This slide presentation has been produced by the UKFSC, as a model for you to tailor to meet the need of your company's Safety Management System.
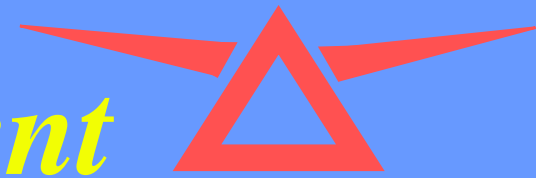
To modify it simply:

- Replace the UKFSC logo with your company logo.

- Insert your company name in the text where required.

- Modify any of the wording to accommodate your own and your company's style as required.

- Add the transitions you desire.
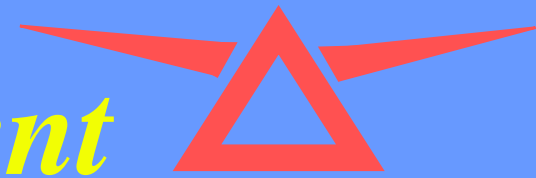
Safety Management
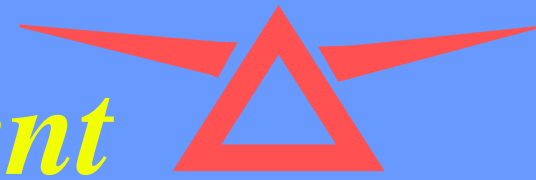
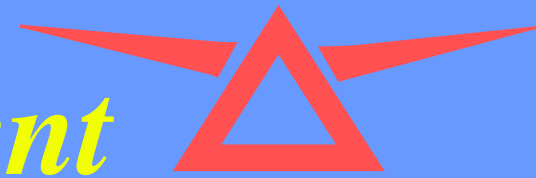*Inherent Systemic Safety*

Safety Management

There is no limit to what can be achieved if it doesn't matter who gets the credit.

Safety Management
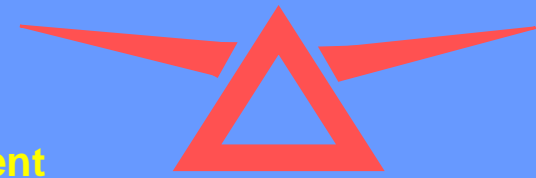
Nothing will get done if a mistake
results in blame

Safety Management

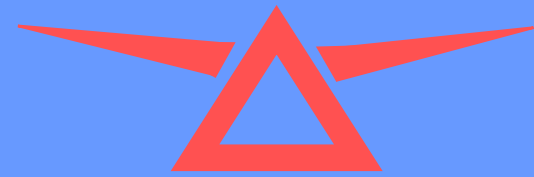We need to identify the sources of our risks and find ways of exposing our vulnerabilities…

Then we can start to manage risk instead of just being exposed to it.

Hazard Management

Hazard Identification and Threat Assessment

Threat	Defence		
	Defence		
	Defence		

Escalation Factor	Escalation Control
	Escalation Control

Escalation Factor	Escalation Control

Consequence	Contingency	
	Contingency	
	Contingency	

Threat	Defence
	Defence

HAZARDOUS

EVENT

Consequence	Contingency	
	Contingency	
	Contingency	
	Contingency	
	Contingency	

Threat	Defence

Escalation Factor	Escalation Control
	Escalation Control

Threat	Defence
	Defence

Consequence	Contingency	
	Contingency	

Risk Analysis Matrix

Severity	Consequence					Increasing Probability				
	People	On Time Dep.	Assets	Environment	Reputation	A	B	C	D	E
	P	**T**	**A**	**E**	**R**	Never heard of in the industry.	Has occurred in the industry	Has occurred in BM	Has occurred several times in the industry	Has occurred several times in BM
0	No injury	No delay	No damage	No effect	No impact					
1	Slight injury	Less than 15 minutes	Slight damage	Slight effect	Slight impact	**Low**				
2	Minor injury	15 to 30 minutes	Minor damage	Minor effect	Limited impact					
3	Major injury	30 to 2 Hours	Major damage	Localised effect	Considerable impact			**Medium**		
4	Single fatality	2 to 4 hours	extensive damage	Major effect	National impact					
5	Multiple fatalities	Over 4 hours	Massive damage	Massive effect	International impact					**High**

Risk Analysis Matrix

Severity	Consequence					Increasing Probability				
	People	On Time Dep.	Assets	Environment	Reputation	A	B	C	D	E
						Never heard of in the industry.	Has occurred in the industry	Has occurred in BM	Has occurred several times in the industry	Has occurred several times in BM
	P	**T**	**A**	**E**	**R**					
0	No injury	No delay	No damage	No effect	No impact	**E**	Low			
1	Slight injury	Less than 15 minutes	Slight damage	Slight effect	Slight impact		**P**			
2	Minor injury	15 to 30 minutes	Minor damage	Minor effect	Limited impact		**R**			
3	Major injury	30 to 2 Hours	Major damage	Localised effect	Considerable impact			Medium		
4	Single fatality	2 to 4 hours	extensive damage	Major effect	National impact				**A**	
5	Multiple fatalities	Over 4 hours	Massive damage	Massive effect	International impact				**T**	High
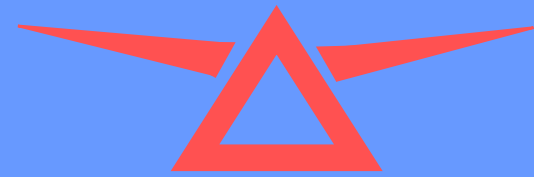
Company Policy and Strategic Objectives Overlay

Severity	Consequence					Increasing Probability				
	People	On Time Dep.	Assets	Environment	Reputation	A	B	C	D	E
						Never heard of in the industry.	Has occurred in the industry	Has occurred in BM	Has occurred several times in the industry	Has occurred several times in BM
	P	**T**	**A**	**E**	**R**					
0	No injury	No delay	No damage	No effect	No impact	**Manage for continuous improvement**				
1	Slight injury	Less than 15 minutes	Slight damage	Slight effect	Slight impact					
2	Minor injury	15 to 30 minutes	Minor damage	Minor effect	Limited impact				**Reduce risk**	
3	Major injury	30 to 2 Hours	Major damage	Localised effect	Considerable impact					**Intolerable**
4	Single fatality	2 to 4 hours	extensive damage	Major effect	National impact		**Demonstrate ALARP**			
5	Multiple fatalities	Over 4 hours	Massive damage	Massive effect	International impact					

Incident Follow-up Overlay

Severity	Consequence					Increasing Probability				
	People	On Time Dep.	Assets	Environment	Reputation	A	B	C	D	E
	P	**T**	**A**	**E**	**R**	Never heard of in the industry.	Has occurred in the industry	Has occurred in BM	Has occurred several times in the industry	Has occurred several times in BM
0	No injury	No delay	No damage	No effect	No impact	Investigate and discuss				
1	Slight injury	Less than 15 minutes	Slight damage	Slight effect	Slight impact					
2	Minor injury	15 to 30 minutes	Minor damage	Minor effect	Limited impact					
3	Major injury	30 to 2 Hours	Major damage	Localised effect	Considerable impact			In depth analysis		
4	Single fatality	2 to 4 hours	extensive damage	Major effect	National impact		Discussion at management level		In depth analysis	
5	Multiple fatalities	Over 4 hours	Massive damage	Massive effect	International impact			Management involvement		