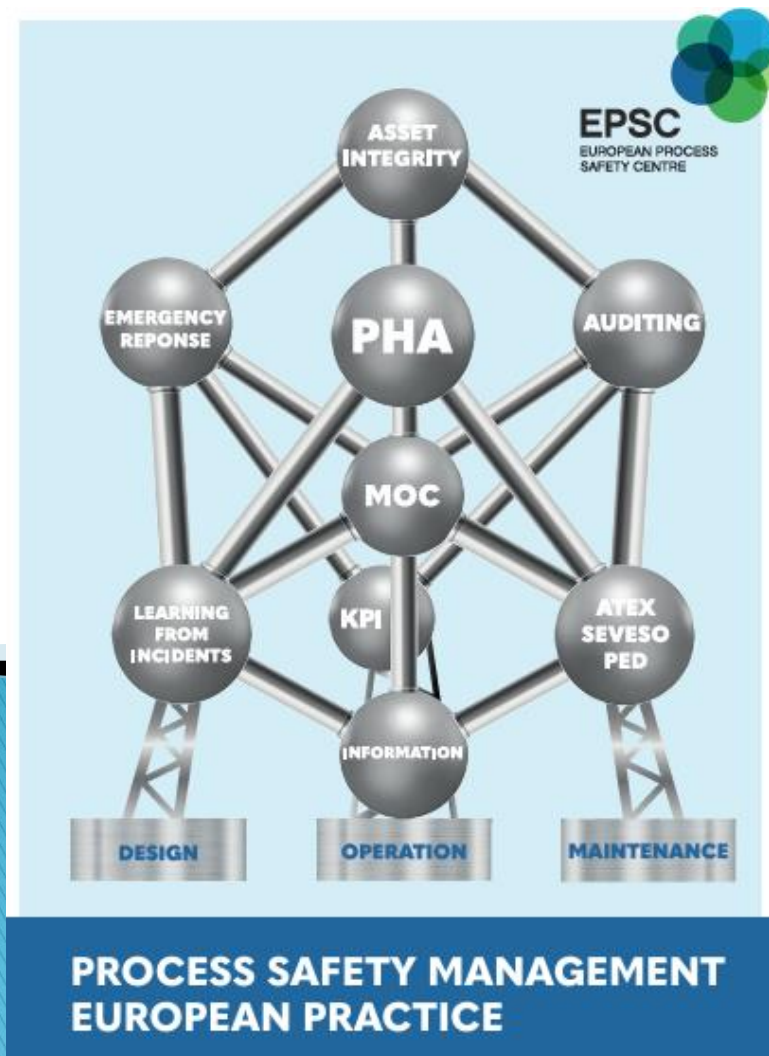


# European Practice For process safety management

Barcelona PS congress Dec 2024

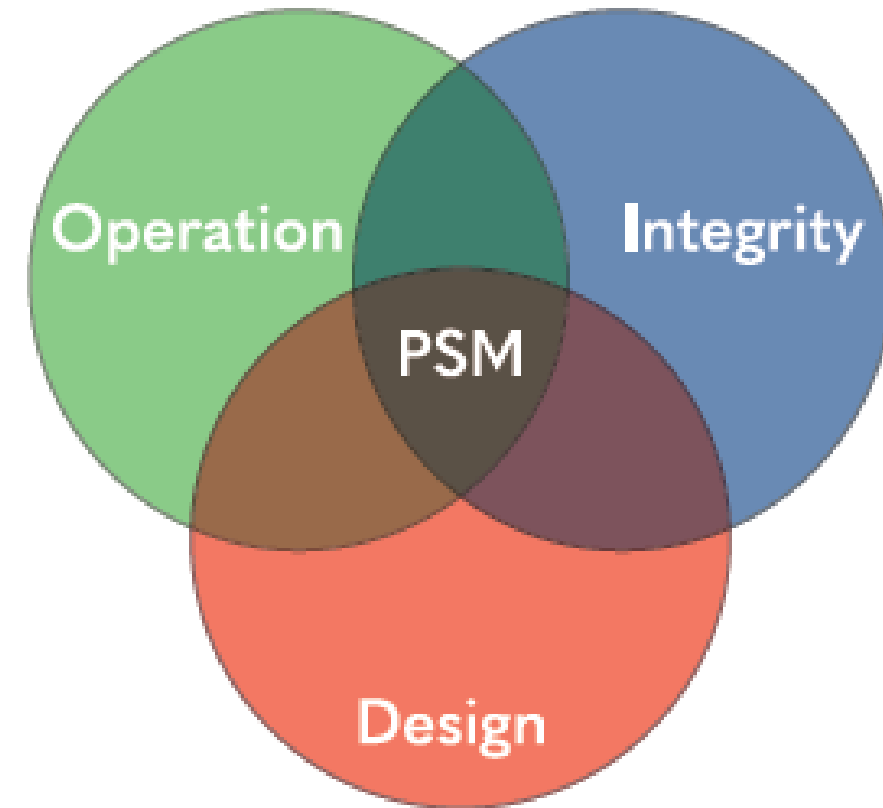
Tijs Koerts  
Operations Director EPSC



# What is process safety about?



Chemical Hazards

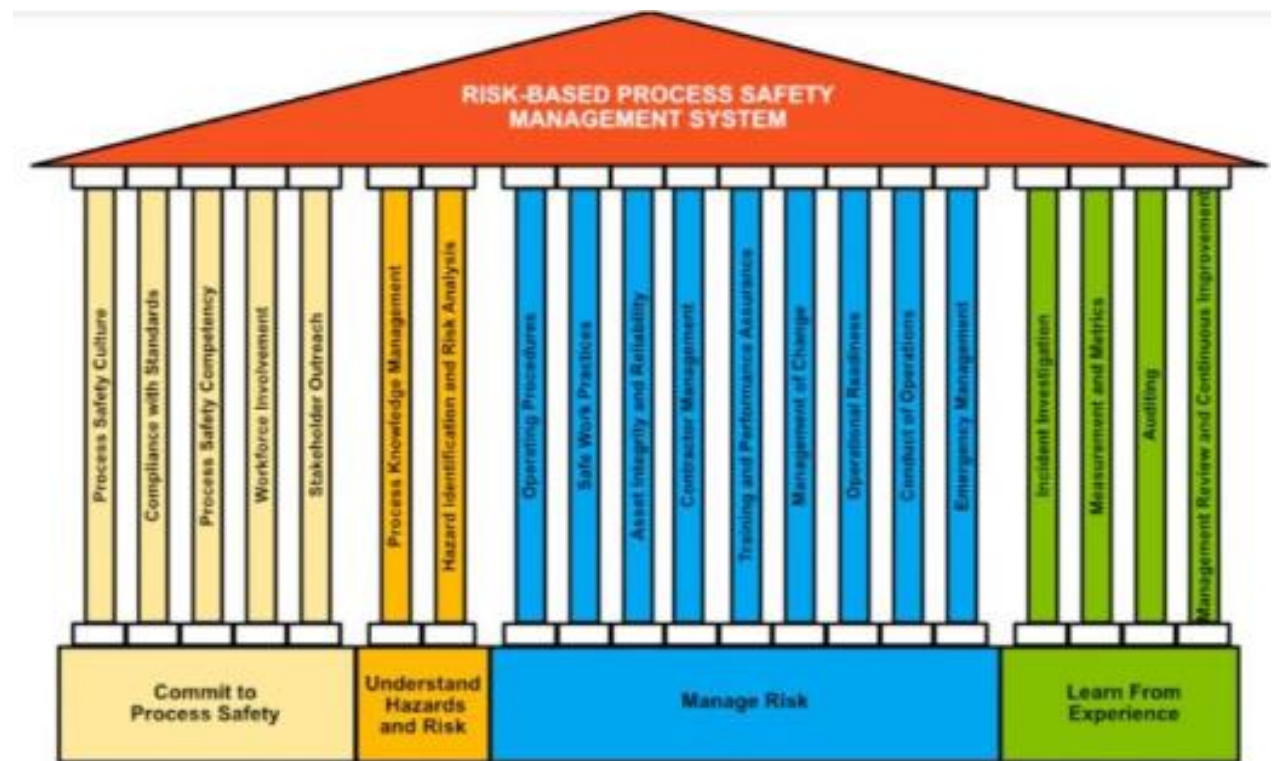


An Engineering discipline

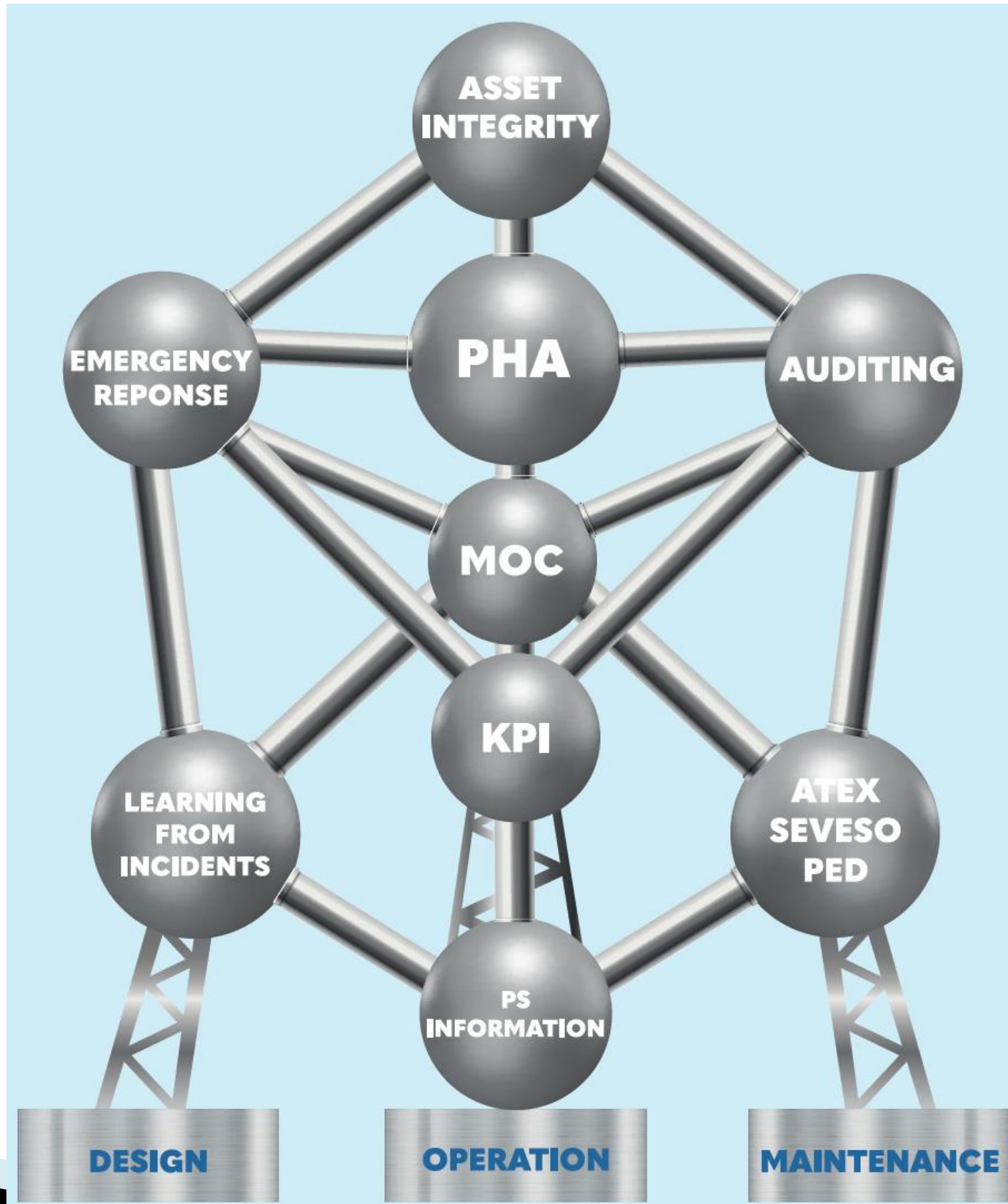
How do we manage process safety?

What systems do you know?

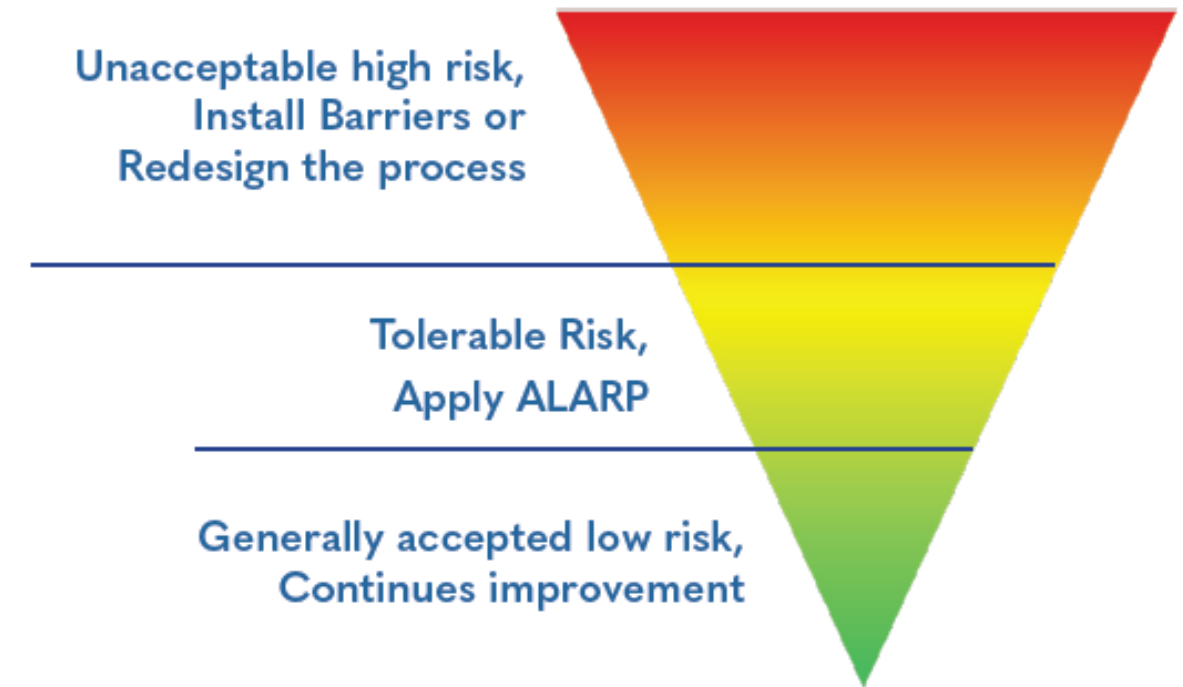
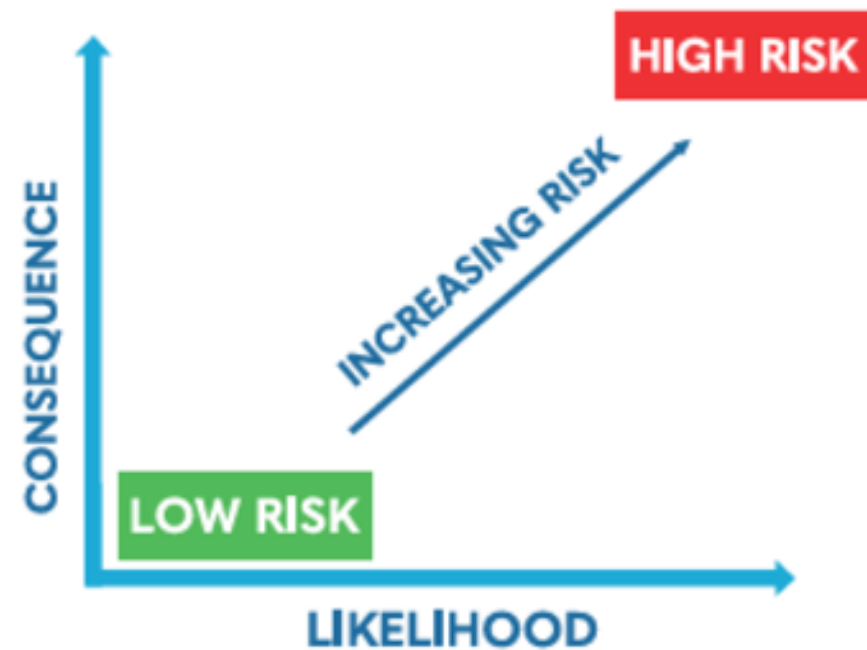




# European Practice

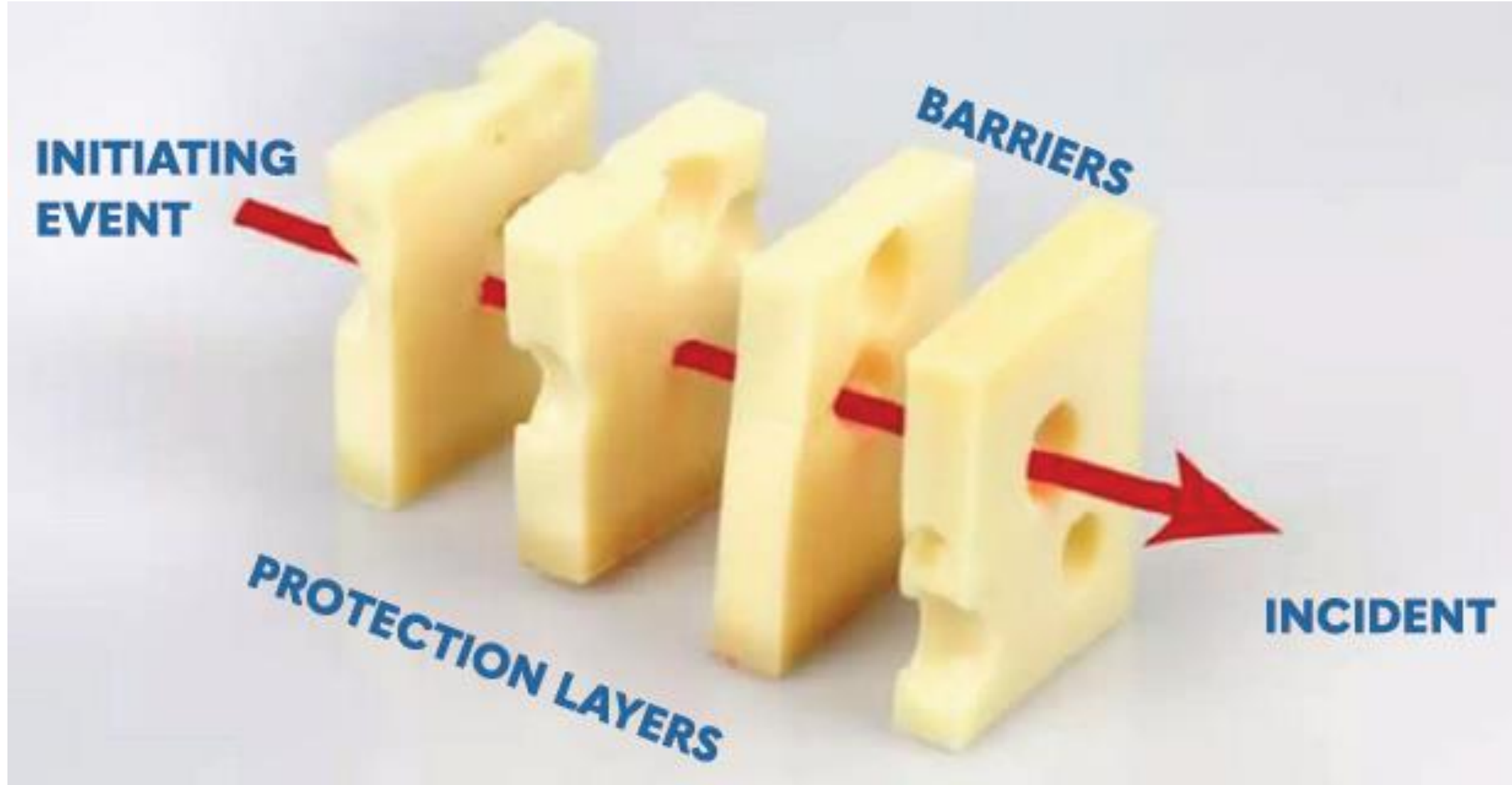


# Risk Based versus Compliance



$$\text{Risk} = \text{Consequence} \times \text{Likelihood}$$



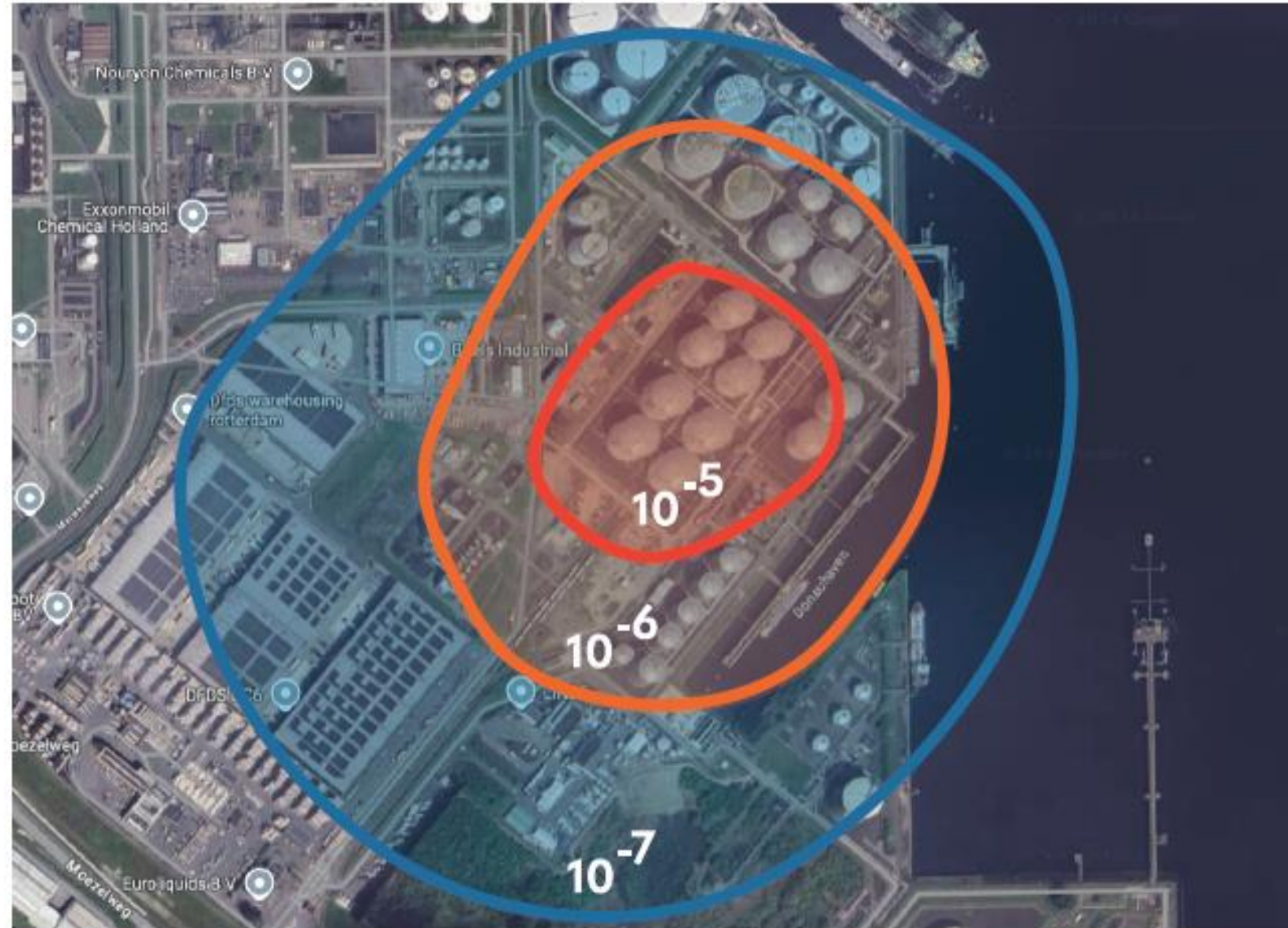




# European Legislation



# QRA: Quantitative Risk Analysis



# European Practices

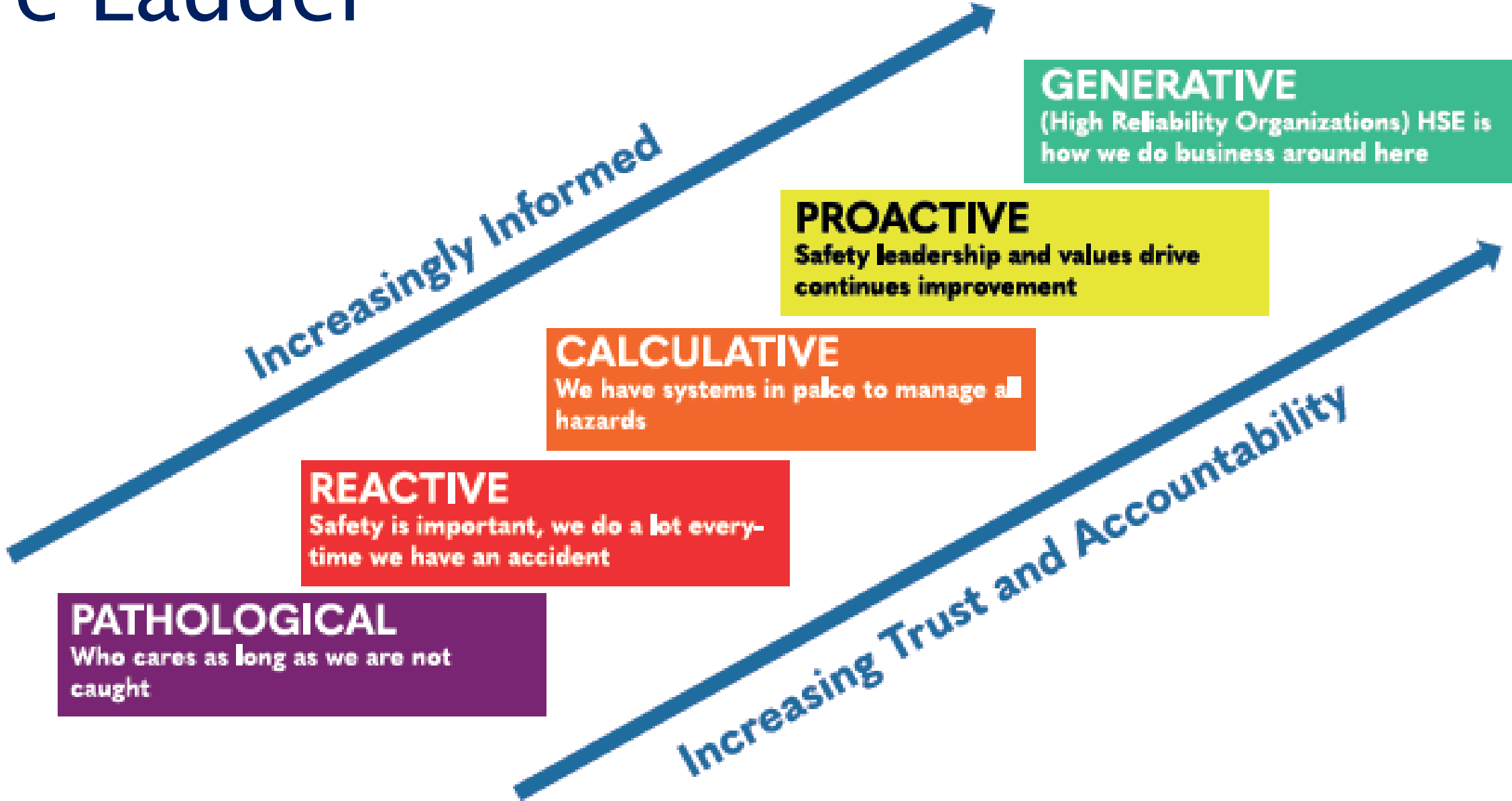
## Inherently Safer Design



## Process Safety Fundamentals

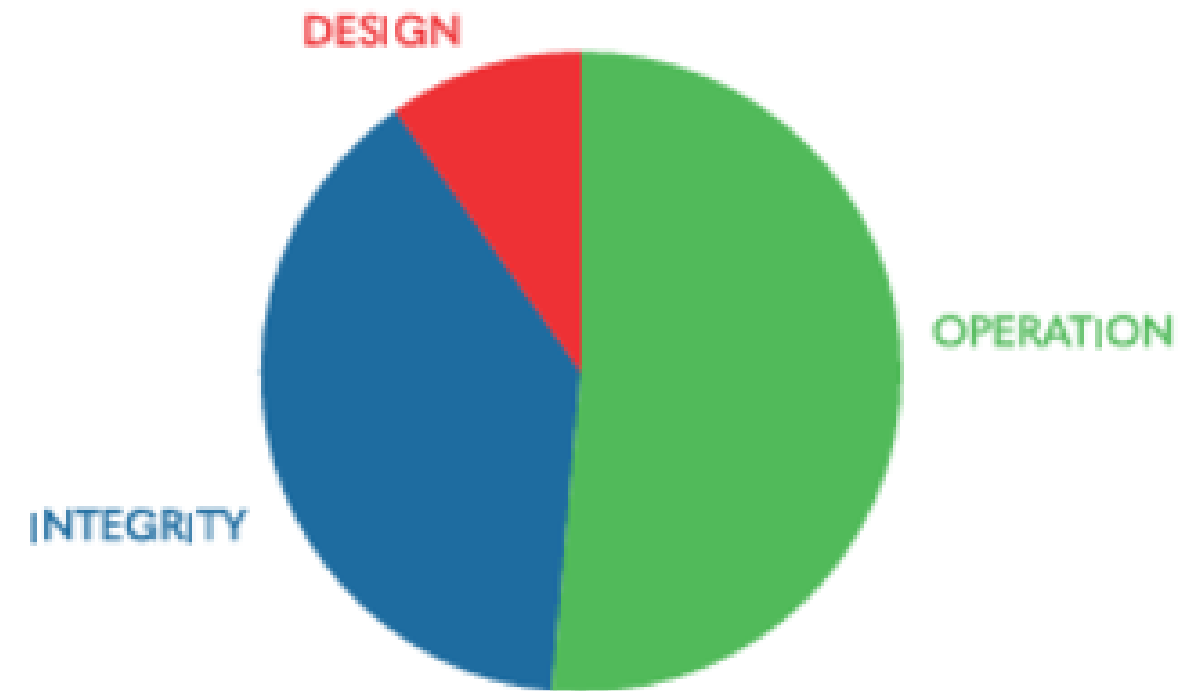
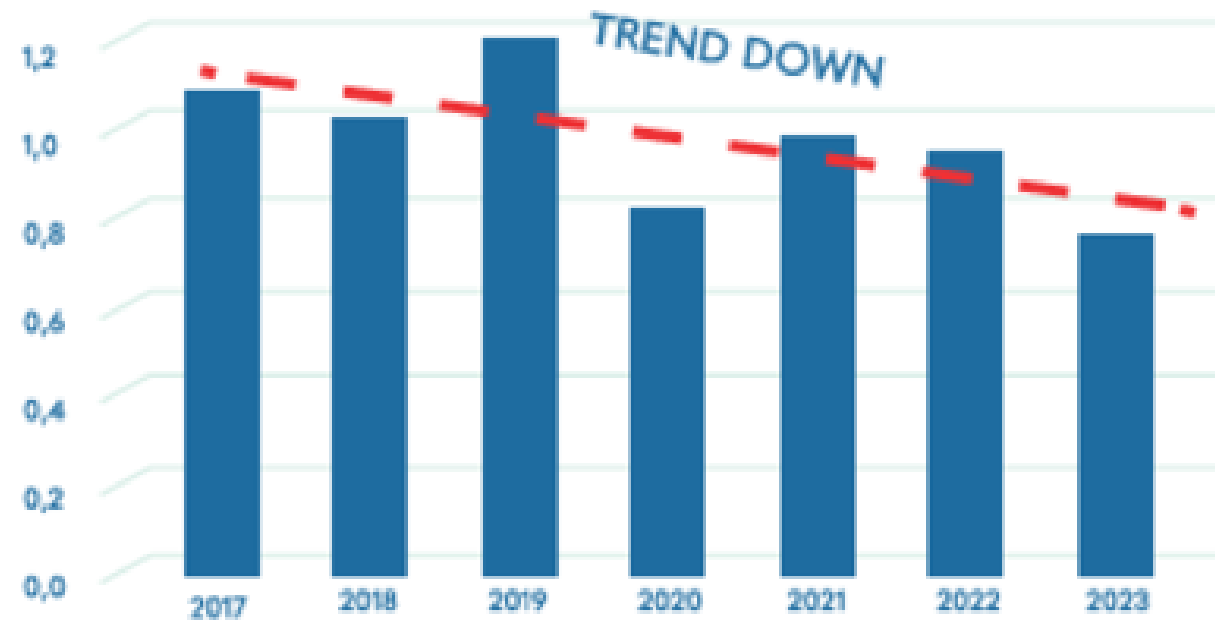


# Culture Ladder



# Results

Process Safety Incident Rate - per million hours



“our shared responsibility to protect”

