

The concept of risk assessment and management has a long history. More than 2400 years ago the Athenians offered their capacity of assessing risks before making decisions. From the Pericle's Funeral Oration in Thurcydidas 'History of the Peloponnesian War' (started in 431 BC):

We Athenians in our persons, take our decisions on policy and submit them to proper discussion. The worst thing is to rush into action before consequences have been properly debated. And this is another point where we differ from other people. We are capable at the same time of taking risks and assessing them beforehand...

The Art of War, Sun Tzu's ancient book of strategy has as much to tell us today as when it was first written 2,500 years ago:

Understand your weakness to resolve issues, understand your strength to win. Who wishes to fight must first count the cost. Move not unless you see an advantage.

The Art of War has 11 chapters. Each of these topics can be seen to have a lesson for risk management

3

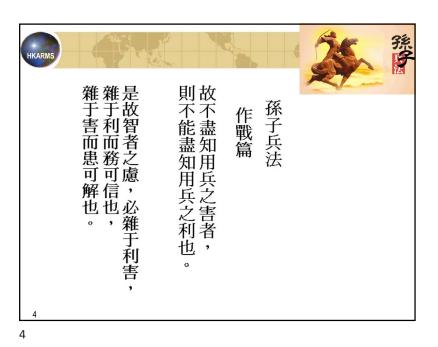
Assumption: You are seasoned EOSH practitioners and have conducted risk assessments before

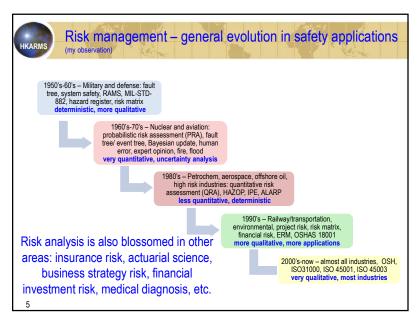
Where have we been
What we know so far, align terminology

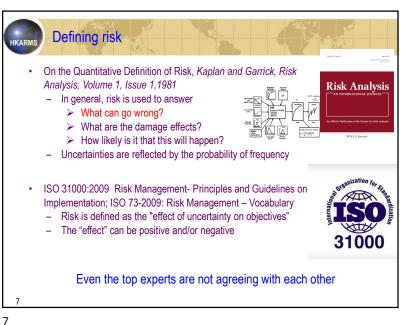
What has gone right
What has gone left
What can we do more
Do's and don'ts

Takeaways

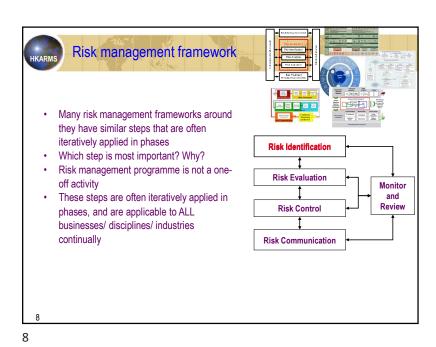
You will have more questions after the talk ©



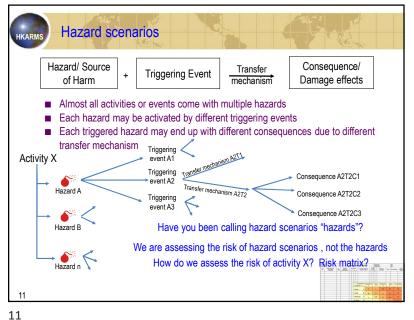


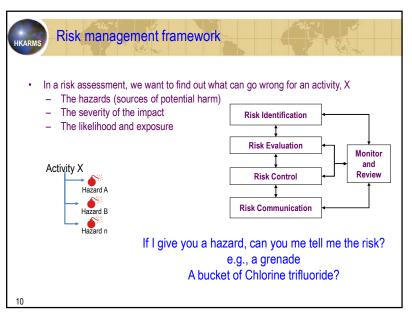


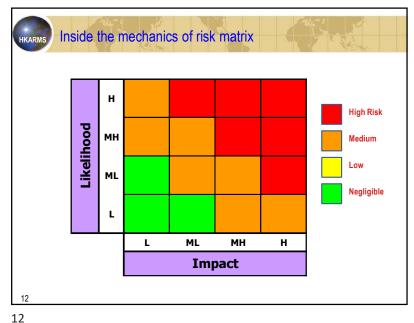


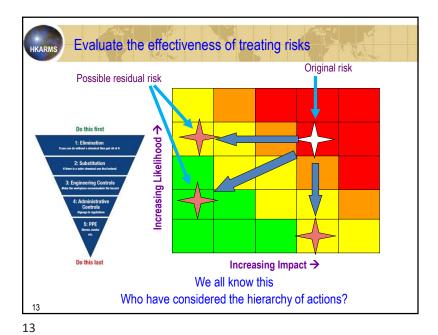












What kind of company is this? · Hazard scenarios Н High Risk Likelihood МН Medium Low ML Negligible L ML МН Н L **Impact** 14

Who have tried to map out your risks?

• Hazard scenarios

• High Risk

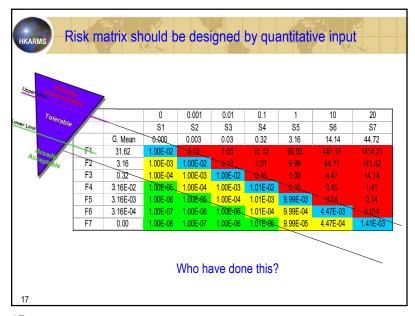
Medium

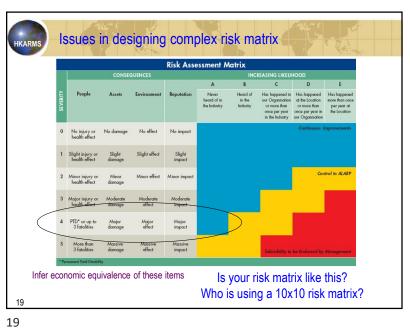
Low

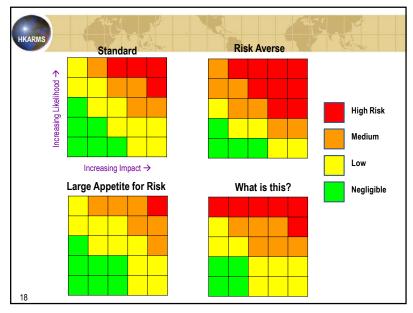
Negligible

15

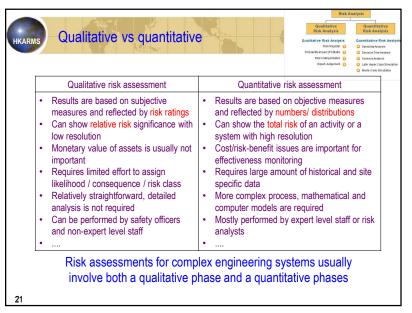
Risk map Does your "Risk Map" look more like the top or bottom chart? Clustering or equally-spread risk mapping means that the risk matrix may not suit your operation When was the last time you updated your risk matrix? - Risk profile changes as risk management program 0 mature, so should your risk matrix 0 0 0 0 What can we do more? Understand the applications of our tools

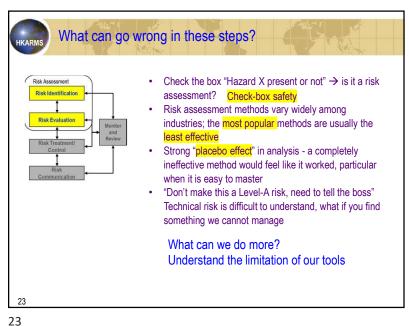


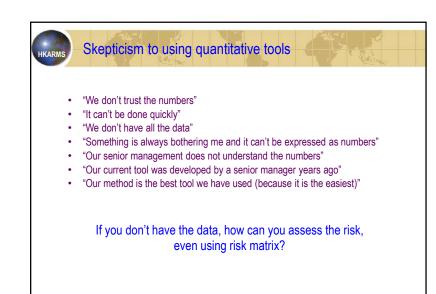


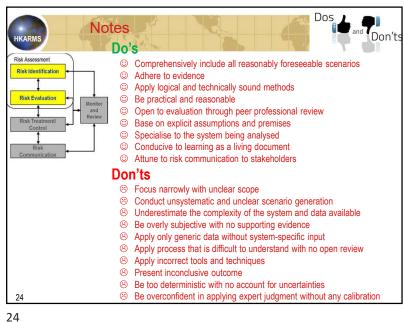


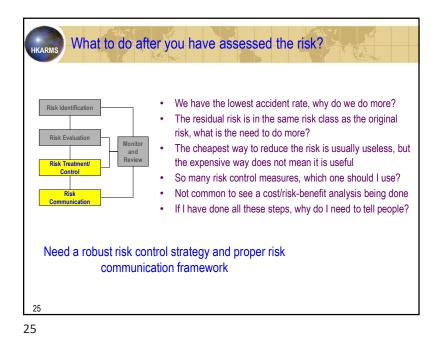
6 Frequency greater than 10 times per year 5 Frequency of 10 times per year 5 Frequency of 10 times per year 6 Frequency between once per month to once per year 7 Frequency between once per year and once every 10 years 8 Frequency greater than 10 times per year 8 Frequency of 10 times per year 9 Deaths (1 to 3); loss or harm of between \$10m and \$100m within a financial year or extended adverse media campaign or a Judicial or Parliamentary enquiry (loss of franchise) 9 Single death or putiple serious injuries; lo tham of between \$1m and \$10m within financial year of on-going national media coverage 9 Serious injuries; loss or harm of between \$100k and \$1m within a financial year or o going State-based media coverage
5 Frequency of 10 times per year 10 times per year 10 times per year 11 to 3); loss or harm of between \$10m and \$100m within a financial year or extended adverse media campaign or a Judicial or Parliamentary enquiry (loss of franchise) 12 Frequency between once per month to once per year 13 Frequency between once per year and once every \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or or \$100k and \$1m within a financial year or \$100k and \$1m within \$10k and \$10k and \$1m within \$10k and \$10k and \$1m within \$10k and \$1
Frequency between once per month to once per year 3 Frequency between once per year and once every \$100 and \$10m within financial year once per year and once every \$1000 and \$1m within a financial year or o
Frequency between once per year and once every \$100k and \$1m within a financial year or o
10 years going State-based media coverage
2 Frequency of once per 10 Medical treatment; loss or harm of between \$10k and \$100k within a financial year or on-going local media coverage
1 Frequency less than once every 10 years Minor injuries or nil treatment; loss or harn of less than \$10k within a financial year or minimum media coverage











Thank you

Without risk,
there is no opportunity.

