



**BRITANNIA SAFETY SOLUTIONS**

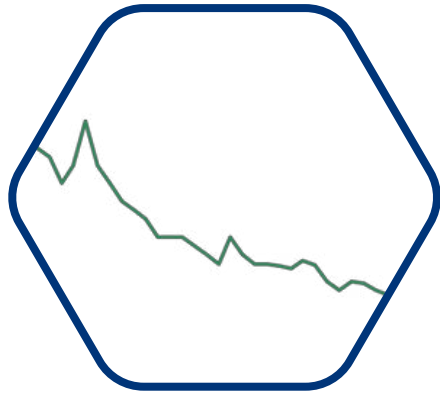
From recognition to  
prevention – potential  
Serious Injuries and  
Fatalities (SIF)

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# Timeline



1970s

The introduction of the H&S at Work Act 1974 - Framework!

1990s

Intro of 6 pack – explicit requires for risk focussed approach; reduction in fatality rates continued

2010s

Safety leadership and cultural focus, ISO 45001, sentencing guidelines. Improving investigations & Just Culture. Fatalities continue to plateau. **BPSF founded**

THE FORUM 



1970s

1980s

1990s

2000s

2010s

2020s

1980s

Fatality rates started to drop; notably a significant number of disasters

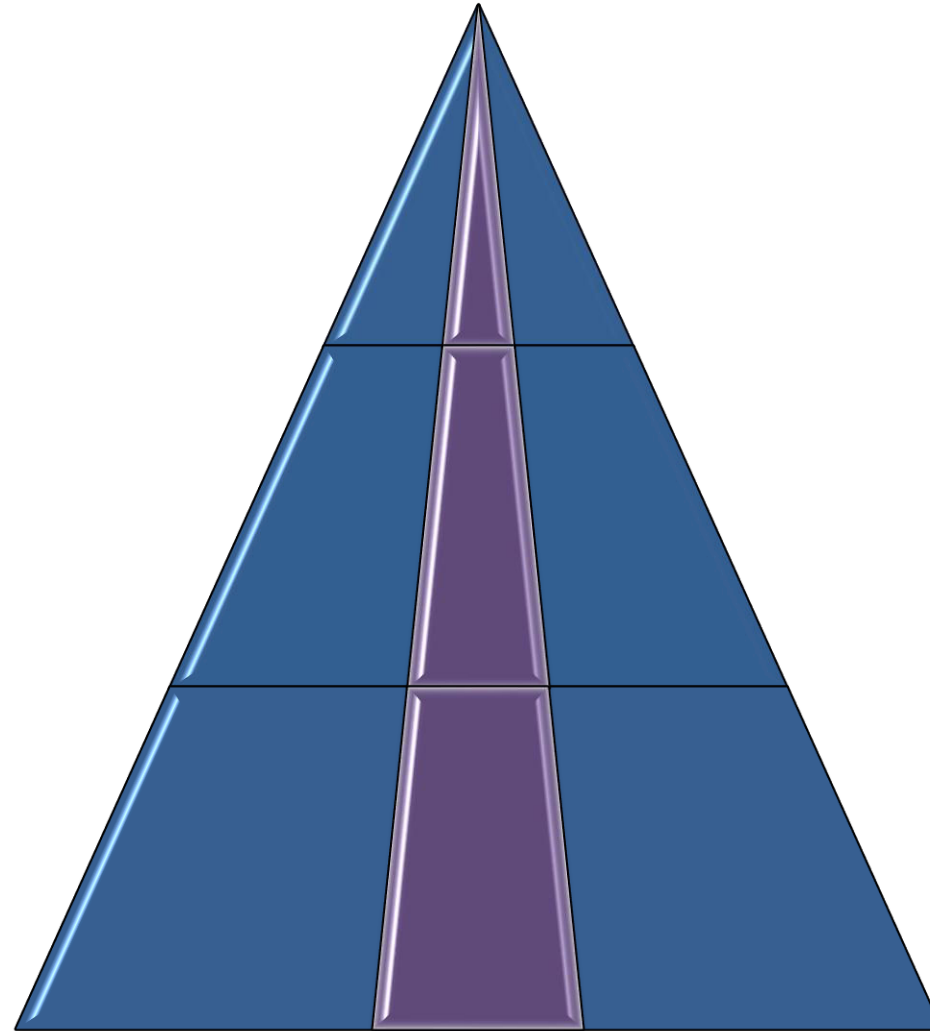
2000s

Safety risk management systems, competency improvements, with a functional approach to compliance: all incidents reduced, fatalities plateaued

2020s

Covid - brought together the sector. Recognition that potential SIF . Eyes open to potential SIF - working group.

# Traditional Accident Triangles vs SIF Potential





## SIF

### DEFINITIONS

The Headlines

Examples from within  
the sector

## SIFp

Serious  
Incident or  
Fatality

## SIFR

### Severe Injuries & Fatalities Rate

- Total No. of Recordable Injuries with SIFp + SIF actuals) x 200,000
- THW (Total Hours Worked)

## PSIF

### Potential SIF

A near miss where  
had the circumstances  
been slightly different  
the event could have  
reasonably resulted in  
a SI or F

## HiPo

A near miss  
that is likely to  
result in life  
changing  
injuries or  
death

## pSIF

An incident where  
the worst case  
reasonably  
foreseeable  
outcome was a  
life changing  
injury or fatality

## SIFp

- An incident
- resulting from the
- 20% of accident
- causes which have
- the potential to
- result in a fatality,
- life-changing or life-
- threatening injury

## PFI

Potentially  
Fatal Incident



Enlightening for senior teams

Supports parity with other disciplines

Goes beyond reactive metrics

Clear, consistent definitions matter

Monitoring deepens insight

Site visits drive real scrutiny

Definitions can evolve

Avoid league tables

Focus on learning, not blame



# Foundations for SIF Prevention

Processes for reporting

Definitions

Risk focussed monitoring

Site level – shop floor, op risk owners



Site level

Sharing learnings

Engagement

Safety teams

Company level

BPSF – Sector level

Senior leaders / board



Investigation and analysis

Determination



Escalation

Central reporting

Senior leaders / board





## What Next

- BPSF Working Group
- Sharing Processes
- Signposting
- Root Cause Analysis / Precursor Focus
- Library
- Group sharing session
- Benchmarking
- Get involved





# Questions?

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