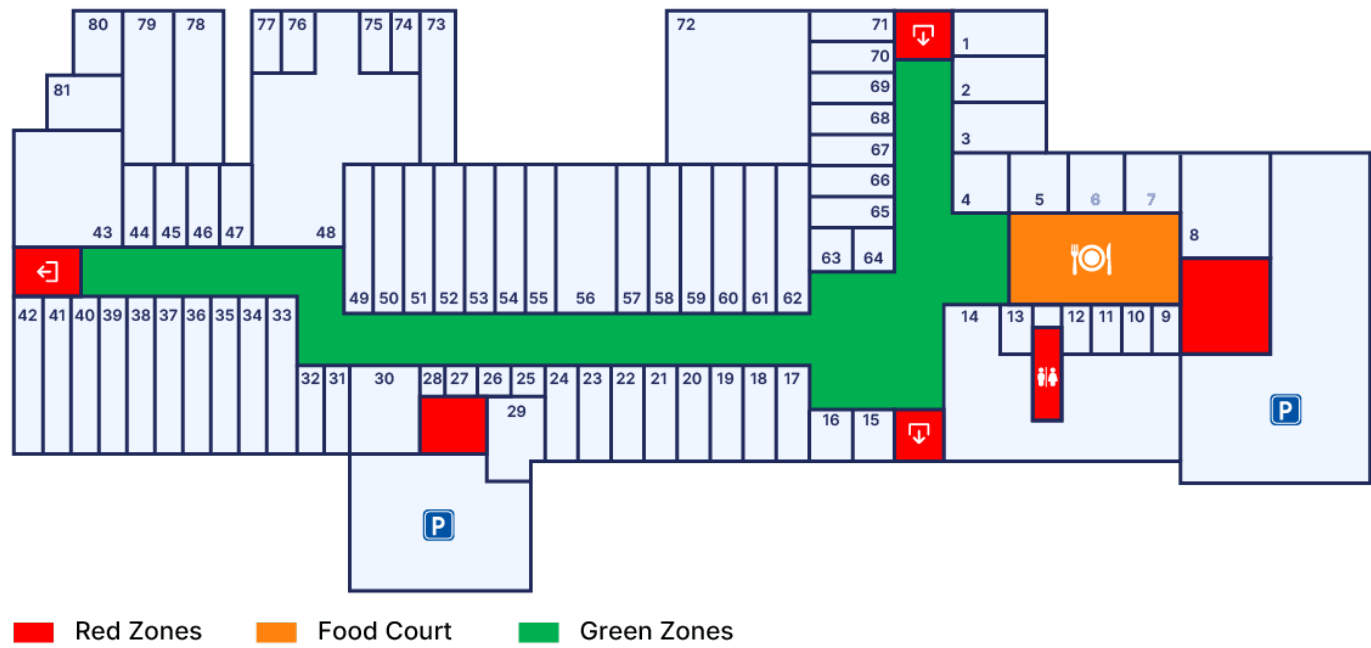
Slip testing: scientific measurement

A man in a dark suit, white shirt, and striped tie stands next to a yellow caution sign that reads "CAUTION WET FLOOR". The sign is on a tiled floor. A white rectangular box with a thin black border is overlaid on the sign, containing the quote.

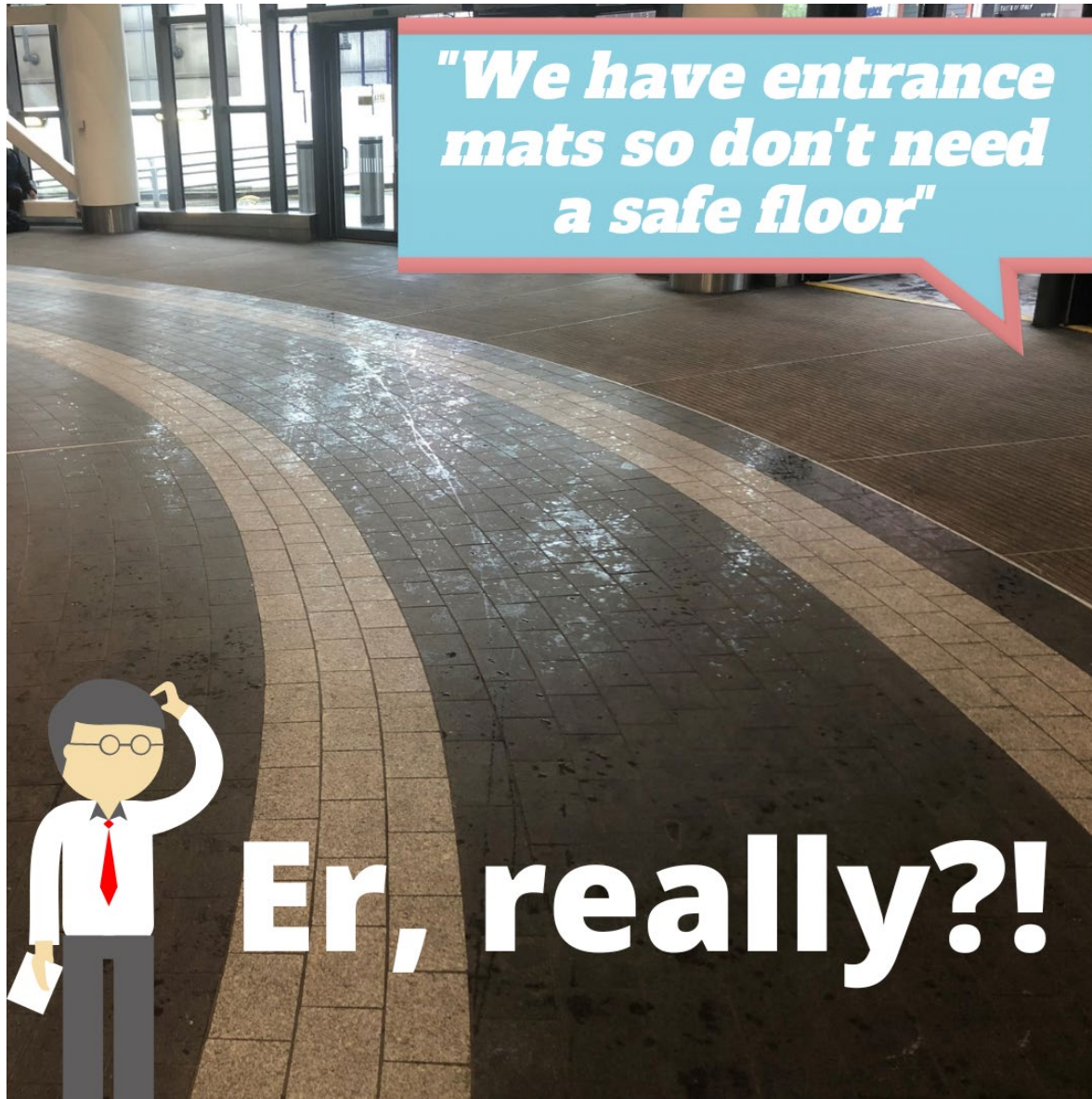
***If you have
compliant slip
test data, you
should expect
to defend that
claim***

David Scott, Keoghs

EXAMPLE OF ZONES



Zone your risk



- Size

Usage	Peak traffic per hour	Depth of matting required
Low	78	3-4 metres
Medium	400	6-7 metres
High	800	8-10 metres

- Material

- Maintenance

Stand inside on a wet day: does it actually work?

Actions arising from a slip test visit

**High slip
potential
(PTV 0 - 24)**

**Monitor for changes
Slip test annually**

**High priority to improve
floor's slip safety**

**High priority to improve
floor's slip safety**

**Moderate slip
potential
(PTV 25 - 35)**

**Monitor for changes
Slip test annually**

**Recommended to improve
to floor's slip safety**

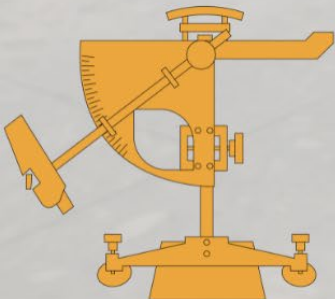
**High priority to improve
floor's slip safety**

**Low slip
potential
(PTV 36+)**

**Monitor for changes
Slip test annually**

**Monitor for changes
Slip test annually**

**Monitor for changes
Slip test annually**



**Floor that only gets wet /
contaminated during pre-
planned cleaning or
unexpected spillages**

**Floor that gets wet /
contaminated occasionally**

**Floor that gets wet /
contaminated frequently
and / or foreseeably**

Washroom CHIMES analysis



CHIMES Factor	Controlability	Example Controls / Considerations
Contamination	Moderately controllable	- Impossible to ensure the floor remains dry all the time - Ensure regular cleaning, especially during peak hours - Fit hand dryers or towel dispensers to prevent water drips - Place absorbent entrance mats just inside the washroom
Heel	Low controllability	- Impossible to control customers' footwear - Encourage design choices that minimise reliance on footwear - Staff PPE should include slip-resistant shoes
Individual	Low controllability	- Public users vary widely in age, mobility, and behaviour - Signage could help but is limited in effectiveness & doesn't protect in the event of a claim
Maintenance	Highly controllable	- Ensure scientific cleaning - Implement a planned maintenance regime for flooring - Address any leaks from sinks/urinals promptly - Replace worn surfaces or broken tiles
Environment	Moderately controllable	- Improve lighting for better hazard visibility - Avoid slopes or single steps
Surface	Highly controllable	- Specify and install high PTV flooring suitable for wet conditions - Anti-slip treat or replace floors that underperform when wet - Verify slip resistance through testing and re-test periodically (annually is best-practice)

THE BIGGER MISSION





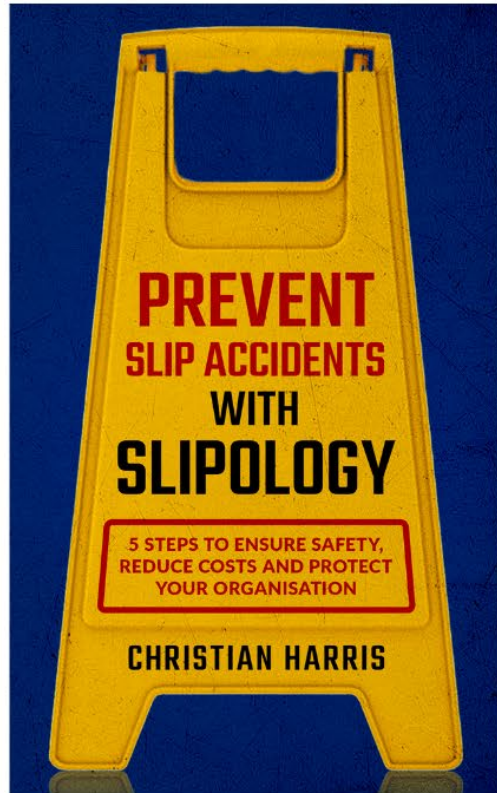
500K



**WHERE TO GO
FROM HERE**



GET YOUR FREE BOOK



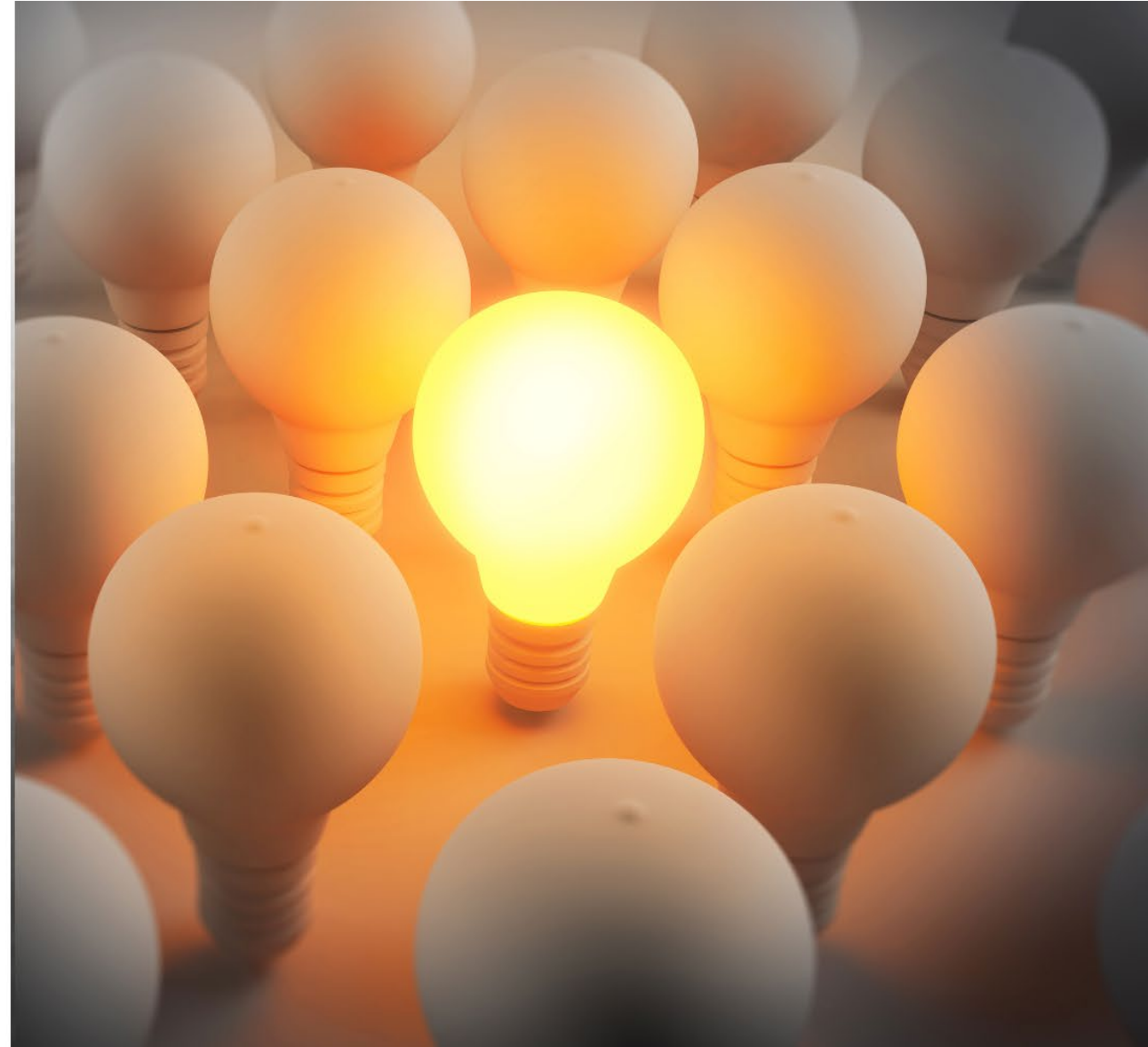
scorecard.slipsafety.co.uk/freebook

SELF-ASSESS YOUR SLIP RISK



scorecard.slipsafety.co.uk

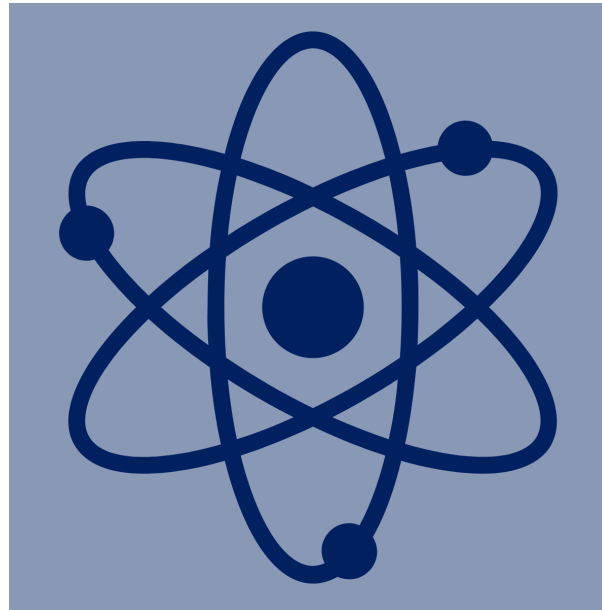
THE BIG TAKEAWAY



Serious



Scientific



Stoppable



