



**the risk management specialists**

**Visualising Risk Data to Support Effective Decision-Making**

**Safran Conference – optimise risk**

November 2023



Revision: 1-0

Effective Date: Nov 23



# who am I

## Paul Disley

- Almost 25 years working in risk
  - one of the founding partners of optimise in UK
- Wide array of sectors
  - Oil, Gas & Mining
  - Light & Heavy Rail
  - Defence
  - Nuclear Decommissioning
  - Highways
  - Airports
- Son at University studying Material Engineering
- Getting married to Katie next year



# risk visualisation

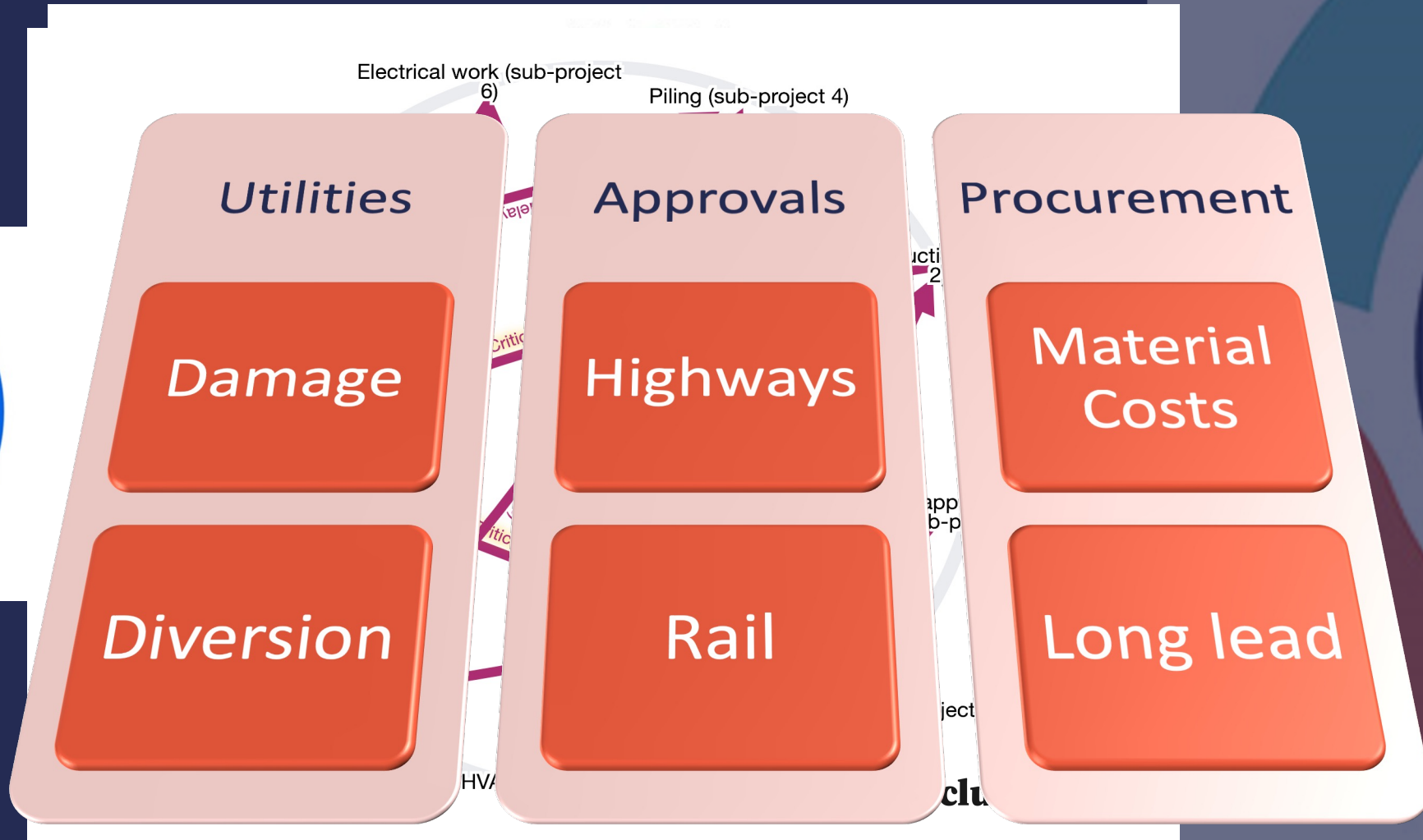
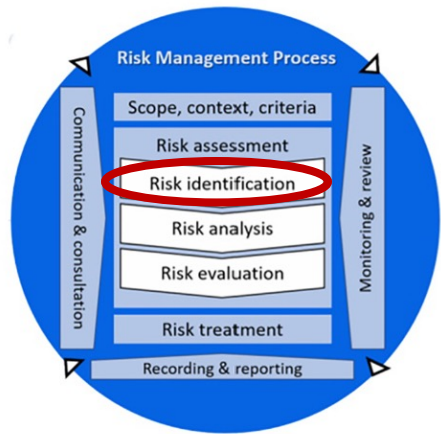
## Why?

- Decisions are dependent on accurate information
- Risk practitioners collect a lot of data
  - Need assurance the exercise is sufficiently robust
- Appropriate visualisation of risk data helps to make the data more accessible to end users
  - Non-risk person may not appreciate what it is telling us
  - Interpretation can influence how data is used

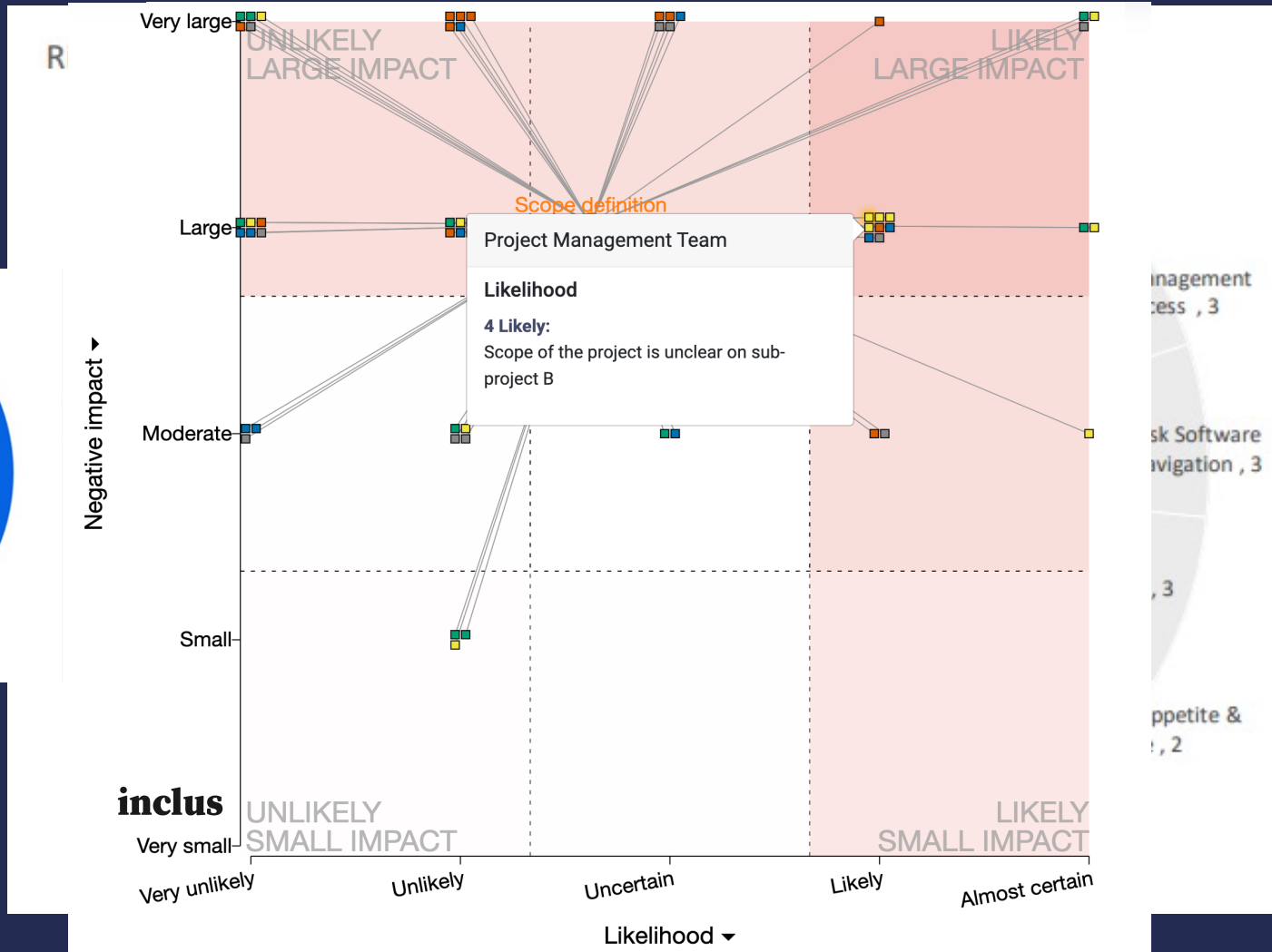
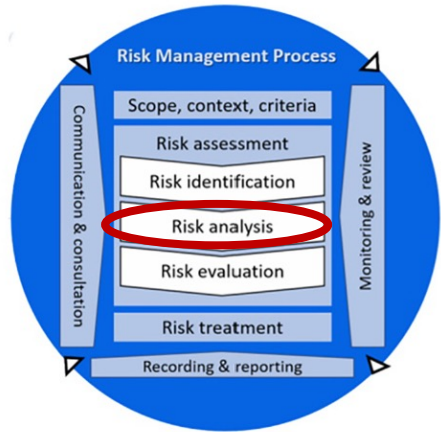




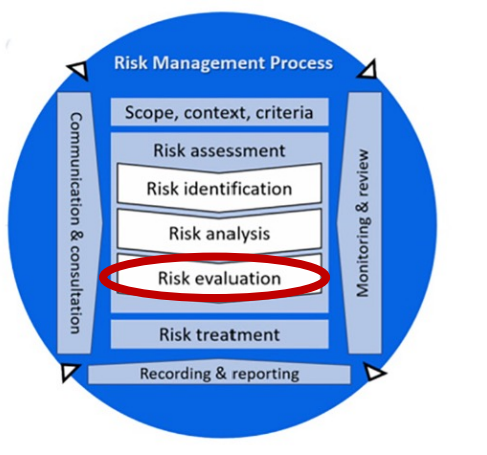
# risk identification



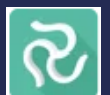
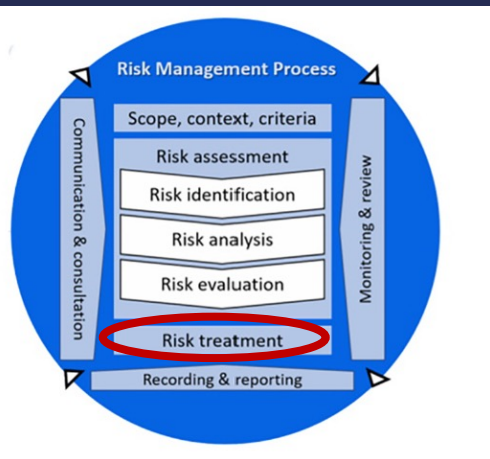
# risk analysis



# risk evaluation



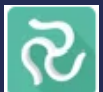
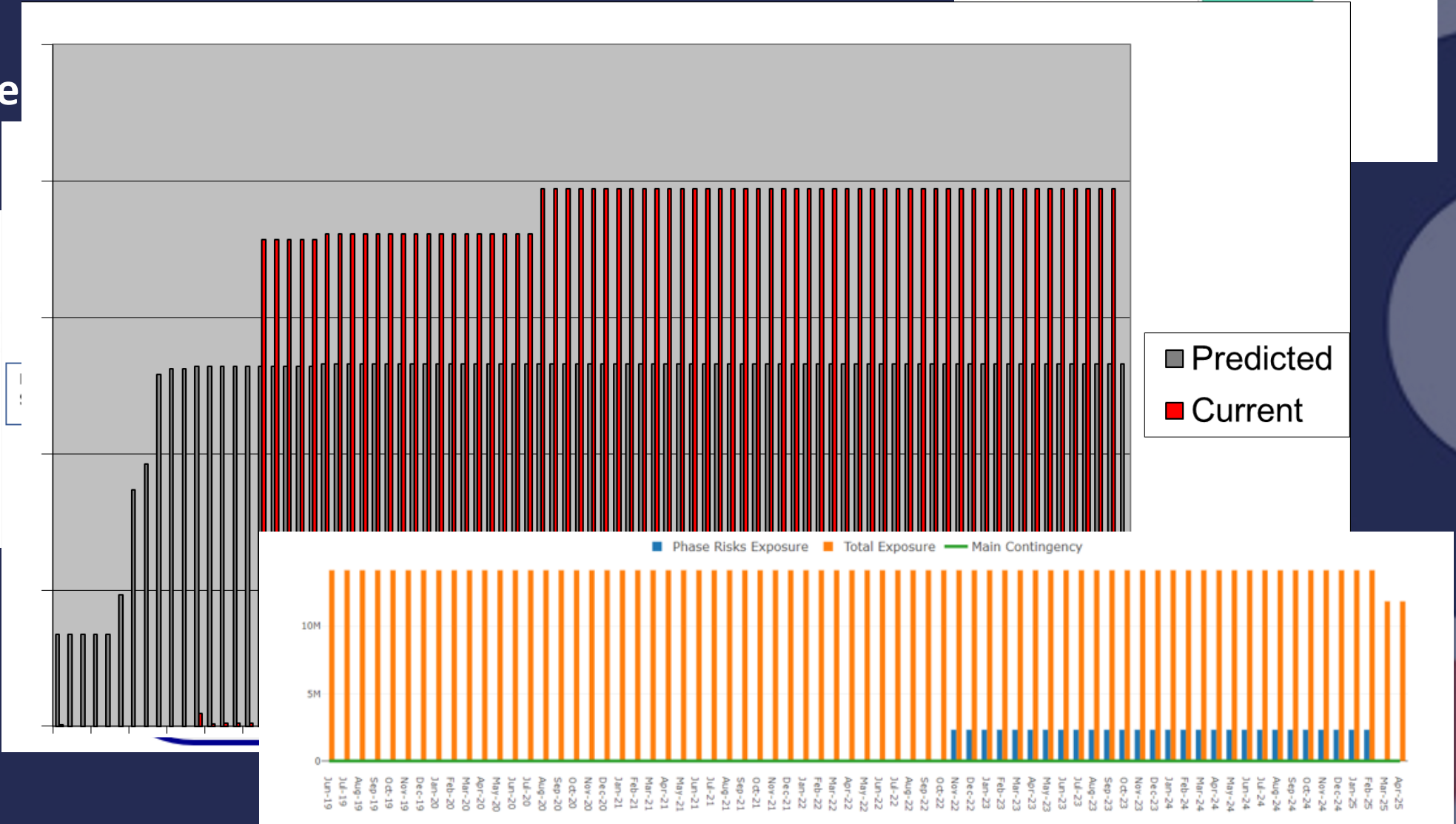
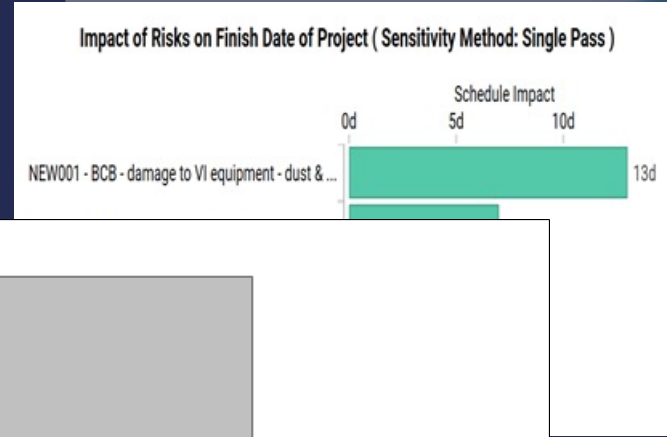
# risk treatment





# monitoring

## Risk Lifecycle



# closing thoughts

- Visualisation of data helps to make the data more accessible
  - ensure that interpretation bring bias into decisions
  - enable better risk-informed decisions
- Consider the beneficiary of the data and how to make it accessible
- Keep it simple and focused on the message that the underlying data is telling us



# optimise: contact details

## getting in touch

- Website: [www.optimise-risk.co.uk](http://www.optimise-risk.co.uk)
- Paul Disley
  - email: [paul.disley@optimise-risk.co.uk](mailto:paul.disley@optimise-risk.co.uk)
  - mobile: 0044 7791 116350

