

Be

riskSMART

An OGP Operational Transformation Initiative

THE AGENCY'S VISION.....

THE FOCUS AREAS MAP TO SEVEN ONGOING INITIATIVES

FOCUS AREAS

Our People

Accepting Risk

Technology

Innovation



INITIATIVES



Be riskSMART



An OEDO Futures Transformation Initiative

Why another risk-informed decisionmaking effort?

Provide a common high-level framework, applicable to all disciplines (e.g., technical, legal, corporate)

What is success?

- Confidence to use risk-informed decisionmaking
- Understand that the NRC mission is maintained
- Realize benefits by appropriately focusing resources to the most important endeavors

Obstacles Identified by the Staff

Siloed organization

Limited awareness of guidance

Potential flexibilities not reflected in guidance

*Treatment of low likelihood events

*Reluctance to adapt processes

*Limited consideration of benefits

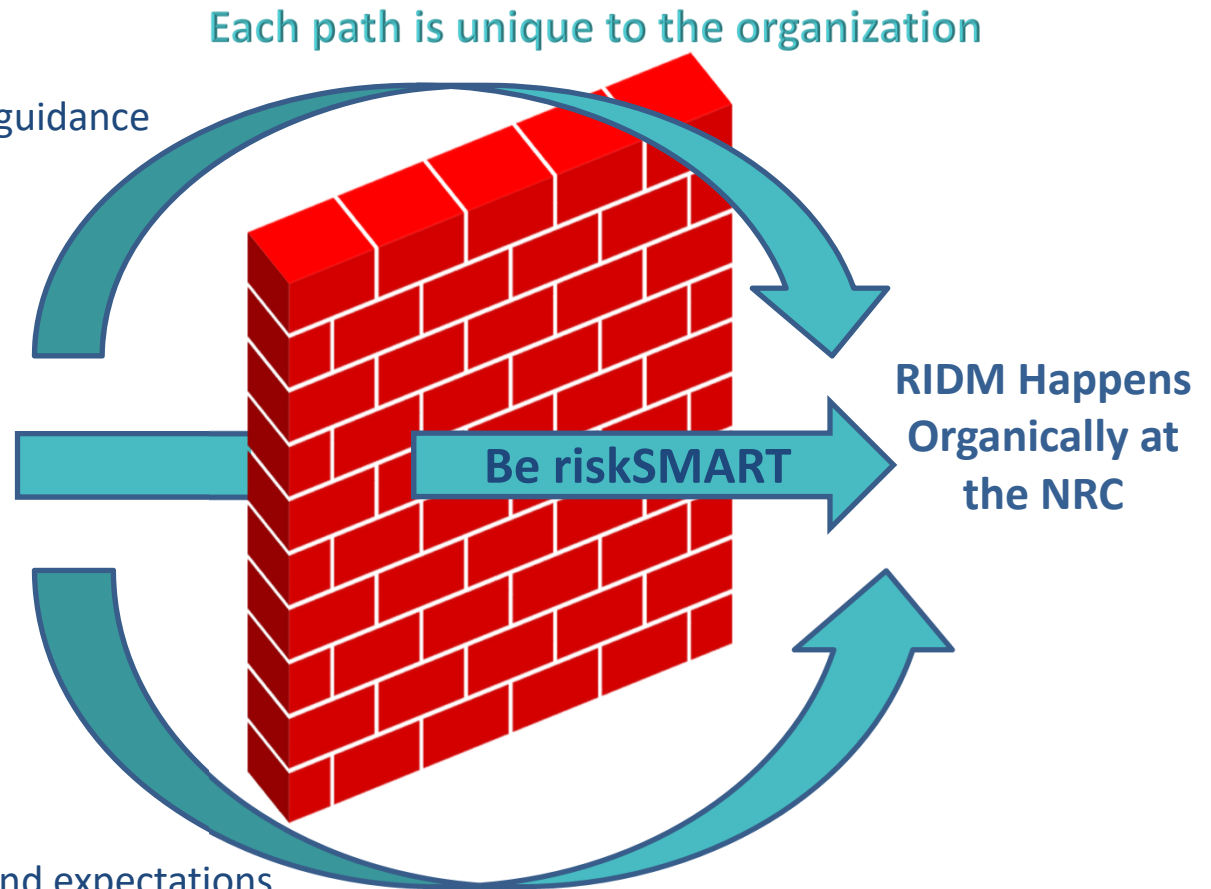
*Applied too late in process

*Presence of uncertainties

Lack of guidance

*Rigid interpretation of regulations

Inconsistent management support and expectations

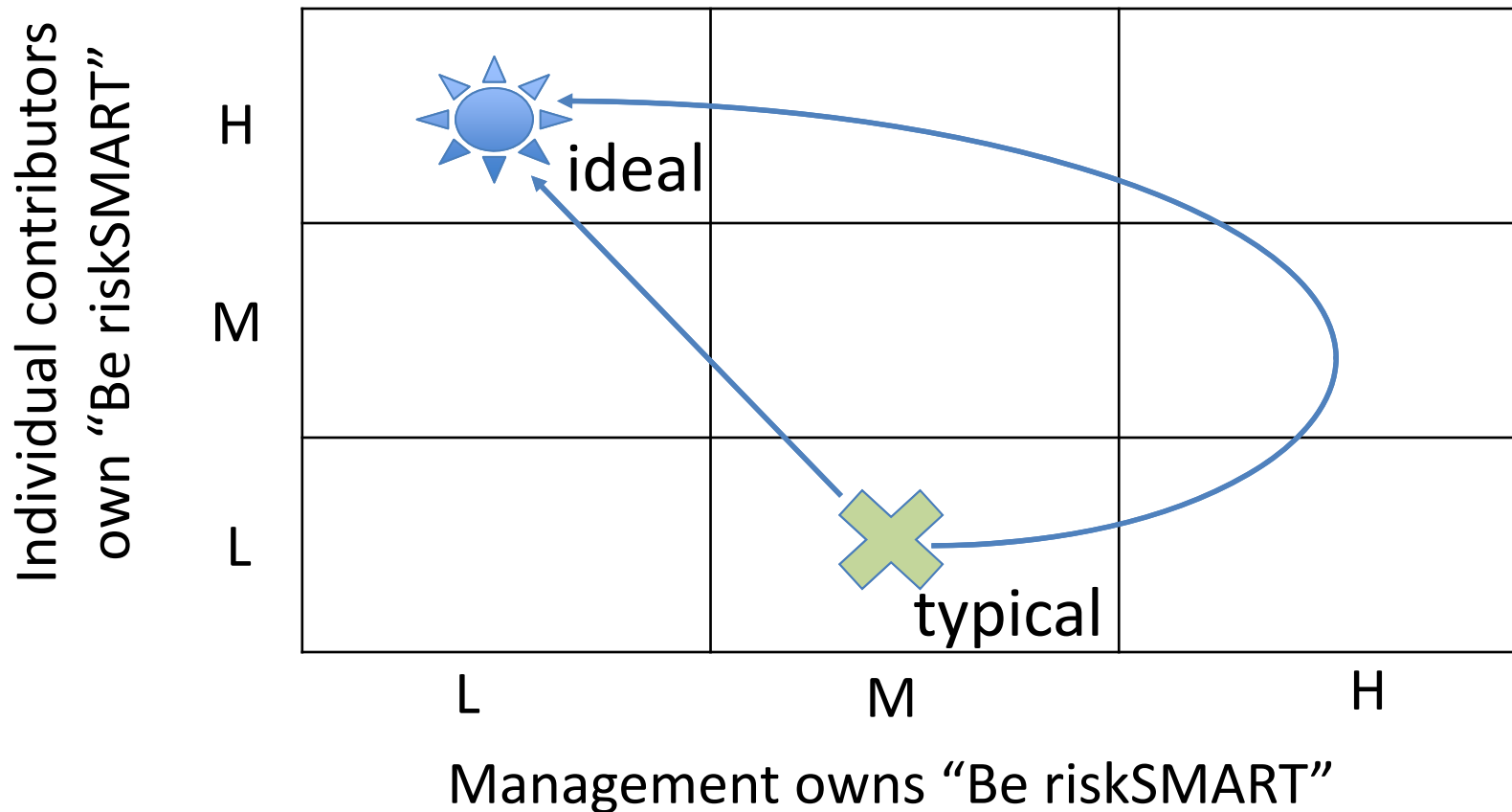


Summarized from: "Implementing Commission Direction on Applying Risk-Informed Principles in Regulatory Decision Making," [ML19319C832](#)

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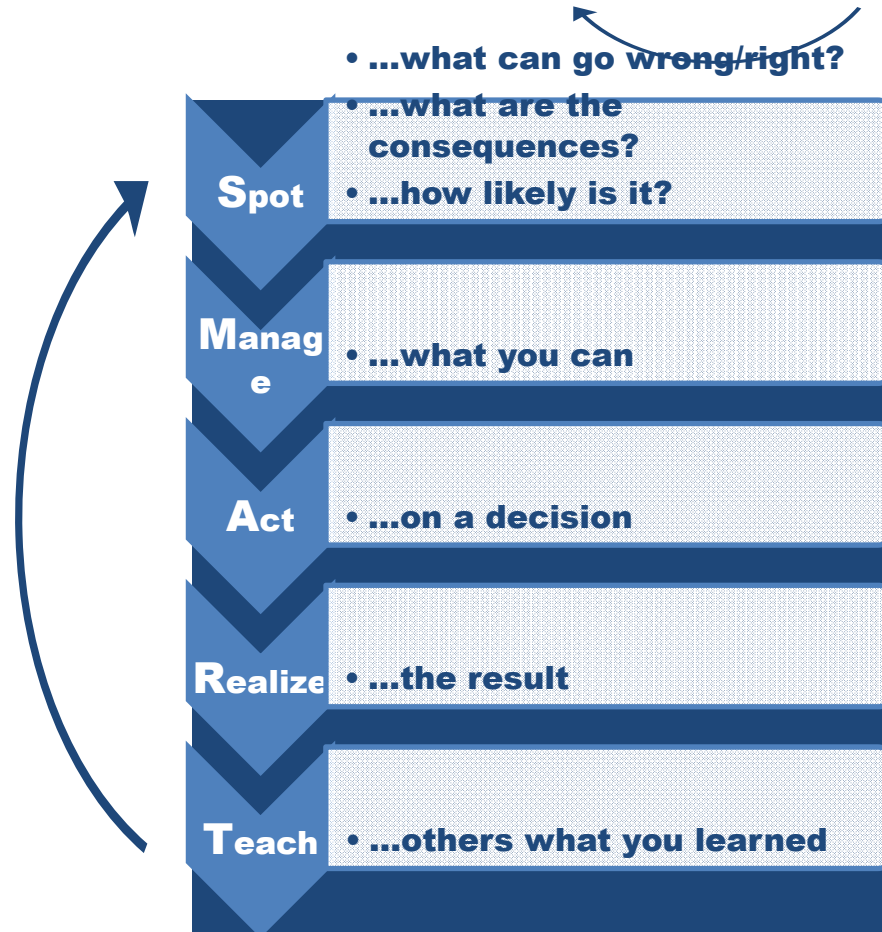
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Gauging Success: Risk Informed Decisionmaking Starts with YOU!



Let's be a part of the change together!

Be riskSMART



**Spo
t**

...the problem statement

Articulate the Problem Statement

Should I commute to work using a bike to get more exercise?



Consider:

- Do I need to ask the question
- Is there a pre-determined answer (e.g., employer commuting policy, law)

**Spo
t**

...what can go wrong/right?

What event(s) or circumstance(s) present a challenge or opportunity?

Challenge



Opportunity

Need exercise to stay
healthy

Get exercise while
commuting

Fall

Save Gas

Spot

...what are the consequences?

What are the possible outcomes of the challenges or opportunities?

Challenge



Opportunity

Health Declines



Health Improves

INJURY

Increased Income

Better for Environment

**Spo
t**

...how likely is it?

Using the best available information (could be quantitative and/or qualitative), what is the chance of event(s) or circumstance(s) leading to a particular consequence

Challenge



Opportunity

Health Declines: ~100%

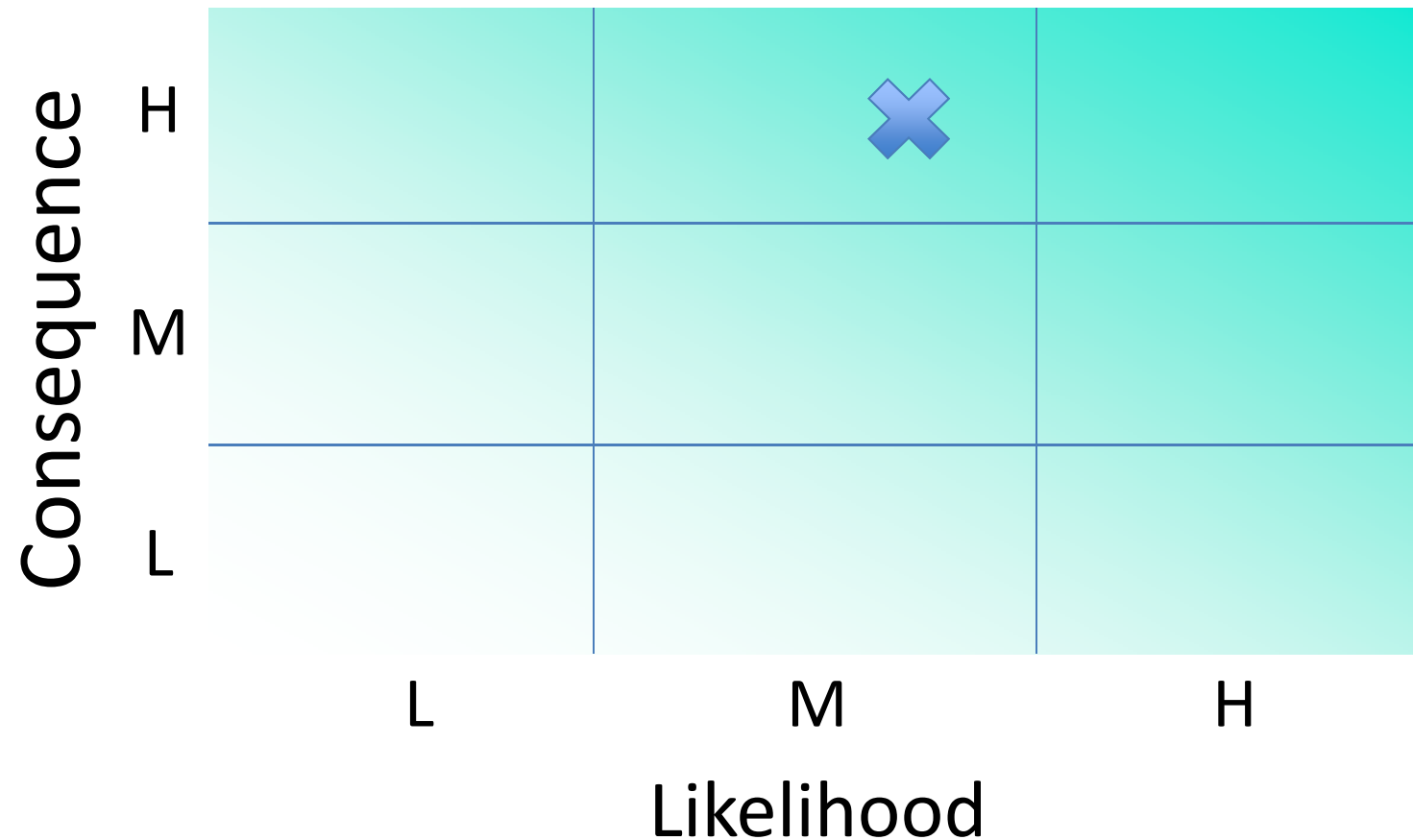
Injury: % Depends on severity, traffic, terrain, proficiency

Health Improves: % Depends on technique, equipment and commute conditions

Increased Income: ~100%

Better for Environment: ~100%

Document Spotting Results Using a Heat Map



**Manag
e**

...what you can

How can I mitigate, prevent, prepare for, and transfer challenges and/or enhance the opportunities?

Challenge (Mitigate)



Opportunity (Enhance)

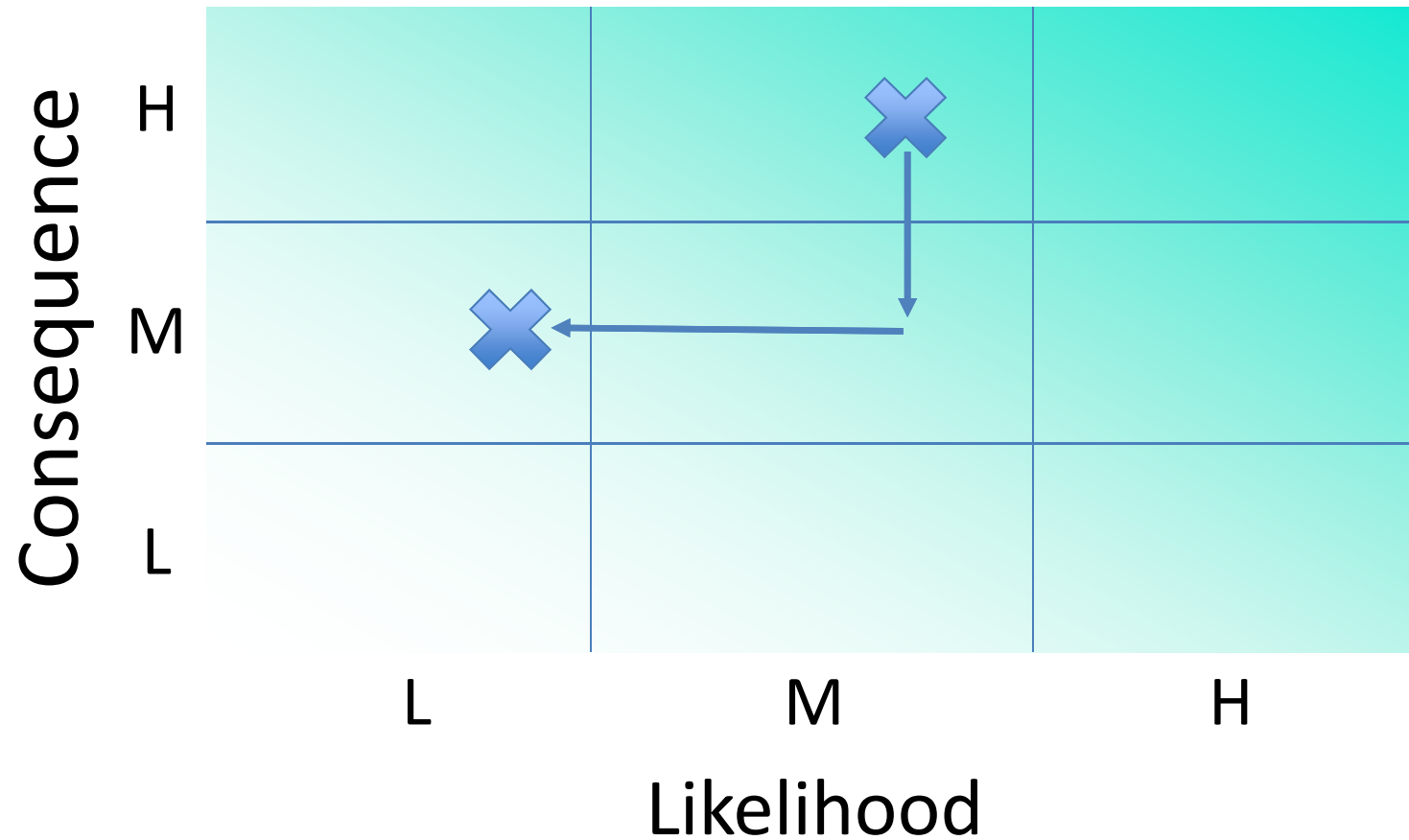
No Exercise → Health Declines:
engage in other types of exercise
instead

Fall → Injury: buy protective gear, get
better bike, don't ride in bad weather,
carry first aid kit, ride on better roads

Exercise → Health Improves: work on
technique to get more benefits

Save Gas → Increase Income & Better
for Environment: nothing to manage

Adjust Results Based on Management Strategies



Collate “Heat Map” Inputs

Challenge



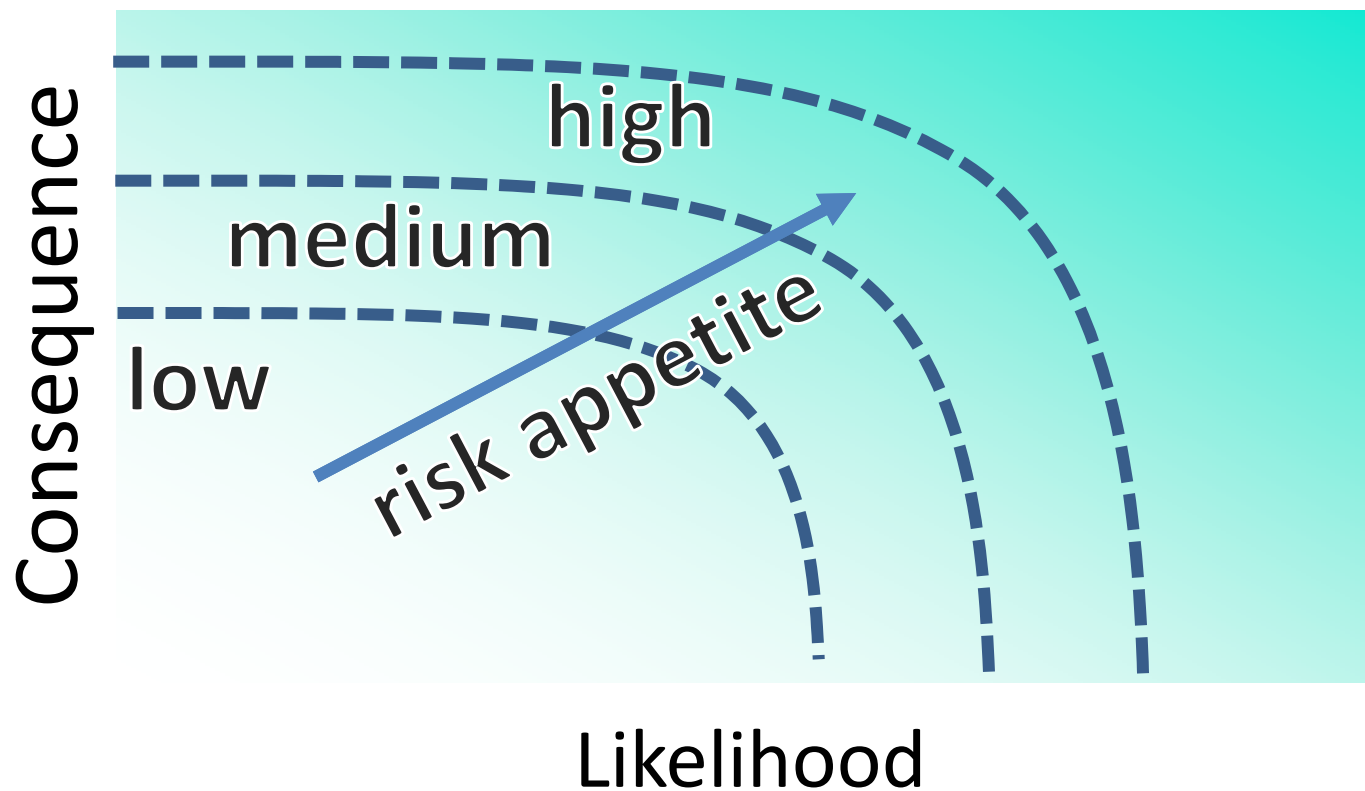
Opportunity



Act

...on the decision

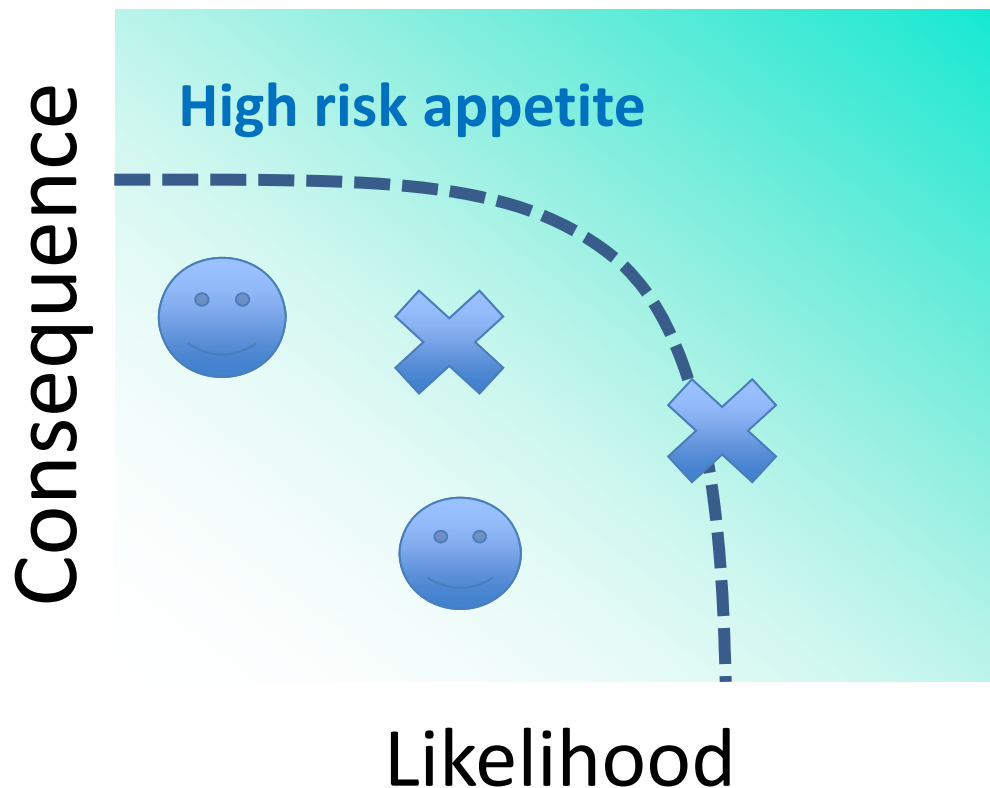
After hearing everyone and evaluating the information, document what you “spotted” and “managed,” and make a decision.



Act

...on the decision

After hearing everyone and evaluating the information, document what you “spotted” and “managed,” and make a decision.



Go Biking!

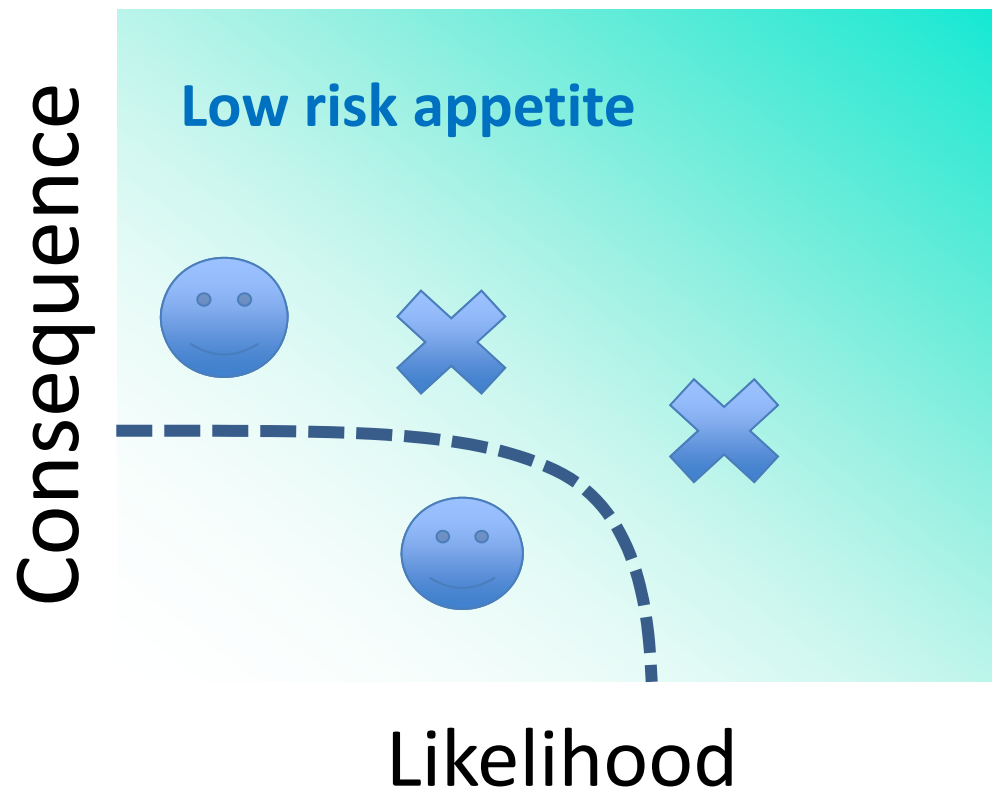
Nah... not worth
it—continue to
go to the gym



Act

...on the decision

After hearing everyone and evaluating the information, document what you “spotted” and “managed,” and make a decision.



Go Biking!

Nah... not worth
it—continue to
go to the gym



**Realiz
e**

...the result

Now it's time to implement and ascertain efficacy!



Do what you decided under “Act” while

managing what you can and

measuring your performance and progress

Teach

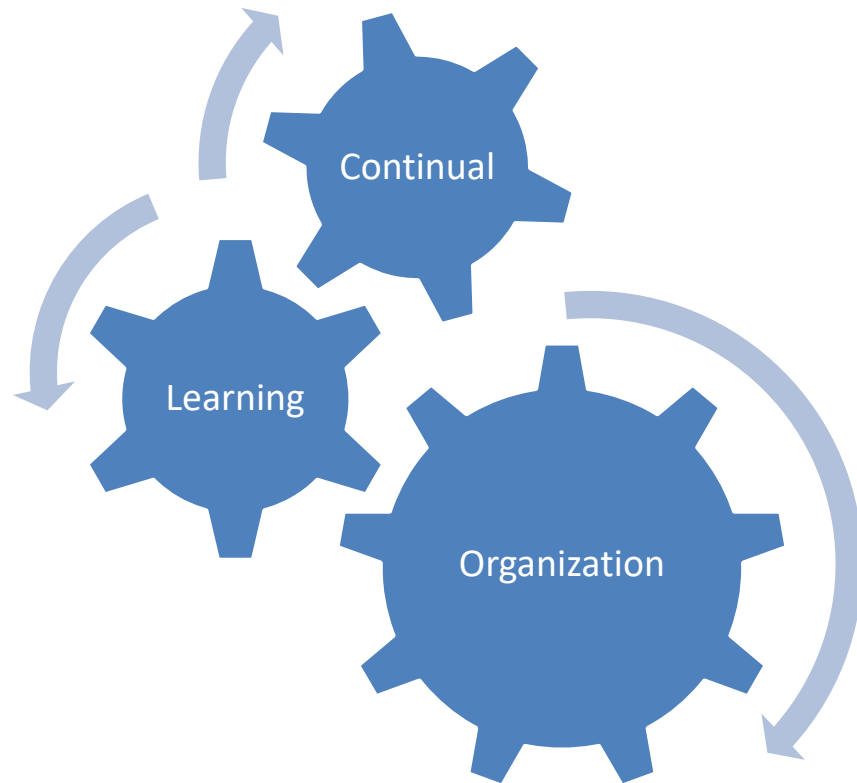
...others what you learned

Take the time to manage knowledge by synthesizing lessons-learned and insights, and disseminating to a broader audience—spread the word!



- Bring a colleague next time
- Share information on best gear, routes, sites with biking group/blog
- Apply lessons-learned to a new activity

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Make adjustments as
things change (weather)
and you learn new
things (traffic pattern)

Obstacles Identified by the Staff

*Reluctance to adapt processes (T)

Potential flexibilities not
reflected in guidance (S)

Inconsistent management
support and expectations (A)

*Treatment of low likelihood events (S)

*Applied too late in process (S)

Siloed organization (SMART)

*Rigid interpretation
of regulations (S)

Limited awareness
of guidance (T)

*Presence of uncertainties
(M and S)

Lack of guidance (T)

*Limited consideration of
benefits(S)

Let's be a part of the change together!

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Be on the lookout for these next steps...

Milestone	Date
Develop Diagnostic Tool	February 2020
Conduct Pilot Tests	April 2020
Finalize Framework	May 2020
Deliver Functional Area Training	September 2020
Perform Knowledge Check	December 2020
Collect Staff Examples	March 2021
Conduct a Jam	March 2021
Perform a Survey	April 2021

Questions?

Reach out to anyone on the

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OEDO Initiative Team

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