

SWOT - Analysis > A _ internatl Causes incorporated in Page 3 (transponedet)

internal Causes: Strength / Weakness

No	10	11	12	13	14	15	16
Risk (SWOT)	internal Causes: Strength / Weakness	narrative causes				narrative causes	
Impact	Scale: min = 1; max 10	1	6	9	2	7	
Probability	likelihood of impact (Percentage)	100%	70%	40%	100%	50%	
15	narrative causes	100	420	360	200	350	
Consequences	Identify the impact of the Risk	narrative				narrative	
Costs of Impact	Currency (USD / Euro)	2.000.000	1.000.000	500.000	700.000	200.000	
Means to address:	narrative causes	avoid, describe	reduce	share	retain	reduce	
Deduction Factor	effect of remedy actions	-1,00	-0,40	-0,85	0,00	-0,20	
Cost to mitigate	Expenses to remedy	-2.000.000	-400.000	-425.000	0	-40.000	
Resulting Strength	remaining risk strength despite preventive actions	0	252	54	200	280	
25	narrative causes	0	1.400.000	925.000	700.000	240.000	

SWOT - Analysis > B _ external Influences incorporated in Page 3 (transponedet)

external influences Opportunities / Threats

No	20	21	22	23	24	25	26
Risk (SWOT)	external influences opportunities / Threats	narrative causes				narrative causes	
Impact	Scale: min = 1; max 10	2	6	9	2	8	
Probability	likelihood of impact (Percentage)	100%	70%	40%	100%	40%	
composite Factor	Product of Impact size and propability	200	420	360	200	320	
Consequences	Identify the impact of the Risk	narrative				narrative	
Costs of Impact	Currency (USD / Euro)	3.000.000	1.000.000	500.000	300.000	800.000	
Means to address:	Mitigate / Prevention actions available	avoid, describe	reduce	share	retain	reduce	
Deduction Factor	effect of remedy actions	-1,00	-0,70	-0,85	0,00	-0,20	
Cost to mitigate	Expenses to remedy	-3.000.000	-700.000	-425.000	0	-160.000	
Resulting Strength [1-DF]	remaining risk strength despite preventive actions	0	126	54	200	256	
Costs	in case of the event, despite remedial actions	0	1.700.000	925.000	300.000	960.000	

Risk Management > SWOT Analysis wit the internal causes and external influences

Analyse + Evaluation + Mitigation + resulting Strength

No	Risk (SWOT)	Impact	Probability	composite Factor	Consequences	exp. Costs of direct Impact	Means to address:	Deduction Factor	Cost to mitigate	Res. Strenght	Costs
10	internal Causes: Strength / Weakness	Scale: min = 1; max 10	likelihood of impact (Percentage)	Product of Impact size and propability	Identify the impact of the Risk	Currency (USD / Euro)	Mitigate / Prevention actions available	effect of remedy actions	Expenses to remedy	remaining R despite Actions	Risk occurs, despite remedials
11	narrative causes	1	100%	100	narrative	2.000.000	avoid, describe	-1,00	-2.000.000	0	0
12		6	70%	420		1.000.000	reduce	-0,40	-400.000	252	1.400.000
13		9	40%	360		500.000	share	-0,85	-425.000	54	925.000
14		2	100%	200		700.000	retain	0,00	0	200	700.000
15	narrative causes	7	50%	350	narrative	200.000	reduce	-0,20	-40.000	280	240.000
No	Risk (SWOT)	Impact	Probability	composite Factor	Consequences	exp. Costs of direct Impact	Means to address:	Deduction Factor	Cost to mitigate	Res. Strenght	Costs
20	external influences opportunities / Threats	Scale: min = 1; max 10	likelihood of impact (Percentage)	Product of Impact size and propability	Identify the impact of the Risk	Currency (USD / Euro)	Mitigate / Prevention actions available	effect of remedy actions	Expenses to remedy	remaining R despite Actions	Risk occurs, despite remedials
21	narrative causes	2	100%	200	narrative	3.000.000	avoid, describe	-1,00	-3.000.000	0	0
22		6	70%	420		1.000.000	reduce	-0,70	-700.000	126	1.700.000
23		9	40%	360		500.000	share	-0,85	-425.000	54	925.000
24		2	100%	200		300.000	retain	0,00	0	200	300.000
25	narrative causes	8	40%	320	narrative	800.000	reduce	-0,20	-160.000	256	960.000

Decision-making process >>>

Principle decision : STOP or GO / Take the chance or leave the option!

7.150.000

if GO, prepare a Priority list for counter-actions for "foreseen events / circumstances".

Value

Note:

A similar analysis can be to used for a time + cost scheduling for studies + design + implementation + operation / maintenance activities and later on for forensic investigations (effects delays+disruption > causes to identify the attributable responsibilities.