

Ending Risk Management Groundhog Day

SESSION ID: GRC-R03

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Agenda

- ◆ You know you're in Groundhog Day when...
- ◆ How did we get here?
- ◆ Deming had it right
- ◆ The right questions
- ◆ Putting it to use

You know you're in Groundhog day when...

Dude... Again? Really?



You know you're in Groundhog day when...

You see the same problems repeatedly
...even after you've "fixed" them
...multiple times

Common examples

- ◆ Access privileges not removed/changed
- ◆ Personnel writing passwords on sticky notes
- ◆ Change management processes not being followed
- ◆ Applications being developed with significant security deficiencies
- ◆ Patches not being applied in a timely manner
- ◆ People opening obviously questionable e-mail attachments...

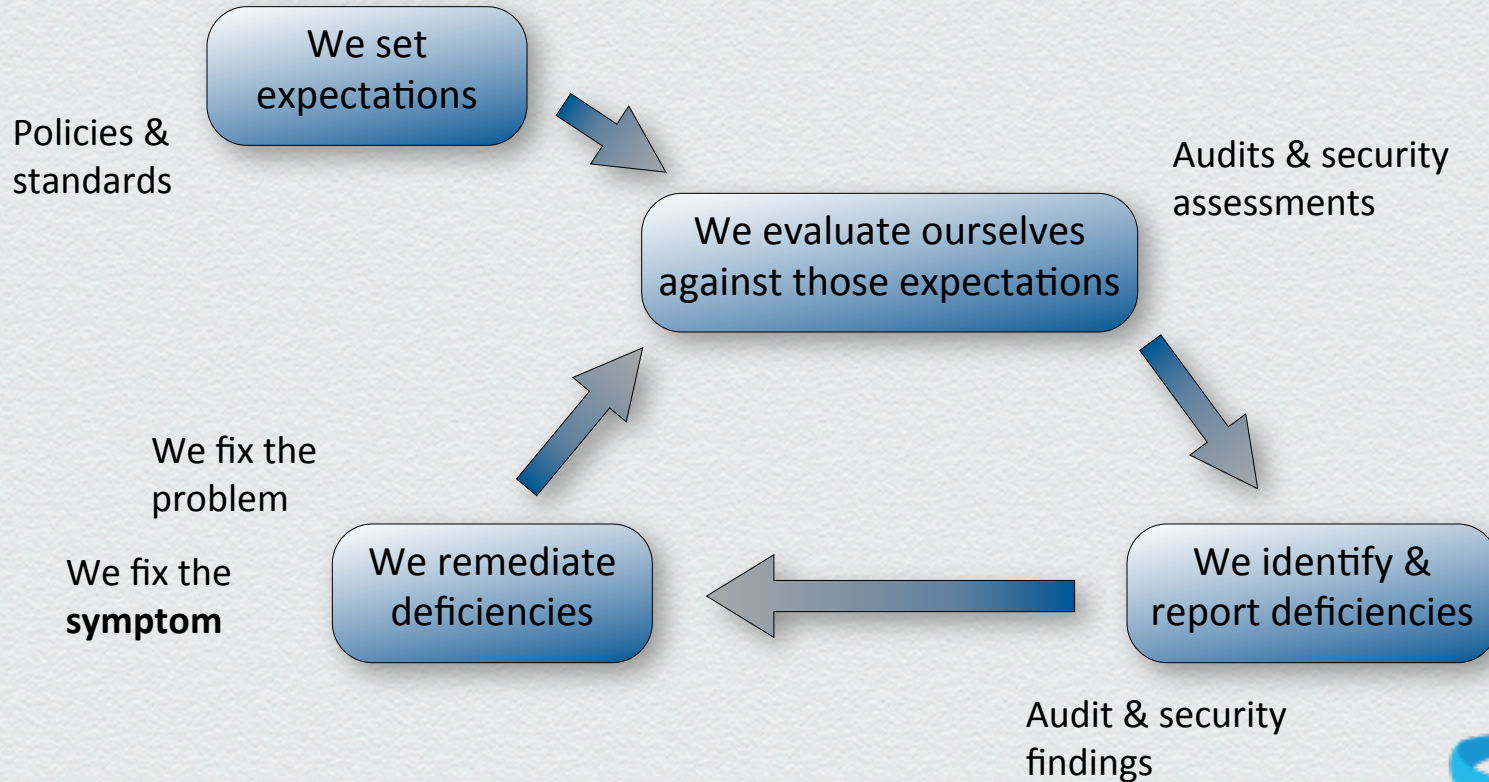
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How did we get here?

How did we get into GHD?



How did we get into GHD?

What's the primary reason why people
continue to make these mistakes where you work?

How did we get into GHD?

If you can't answer that...

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Deming Had it Right

Deming Had it Right

“If you do not know how to ask the right question, you discover nothing.”

Edwards Deming

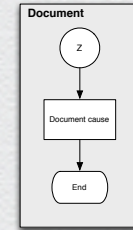
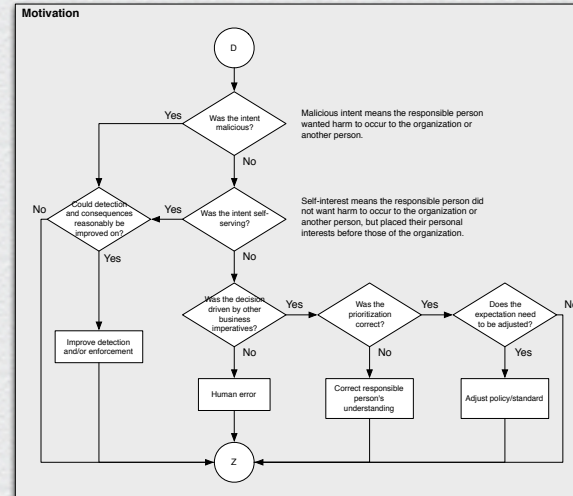
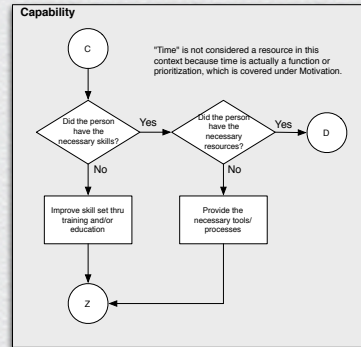
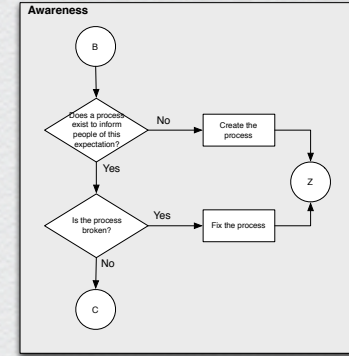
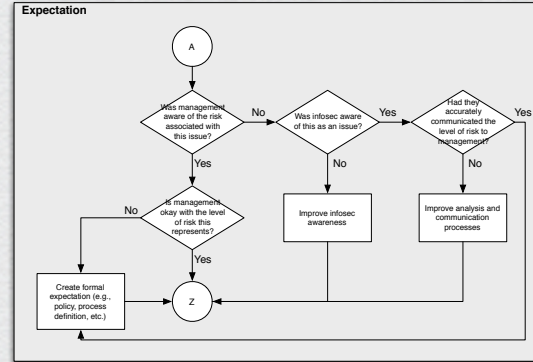
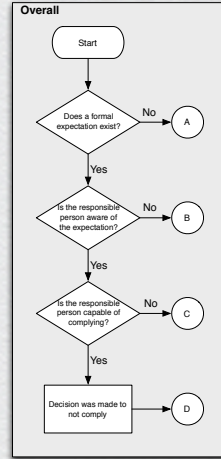
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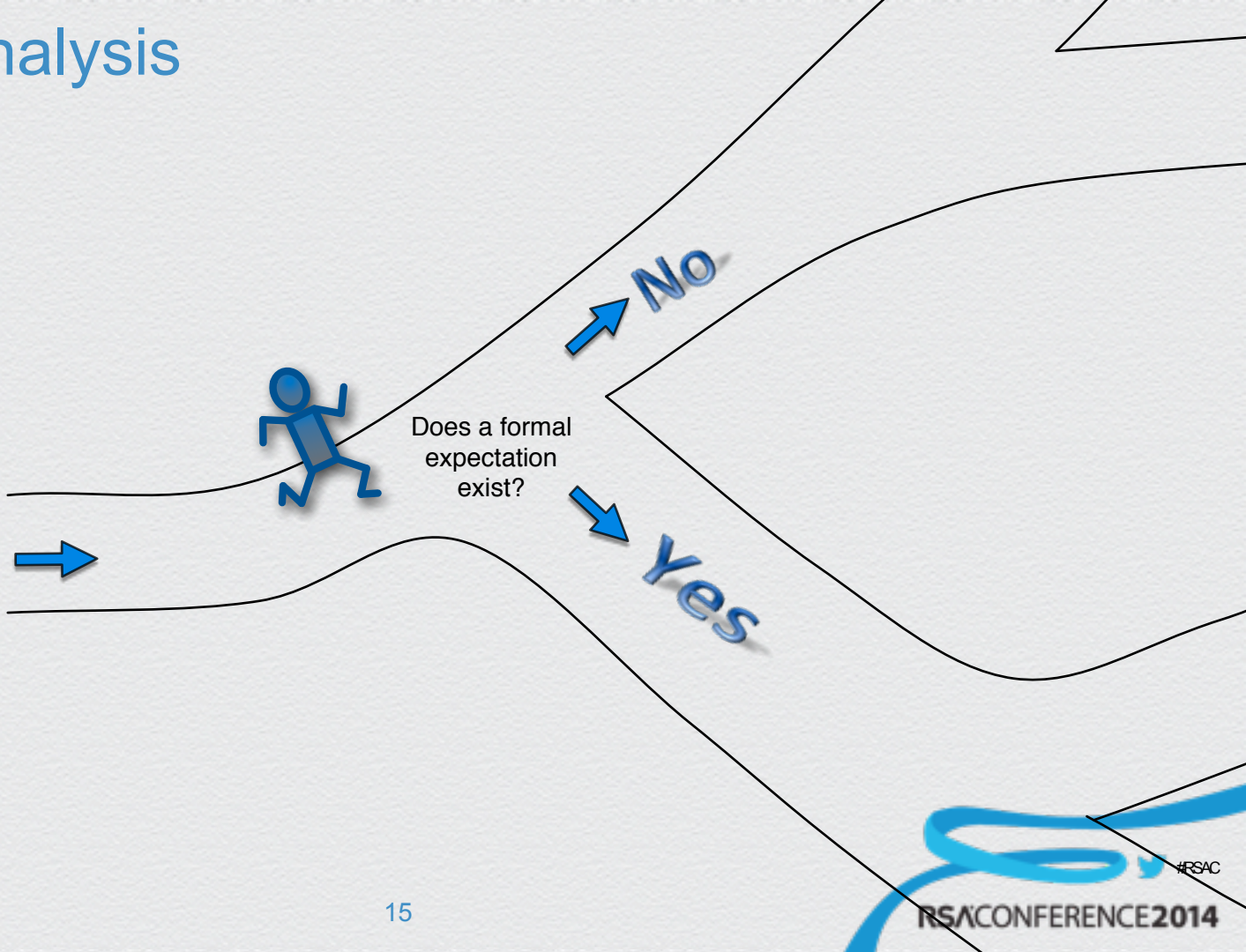


The right questions...

Flow chart



Root Cause Analysis Gameboard



Does a formal
expectation
exist?

→ No

→ Yes



Is the responsible
person aware of
the expectation?

→ No

→ Yes

Is the responsible
person aware of
the expectation?

→ No



Yes



Is the
responsible
person capable
of complying?

→ No



Yes

Is the
responsible
person capable
of complying?

→ No

→ Yes



Decision was
made to not
comply



Decision was
made to not
comply



Was the intent
malicious?

No

Yes



Was the intent
self-serving?

→ No

→ Yes

Was the intent
malicious?

→ No

→ Yes



→ Yes

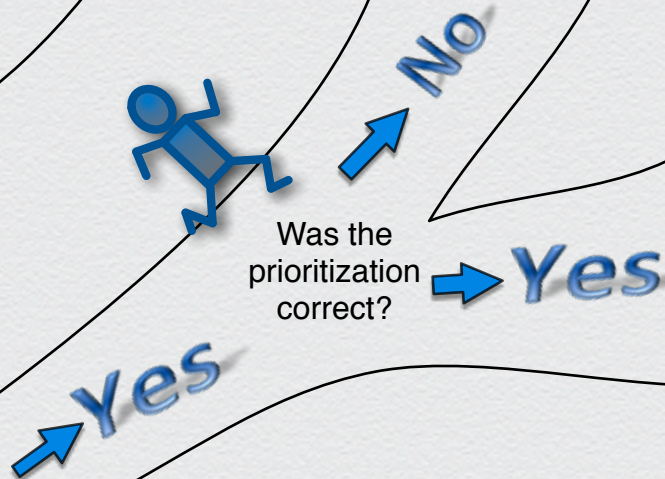
Was the decision
driven by other
business imperatives?

→ No

→ No

Was the intent
self-serving?

→ Yes



Was the decision driven by other business imperatives?

No

Correct
responsible
person's
understanding



No

Was the
prioritization
correct?

Yes

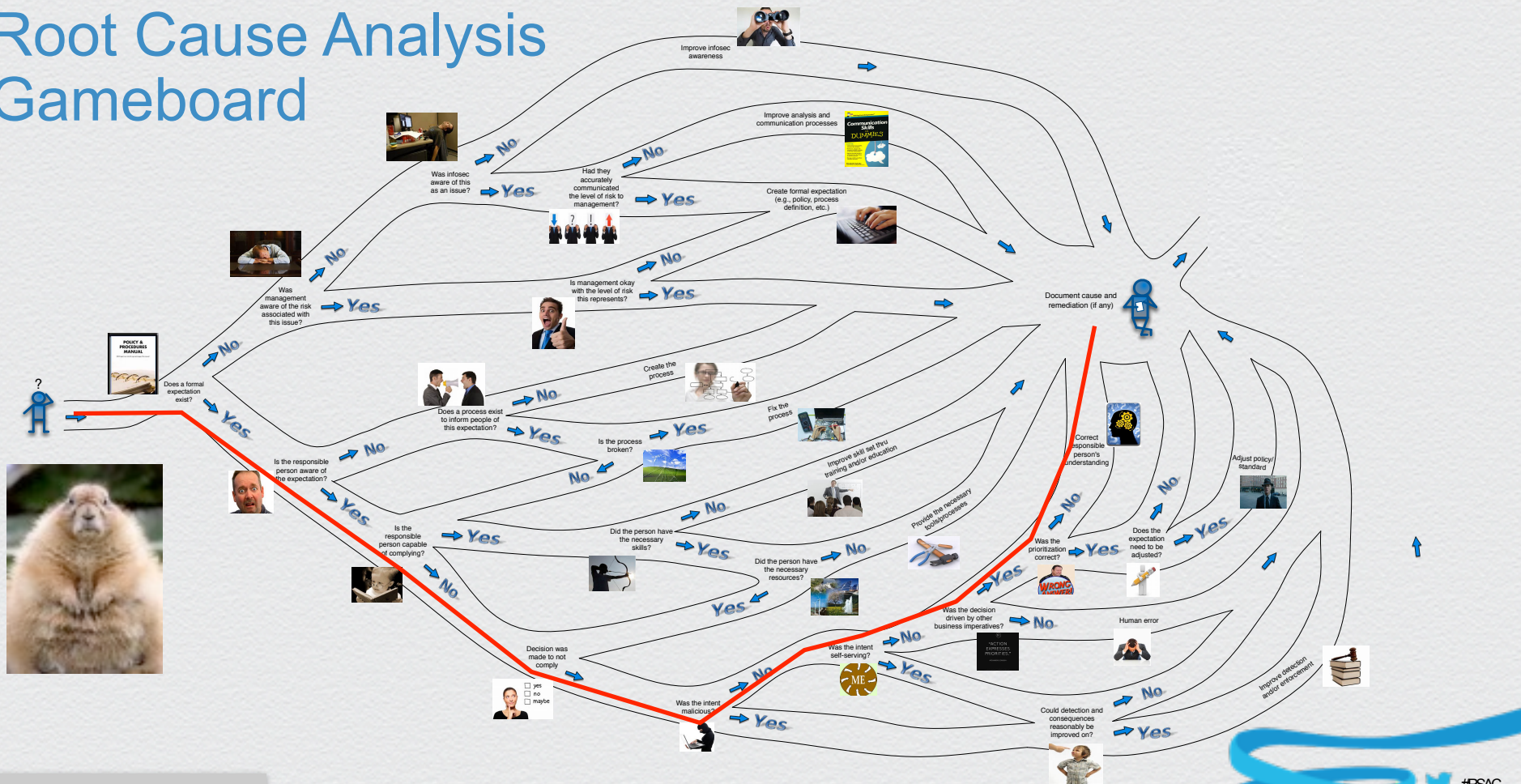
Yes

Document cause and
remediation (if any)



Correct
responsible
person's
understanding

Root Cause Analysis Gameboard



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Putting it to use

Putting it to use

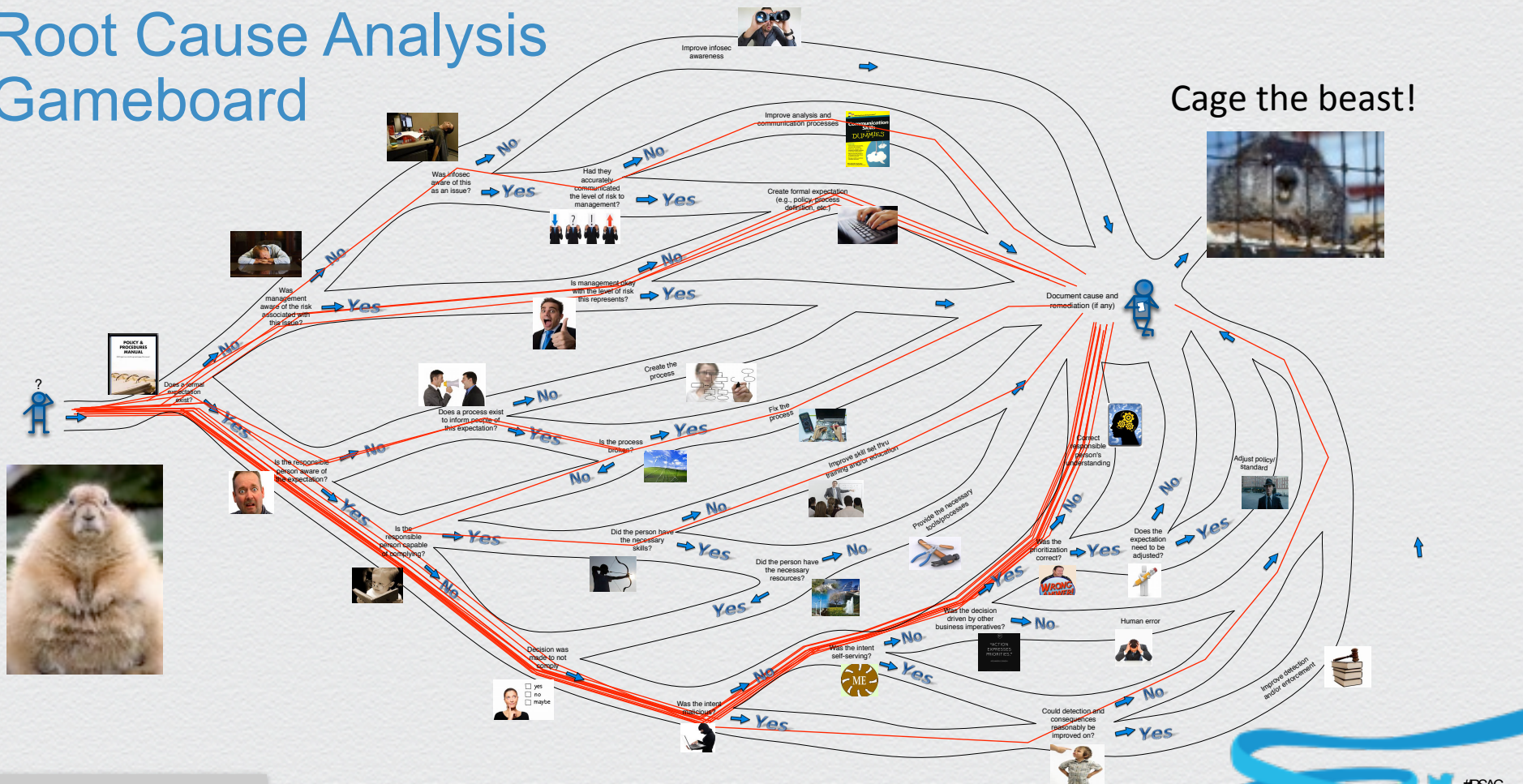
Getting to the root cause of a persistent issue is great, but it doesn't get the organization out of GHD on a larger scale...

Putting it to use

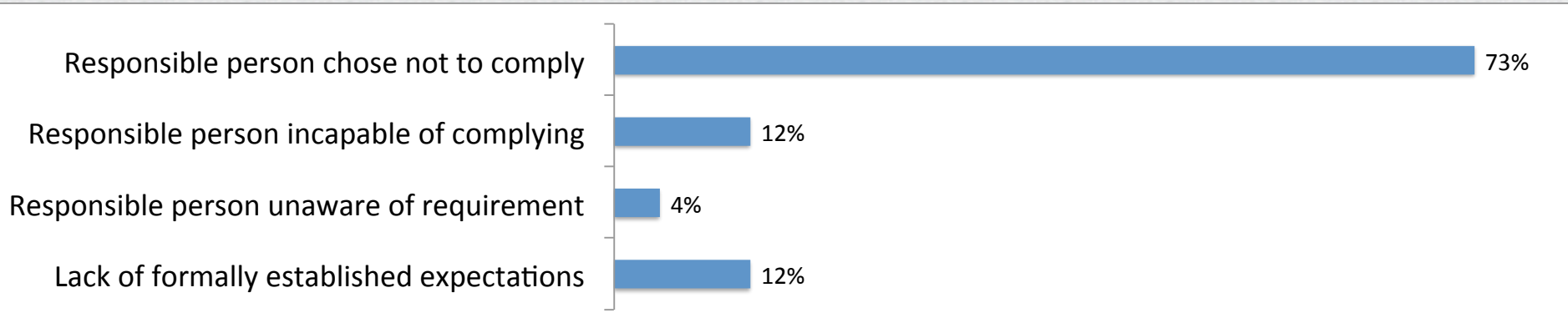
What happens if you use this root cause analysis on a portfolio of issues?

Root Cause Analysis Gameboard

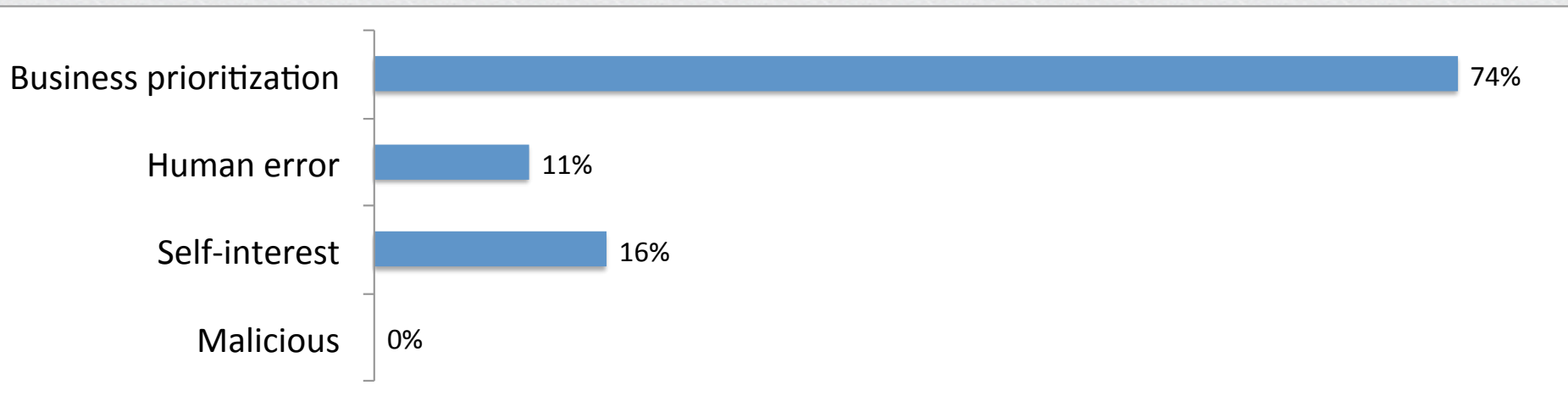
Cage the beast!



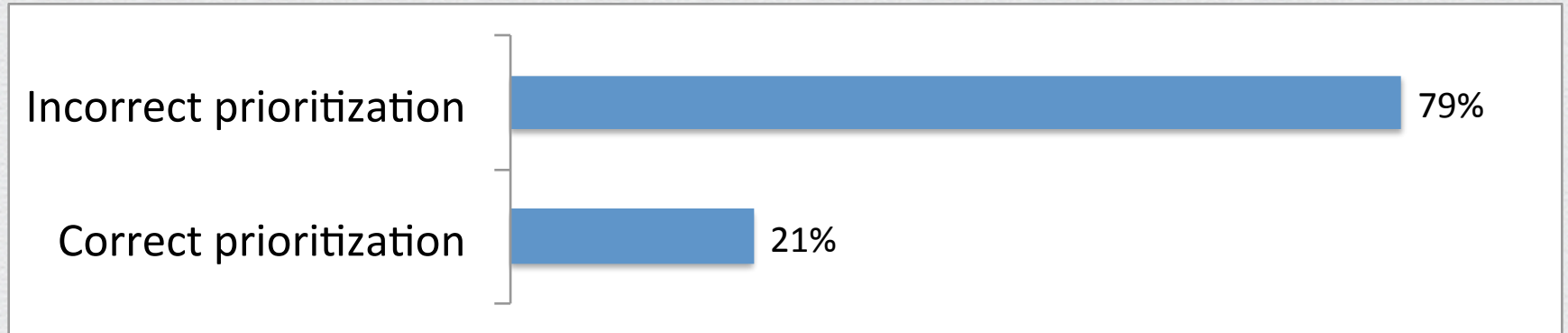
You might get something like this...



Digging in...



Digging in some more...



Points of integration

- ◆ Audit and security test results
- ◆ Project management
- ◆ CIRT process

Segmenting analyses and results

- ◆ Primary root causes may vary by...
 - ◆ Department / line of business
 - ◆ Technology

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Summary

Summary

- ◆ GHD results from not recognizing and dealing with root causes
- ◆ As a rule, we remediate symptoms rather than root causes
- ◆ Knowing the questions to ask makes all the difference
- ◆ Root causes are often systemic
 - ◆ Portfolio analysis allows us to recognize and treat systemic problems
- ◆ Integration into existing processes allows you to acquire, track, and leverage data over time, which allows you to...
- ◆ Cage the beast!

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Questions?

