

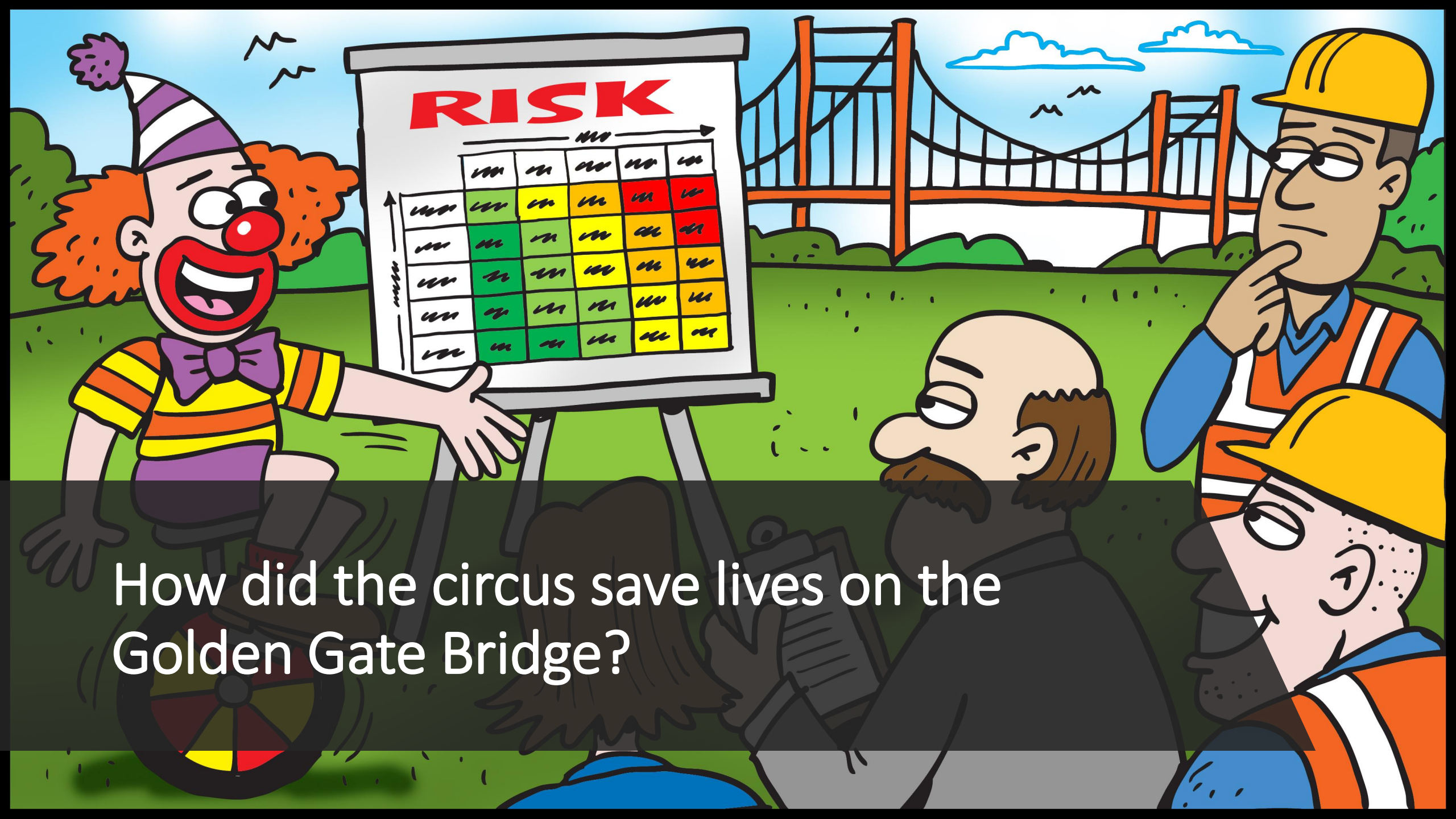
The background image is a dark, monochromatic photograph of a rugged, rocky coastline. In the distance, an offshore oil rig is visible on the horizon. The sky is filled with heavy, grey clouds, creating a somber and industrial atmosphere. The foreground shows jagged rock formations and some low-lying vegetation.

SALUS

Using Bowties to Visualise Environmental Risk

David Jamieson

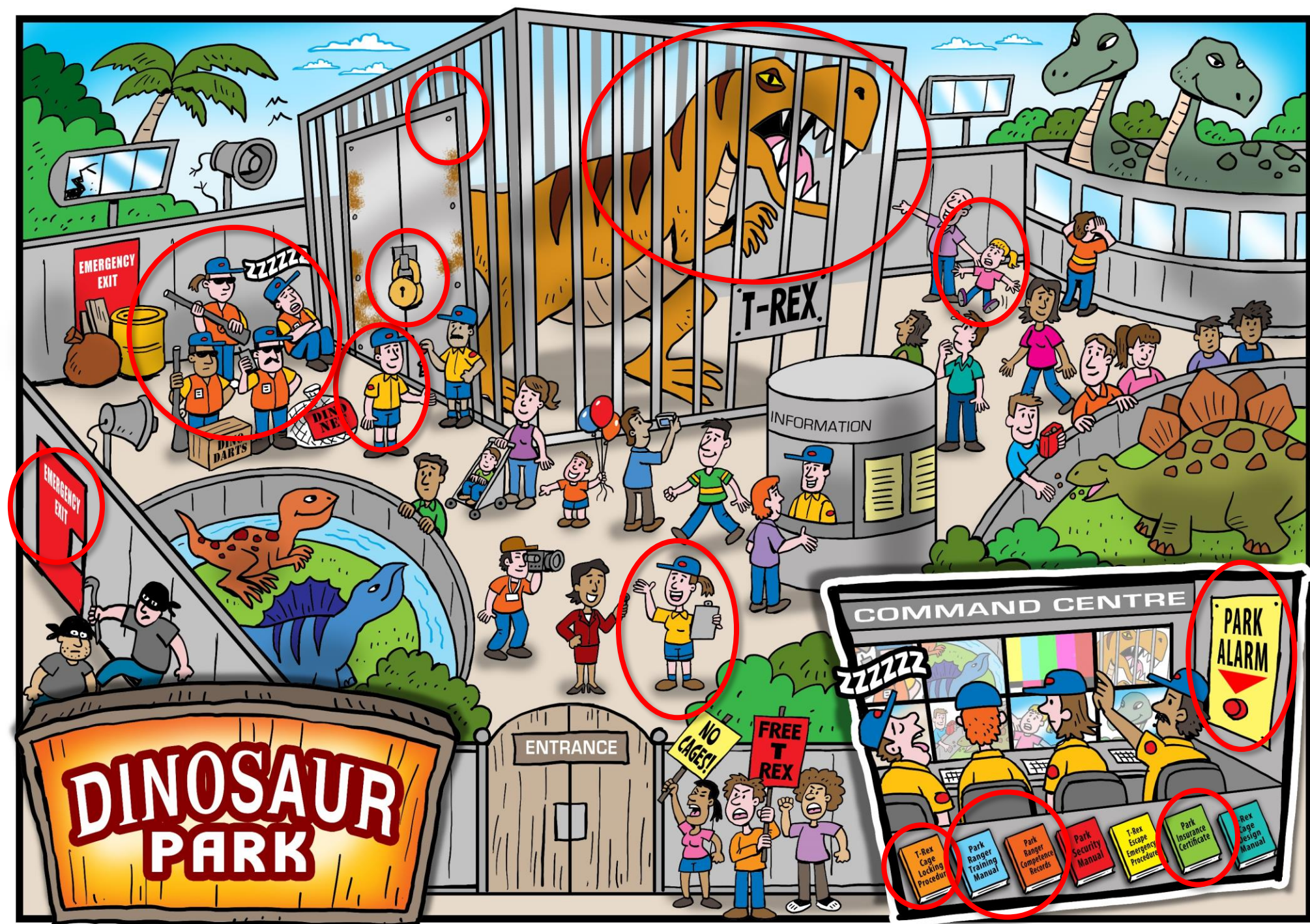
E-Reps Network Insights



How did the circus save lives on the Golden Gate Bridge?

Risk management is not the
absence of incident, it is the
presence of barriers

SALUS



Hazard	Causes	Consequences	Preventative Barriers	Mitigative Barriers
Angry T-Rex	T-Rex Escapes from cage	<ul style="list-style-type: none"> - Injury to Park Visitors - Injury to Park Staff - Damage to Park - Damage to Park Reputation 	<ul style="list-style-type: none"> - Cage Design - Cage locking procedure - Competent zookeepers - Lock on gate 	<ul style="list-style-type: none"> - Park alarm - Park emergency team - Emergency exits - Security team equipment - Park media spokesperson - Insurance

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ANGRY T-REX LOCKED IN A CAGE



T-REX ESCAPES FROM CAGE

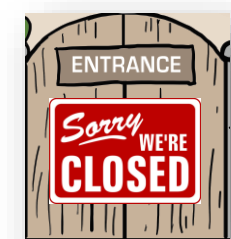


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CONSEQUENCES



T-REX EATS OR STANDS ON PEOPLE



EVENT DAMAGES PARK REPUTATION



SALUS

THREATS



CAGE LEFT OPEN
IN ERROR



CAGE NOT STRONG
ENOUGH



CAGE DELIBERATELY
OPENED



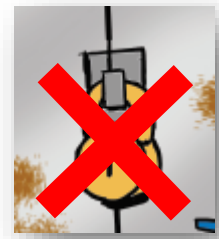
THREATS



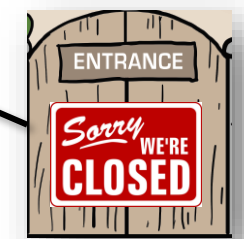
ANGRY T-REX
LOCKED IN A CAGE



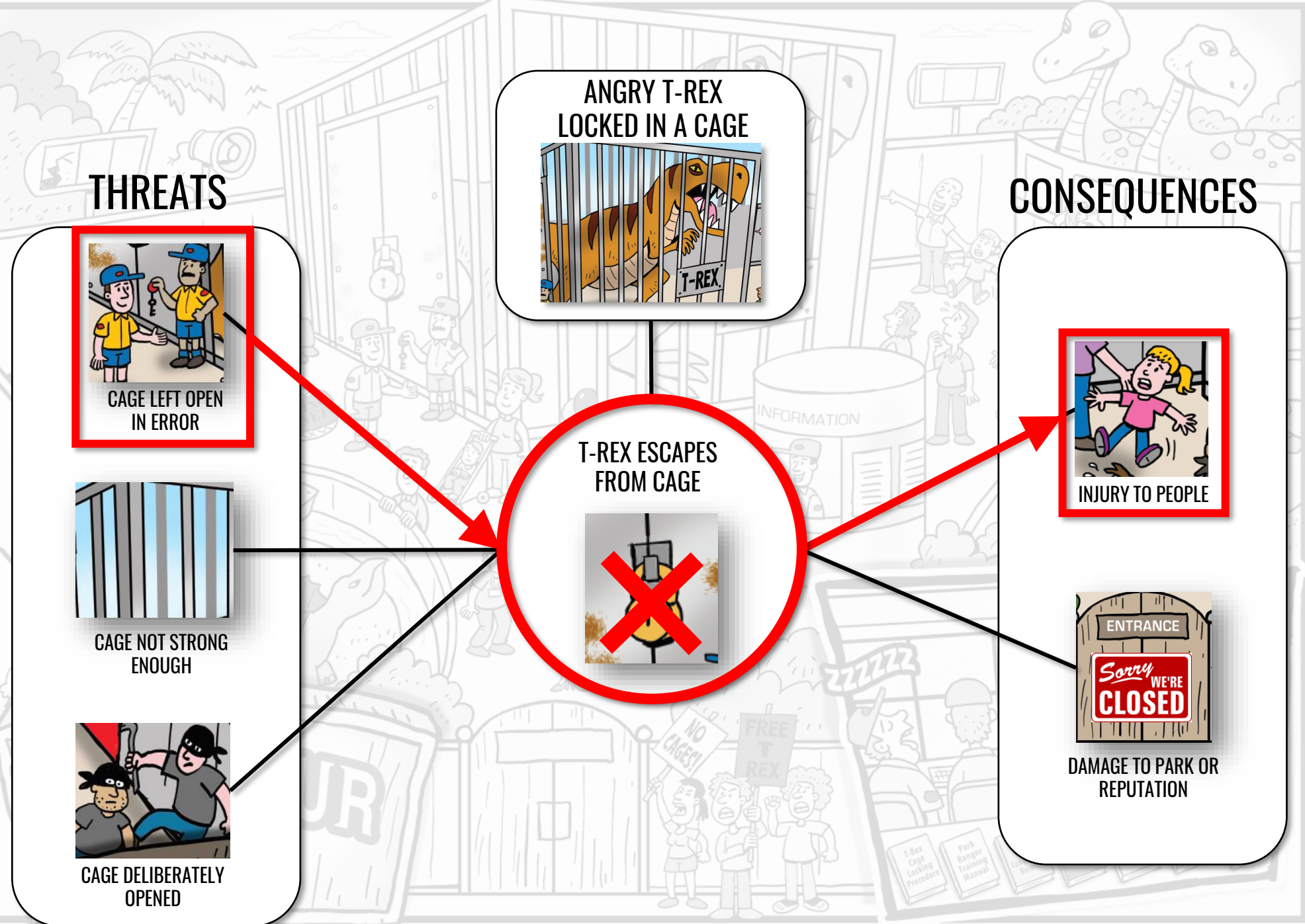
T-REX ESCAPES
FROM CAGE



CONSEQUENCES



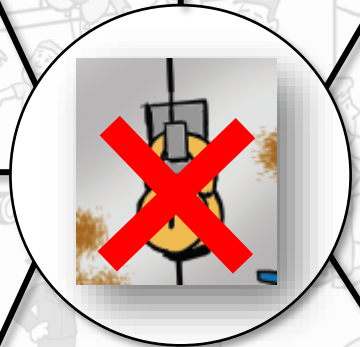
DAMAGE TO PARK OR REPUTATION



THREATS



PREVENTATIVE BARRIERS



MITIGATIVE BARRIERS

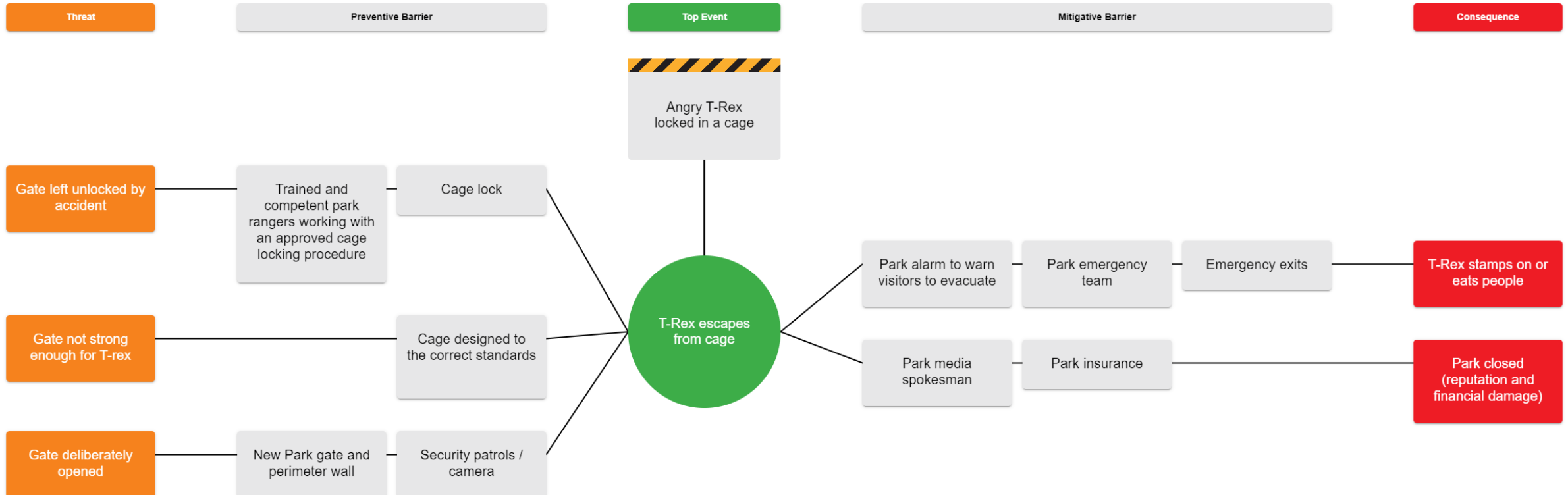


CONSEQUENCES



PARK

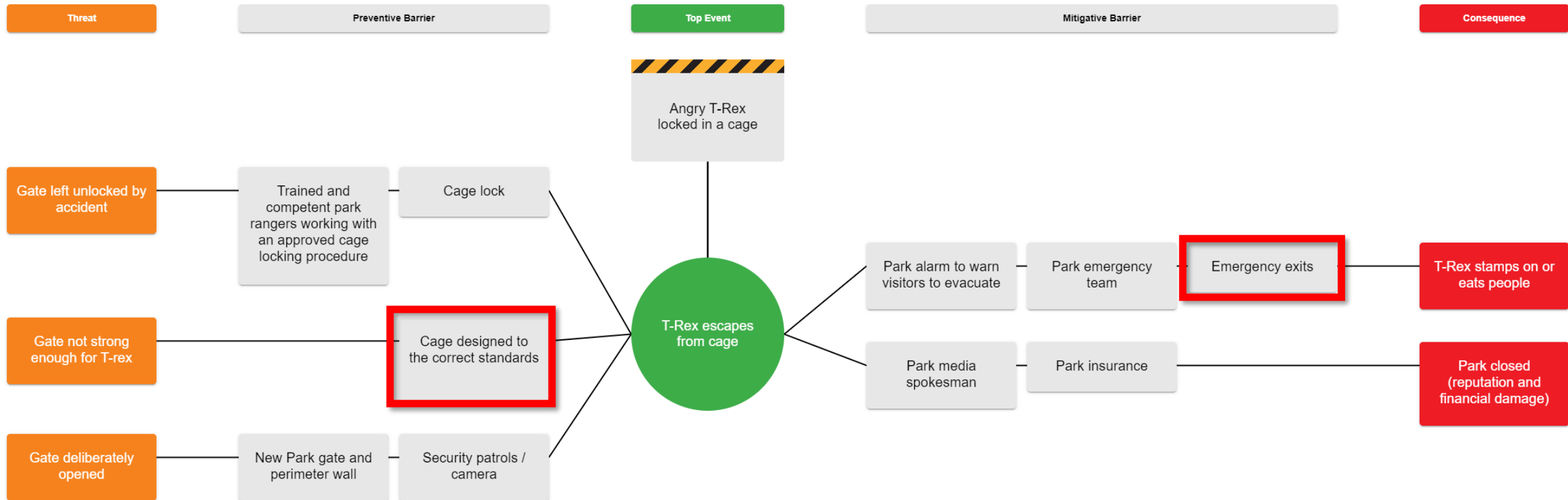


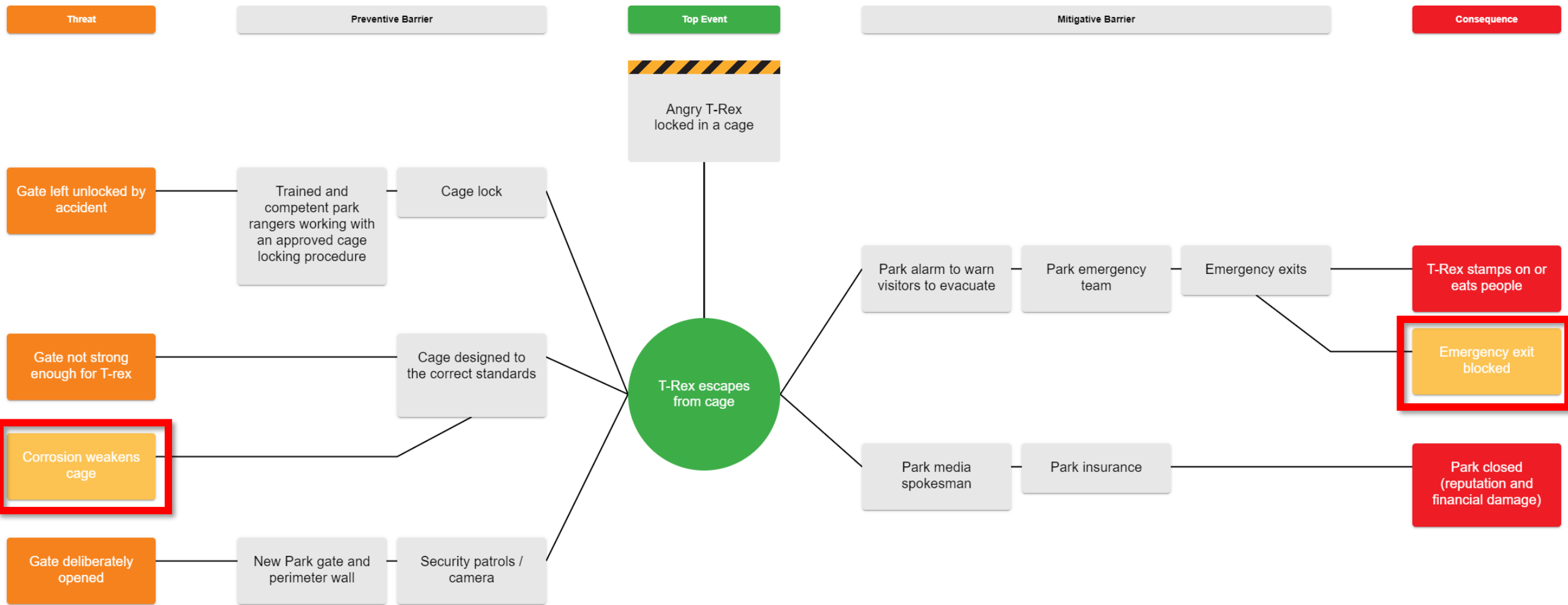


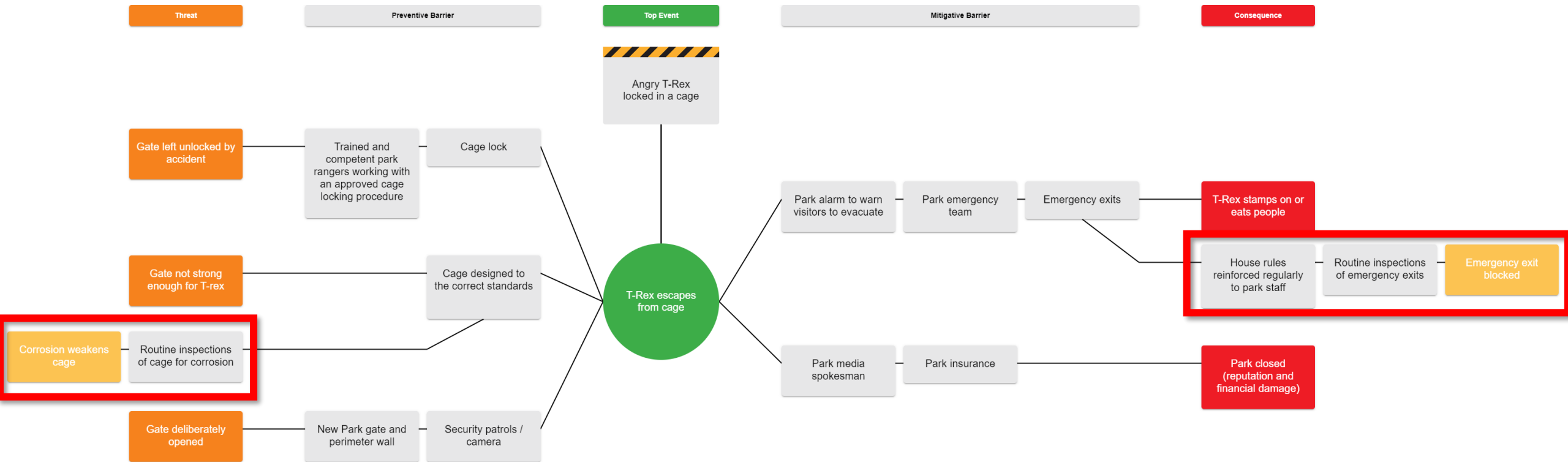
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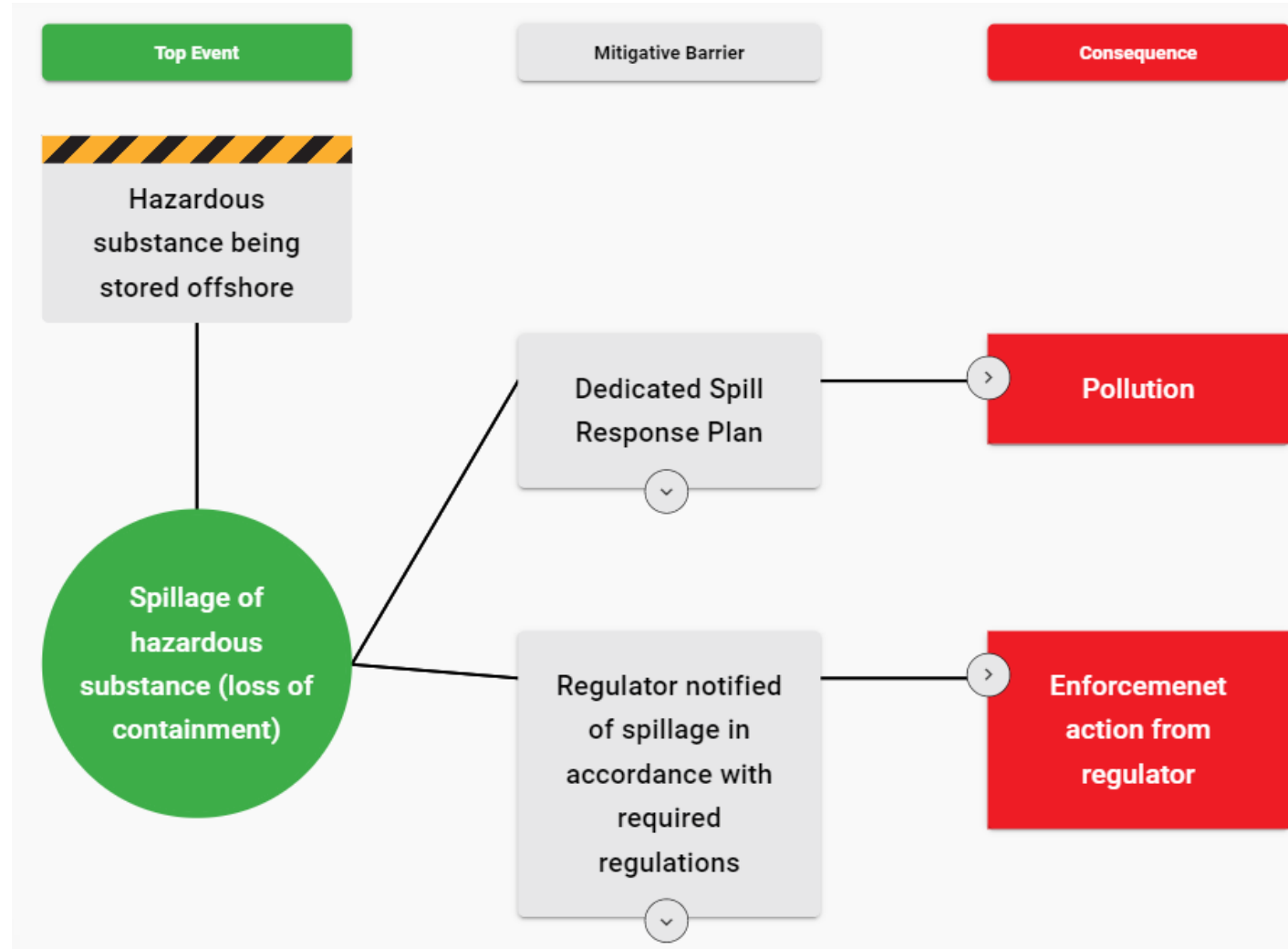
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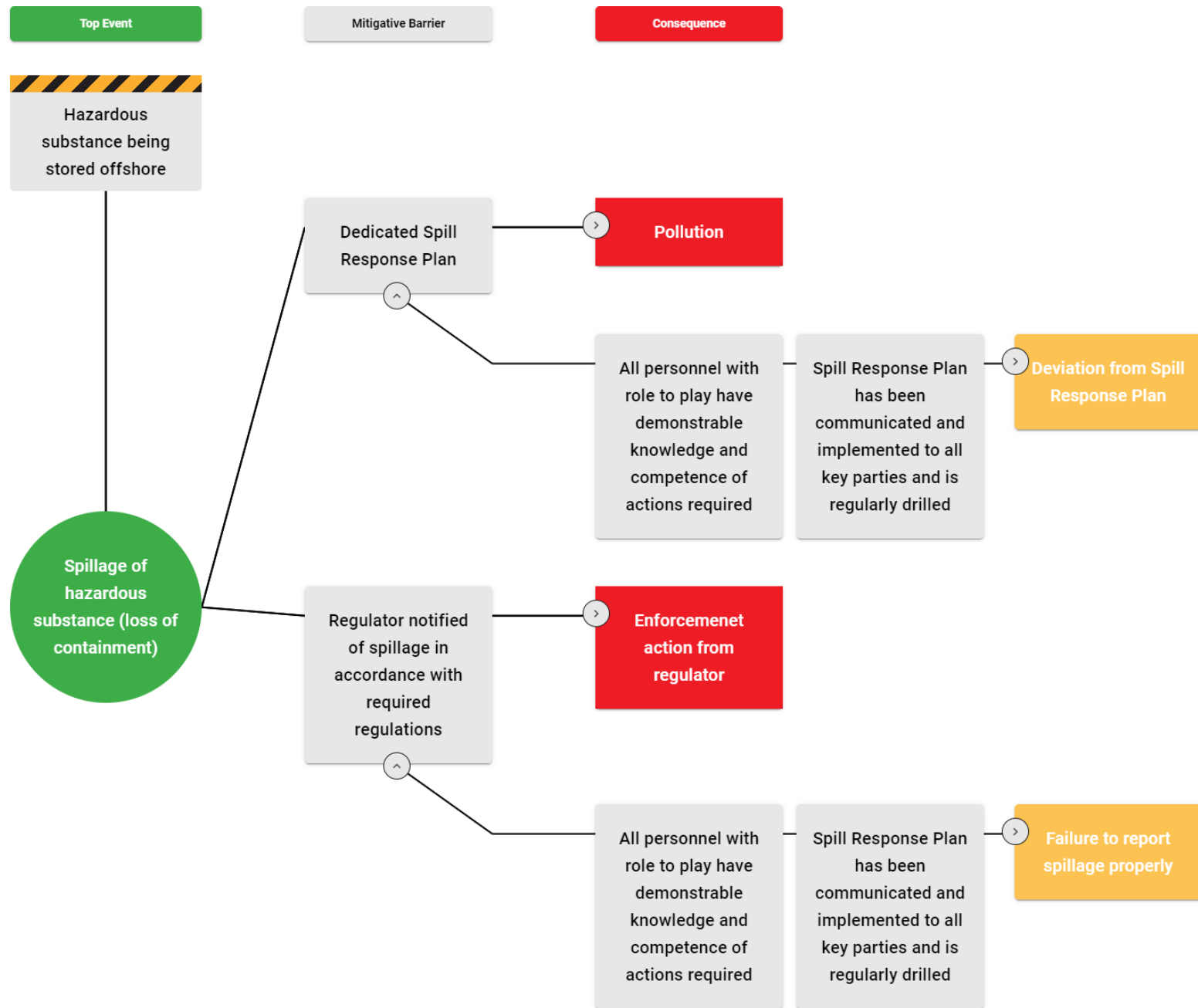


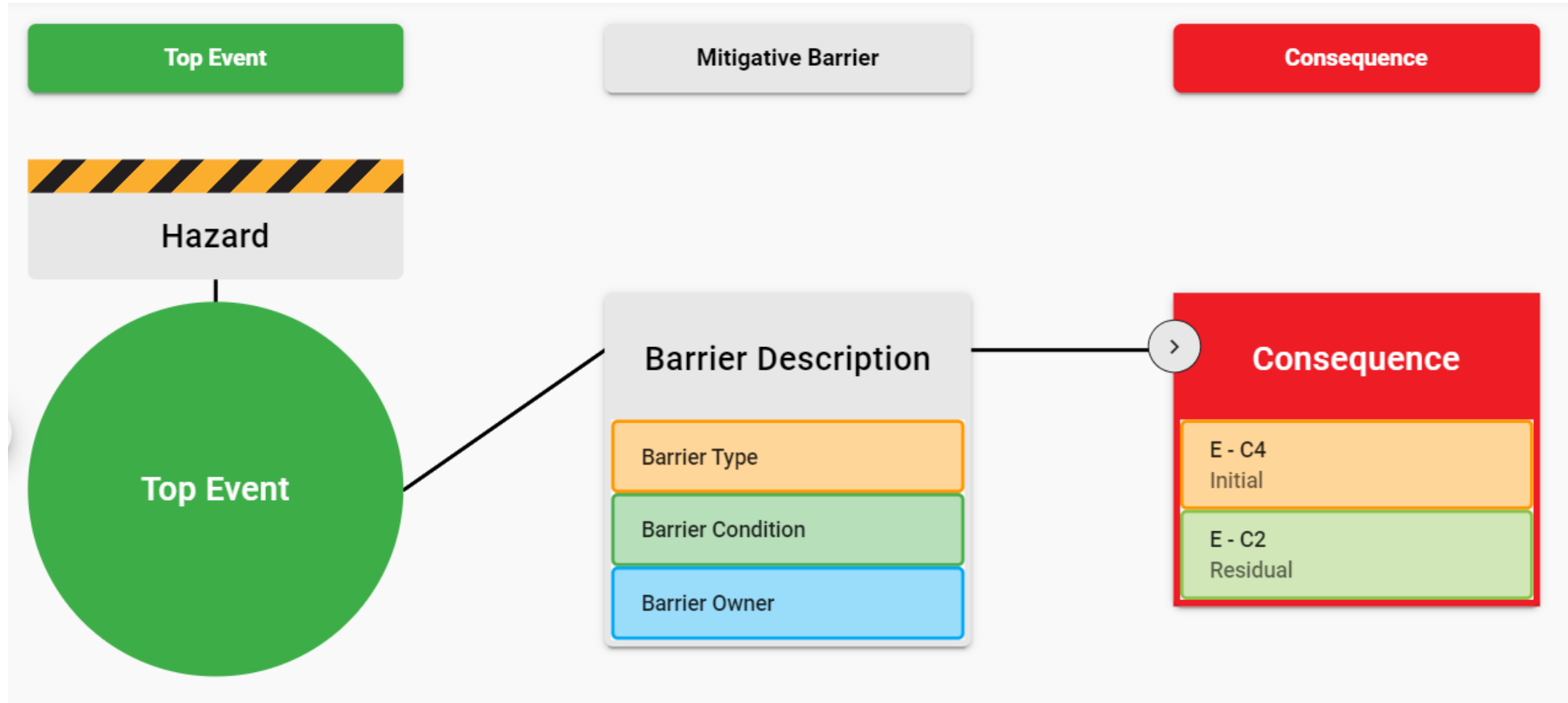












Risk management is not the
absence of incident, it is the
presence of barriers

Thank you!

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A black and white photograph of a rocky coastline. In the foreground, there are jagged, dark rocks. In the middle ground, a seagull is perched on a rock. In the background, an offshore oil rig is visible on the horizon under a cloudy sky.

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