



# ALL SUCCESSFUL PROJECTS CREATE VALUE



† Adapted Value Chain Analysis

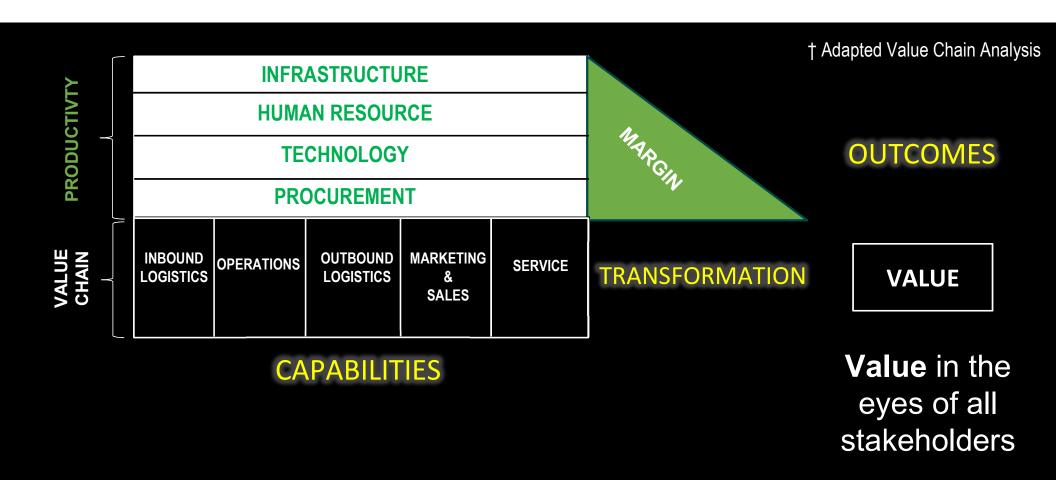
#### **OUTCOMES**



**Value** in the eyes of all stakeholders

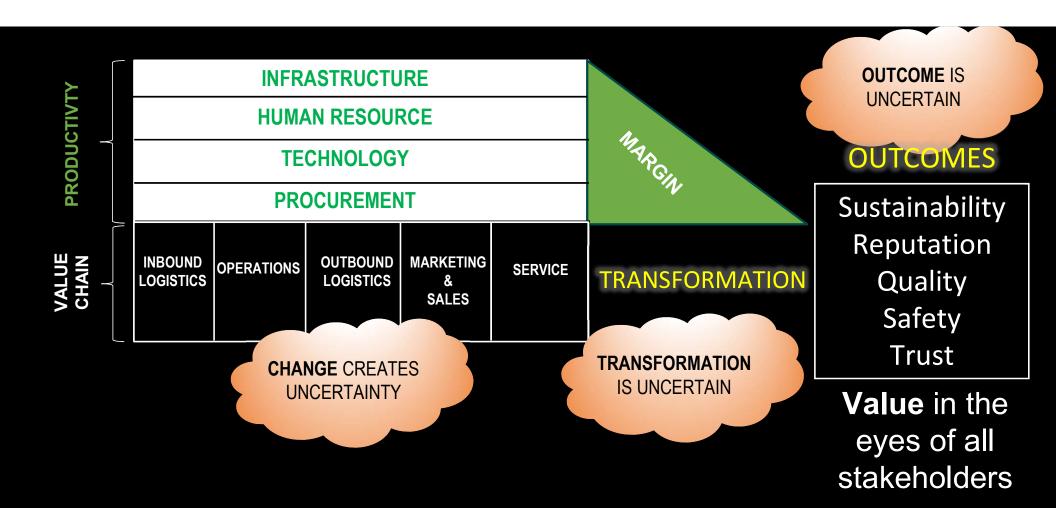
#### VALUE IS THE OUTCOME OF CAPABILITIES





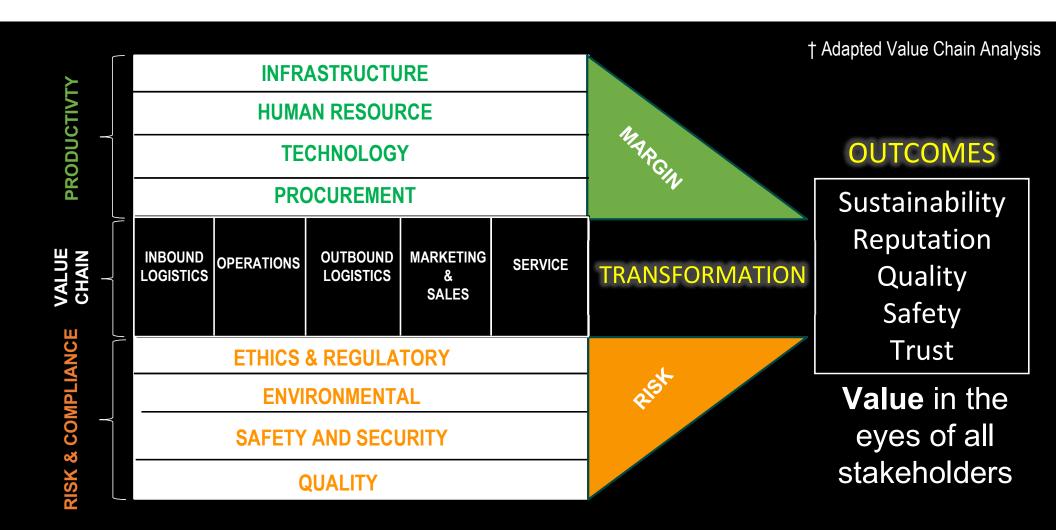
#### **INCREASING MARGIN IMPROVES VALUE**





#### THERE ARE OTHER OUTCOMES





#### **REDUCING RISK ENSURES OUTCOMES**



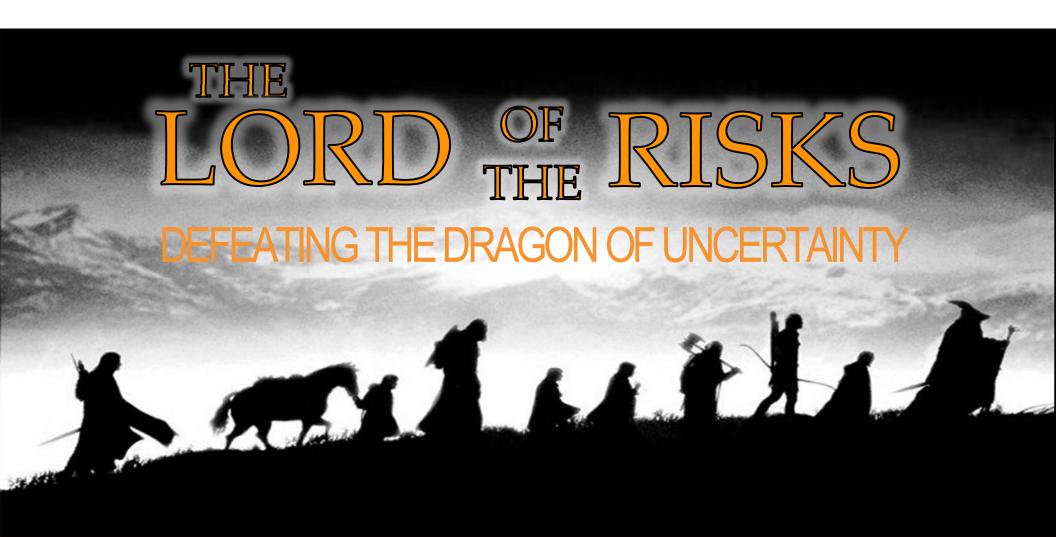
# **RISK THREATENS PROJECT AND MISSION SUCCESS**





WE DON'T LIKE TO HEAR, SEE, OR TALK ABOUT RISK





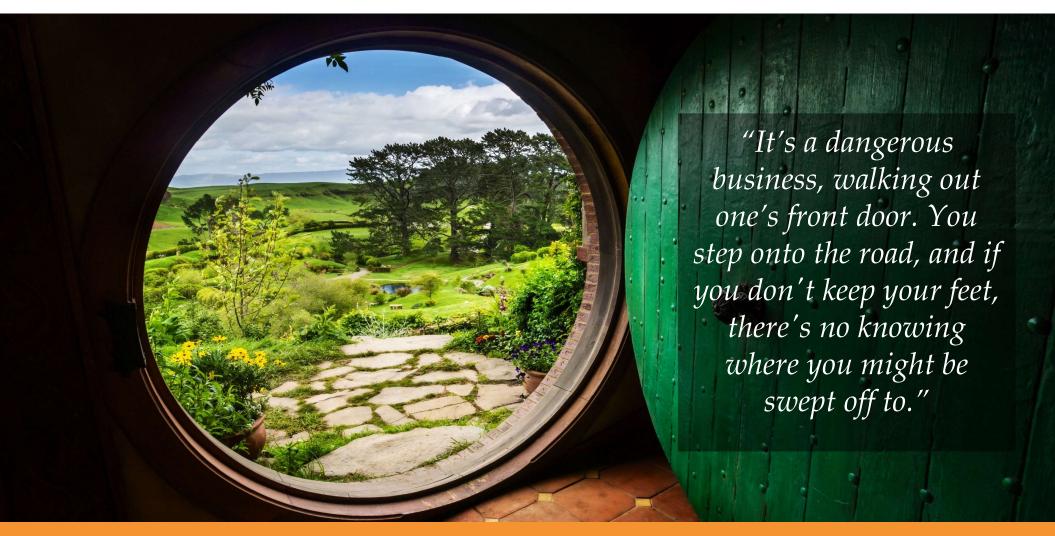
A STORY ABOUT A RING, FRIENDSHIP, AND AN UNCERTAIN MISSION





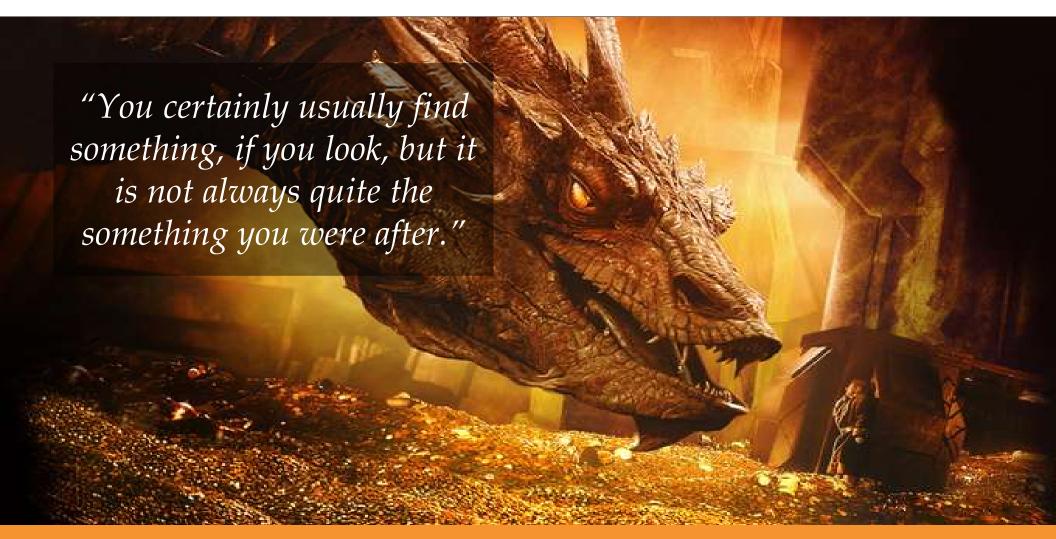
# MAP OF MIDDLE EARTH





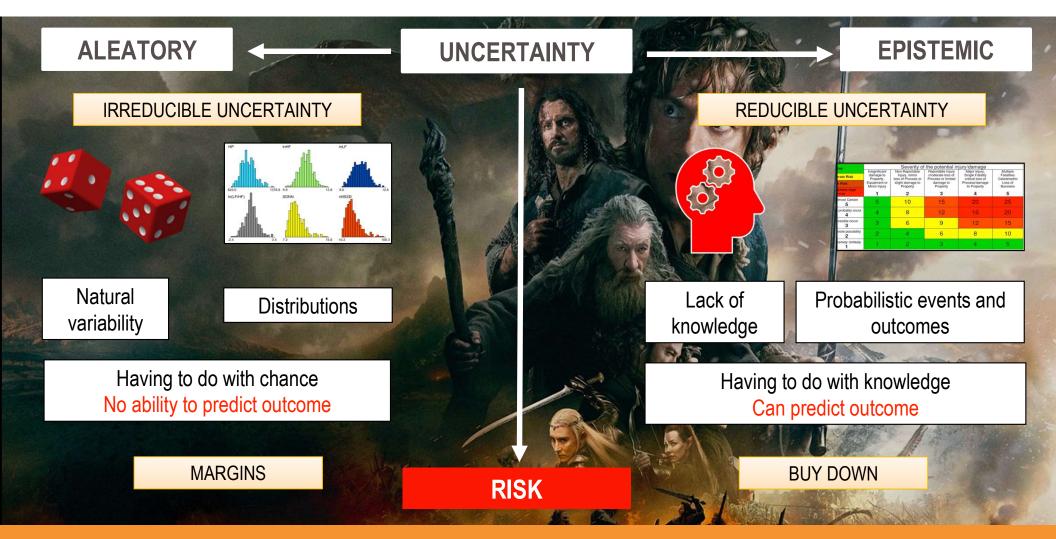
#### **ADVENTURES ARE RISKY AND UNCERTAIN**



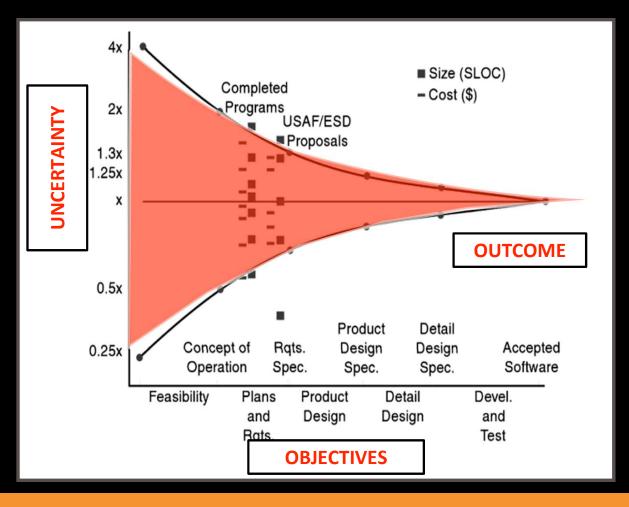


#### **UNCERTAINTY CREATES THE OPPORTUNITY FOR RISK**





#### TWO KINDS OF UNCERTAINTY



"effects of uncertainty on expected results" ISO 9001

"effects of uncertainty on objectives"

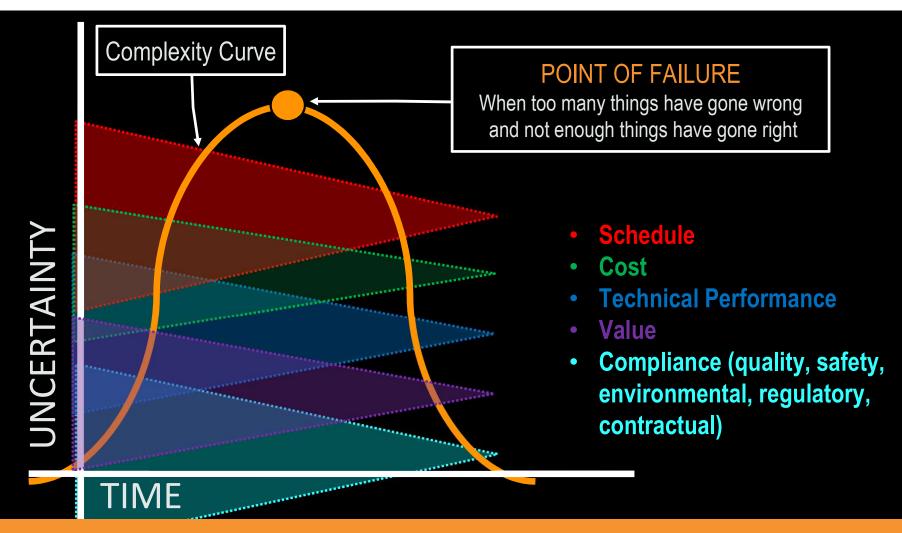
ISO 31000

"an uncertain event or condition that, if it occurs, has a positive or negative effect on a project's objectives."

PMI PMBOK

#### THE WIZARD'S HAT





## PROJECTS FAIL WHEN UNCERTAINTY OVERWHELMS THEM



#### **NOT ALL RISKS MATTER**



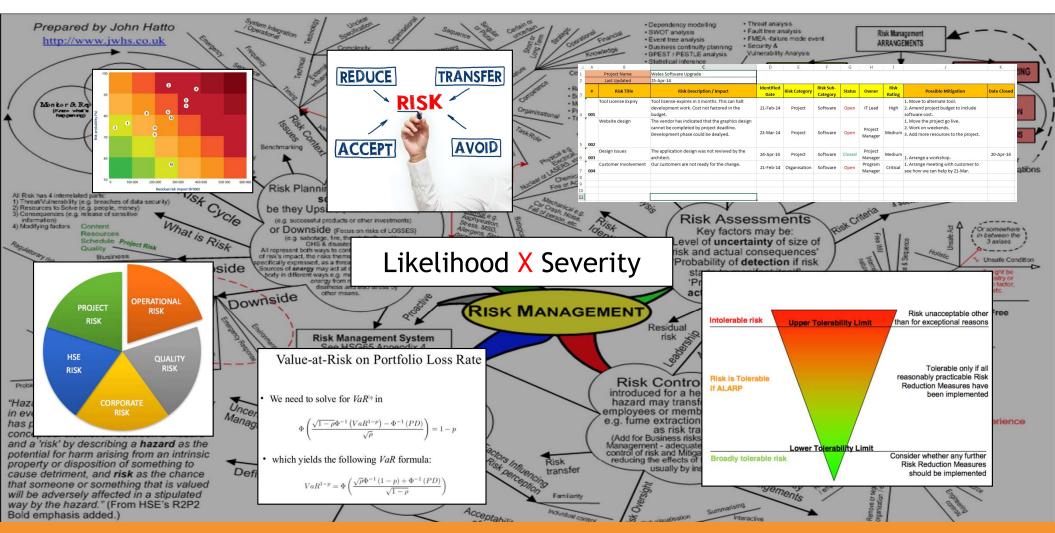
RISKS THAT MATTER ARE CONNECTED TO OUTCOMES





# TO CONTEND WITH UNCERTAINTY YOU NEED A STRATEGY





#### **OLD STRATEGIES BASED ON AN OLD MAP**

#### PREVENT LOSS

**ENSURE OUTCOMES** 

EARLY RISK MANAGEMENT TRADITIONAL RISK MANAGEMENT

ENTERPRISE RISK MANAGEMENT CERTAINTY MANAGEMENT

**1950** 

**1960** 

**1970** 

**1980** 

1990

2000

2010

#### **RISK MANAGEMENT HAS CHANGED**



#### **AVOID PROJECT FAILURE**

- PROTECT (GUARD) AGAINST LOSS
- MINIMIZE VARIATION BY REDUCING UNCERTAINTY AND HANDLING RISK
- FOCUS ON EFFICIENCY (COST, SCHEDULE, TECHNICAL PERFORMANCE)
- PAY ATTENTION TO WHAT MIGHT CAUSE FAILURE AND WHAT COULD GO WRONG

# PURSUE PROJECT SUCCESS

- ENSURE (MAKE CERTAIN OF) PROJECT OUTCOMES
- MAXIMIZE VALUE IN THE PRESENCE OF UNCERTAINTY BY IDENTIFYING AND EXPLOITING OPPORTUNITIES
- FOCUS ON EFFECTIVENESS (OUTCOMES, VALUE CREATION, BENEFITS REALIZATION)
- PAY ATTENTION TO WHAT IS CRITICAL TO SUCCESS AND WHAT NEEDS TO GO RIGHT

THE TWO TOWERS OF RISK MANAGEMENT





**Ostrich** I don't want to know



**Avoider** I don't want any risk



Manager Let's size the risk and decide



**Gambler** Let's play the odds



**Strategist** Let's reduce threats and exploit opportunities

**RISK** 

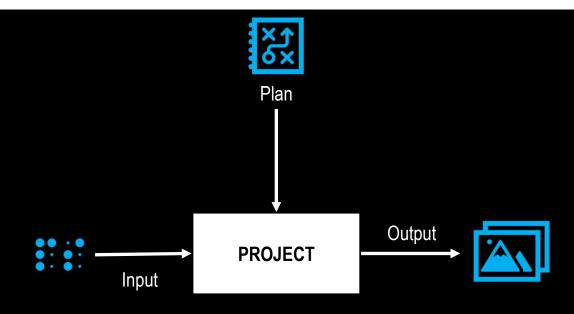
**RISK** TOLERANT INTOLERANT

RISK **NEUTRAL** 

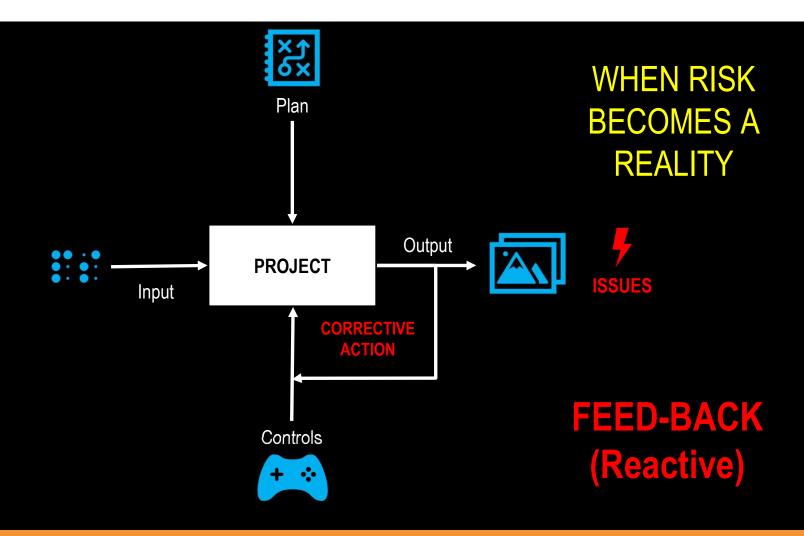
RISK **SEEKING** 

**RISK OPTIMIZER** 

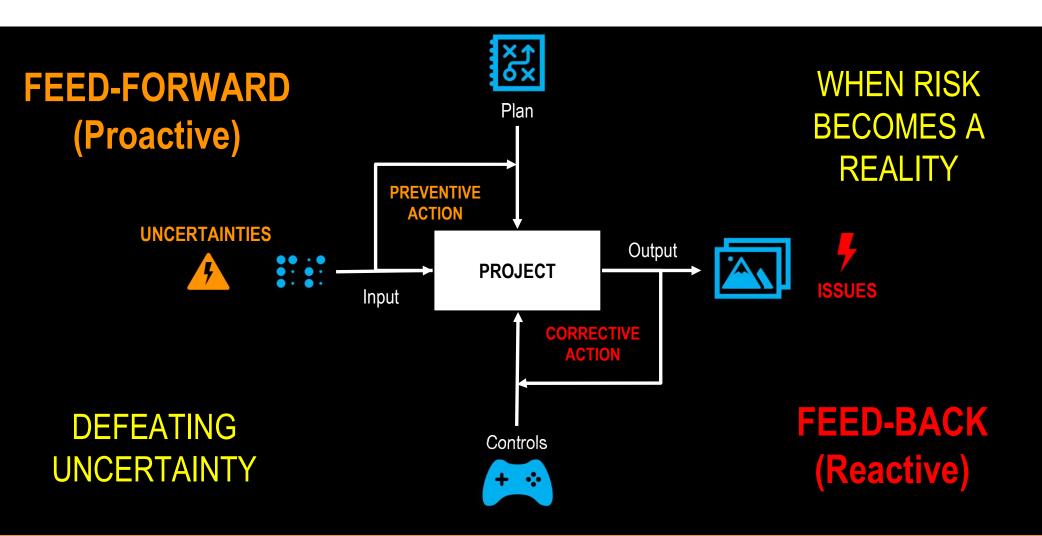
#### TWO MINDSETS



# **EFFECTIVE PROJECT MANAGEMENT IS A STRONG DEFENSE**

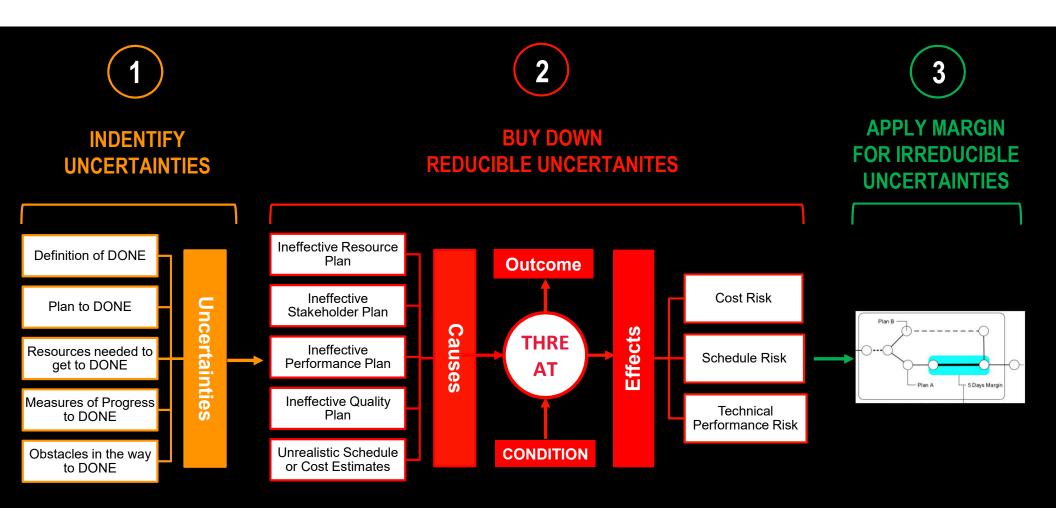


# **ISSUE MANAGEMENT IS THE LAST DEFENSE**



#### PREVENTION IS THE BEST DEFENSE





## STRATEGY TO DEFEAT THE DRAGON OF UNCERTAINTY



# Mission: Destroy the ring by throwing it into the fires of Mt. Doom

Happy Plan



- Leave the Shire
- Travel to Mt. Doom
- Throw ring into the fires of Mt. Doom
- Return to Shire







#### **DETERMINISTIC PROJECT PLAN**

**THREAT** 

RING DESTROYED





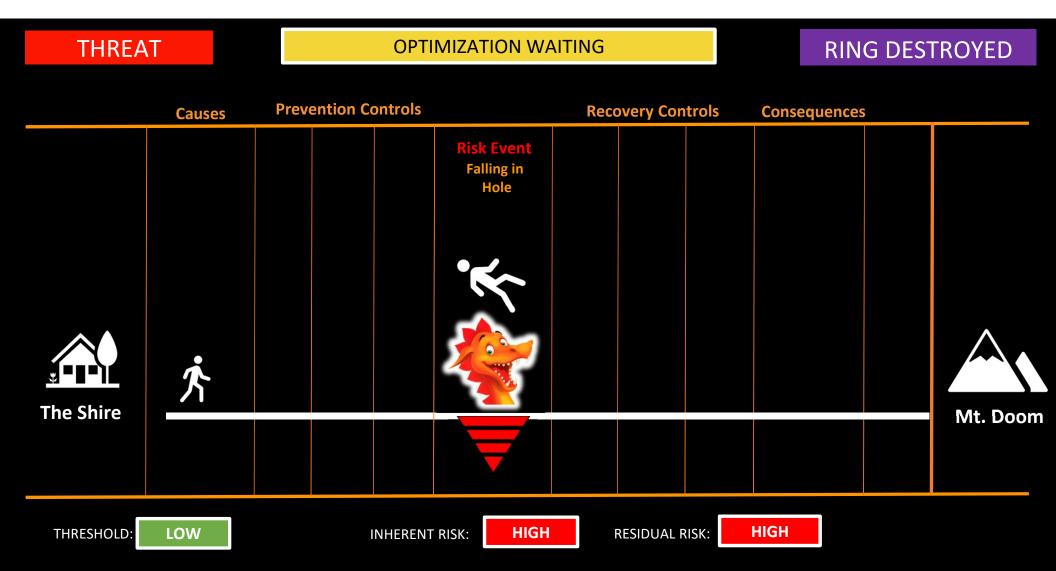


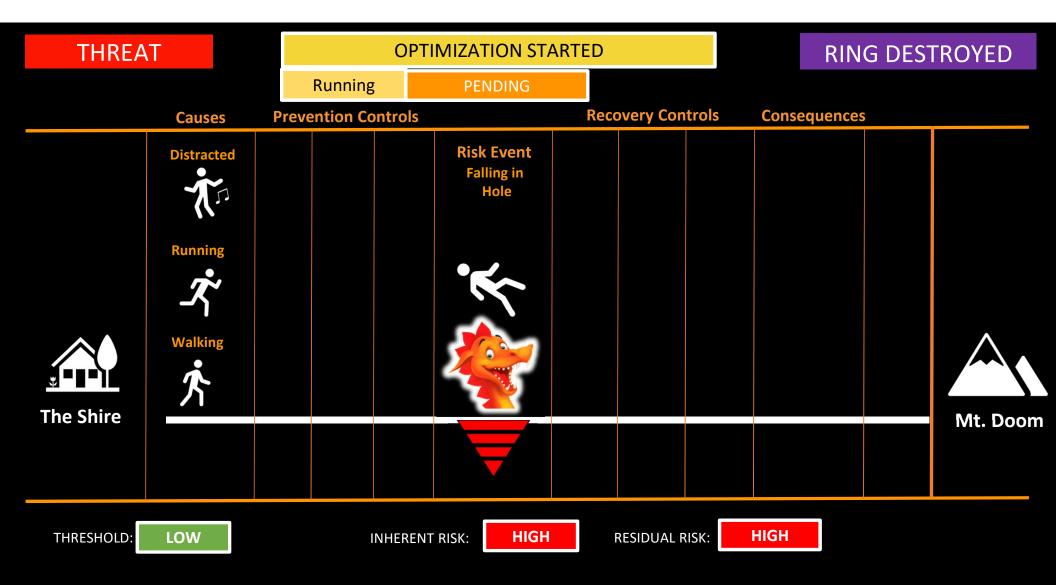


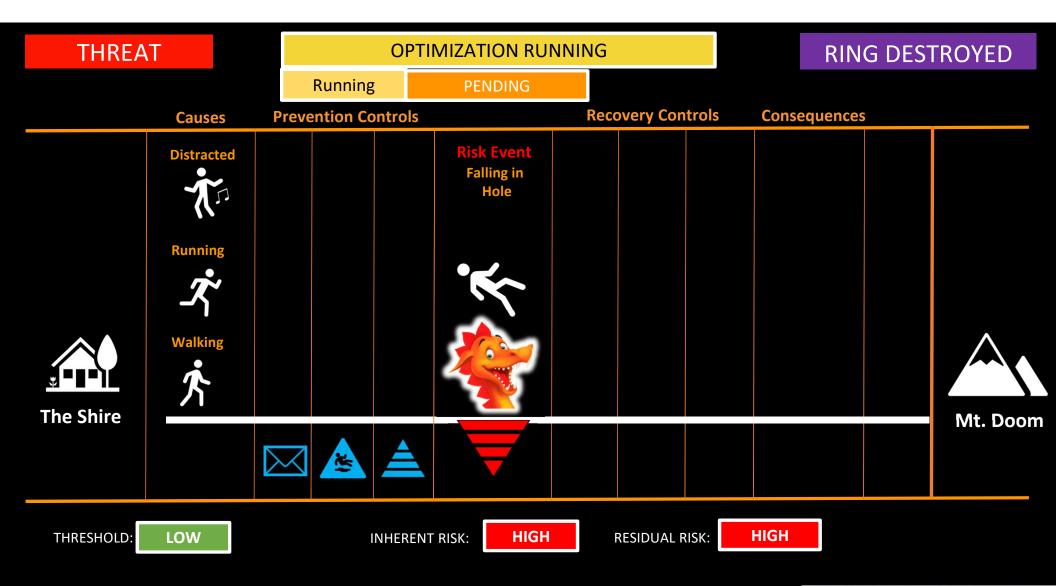
# IDENTIFY UNCERTAINTIES (CONDITIONS THAT THREATEN YOUR

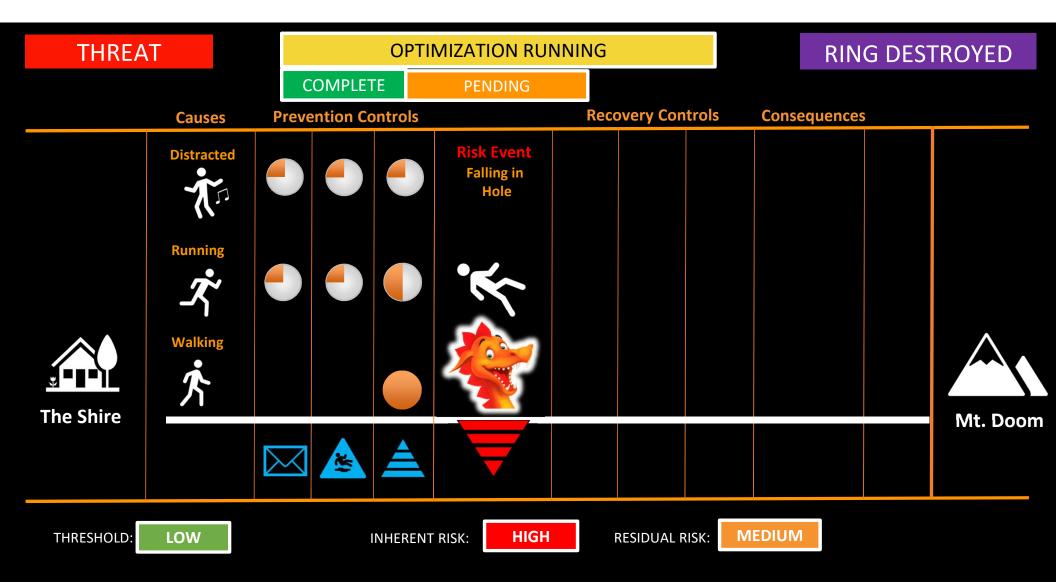
**MISSION** 

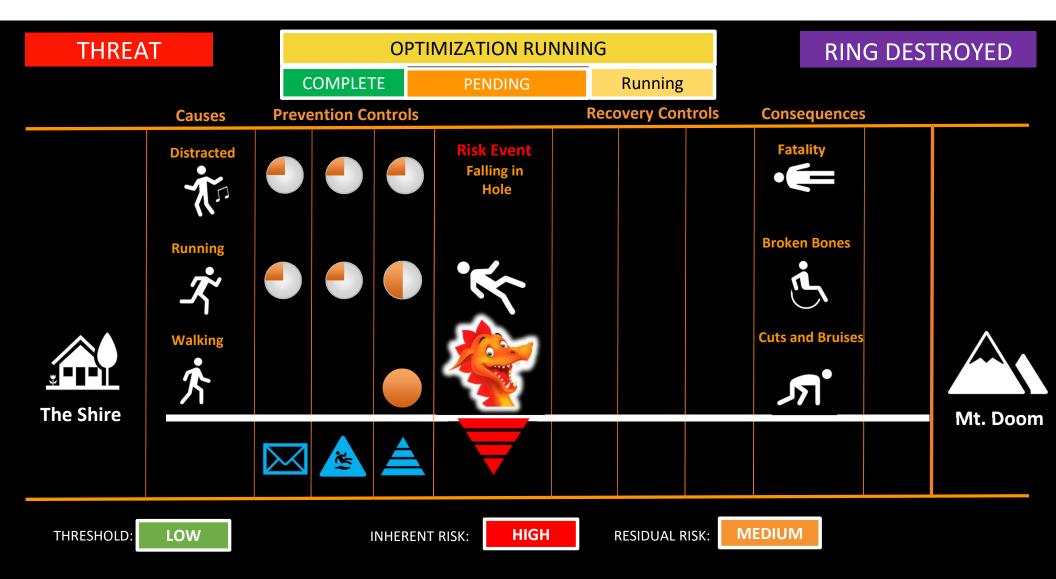


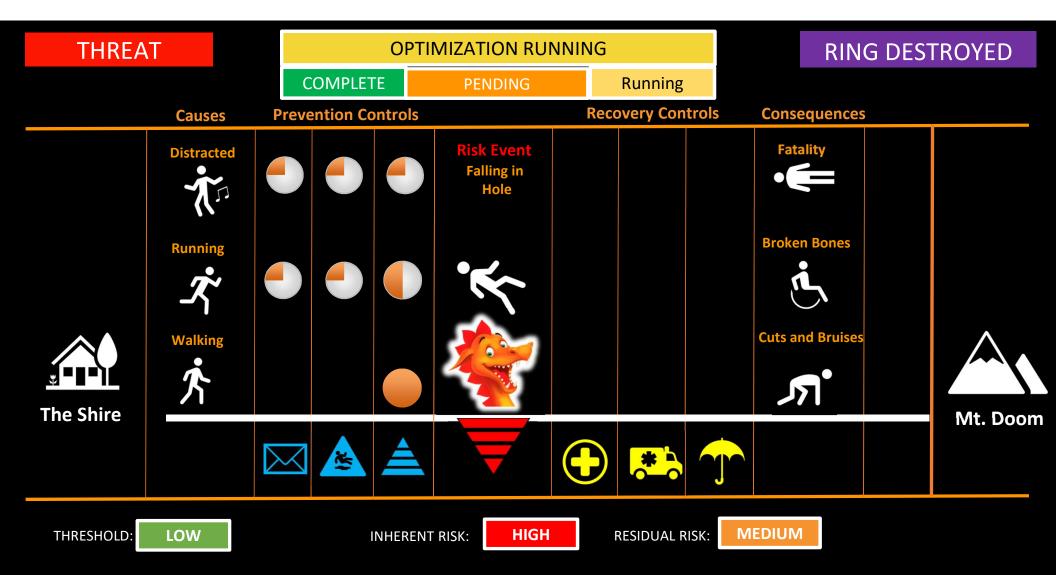


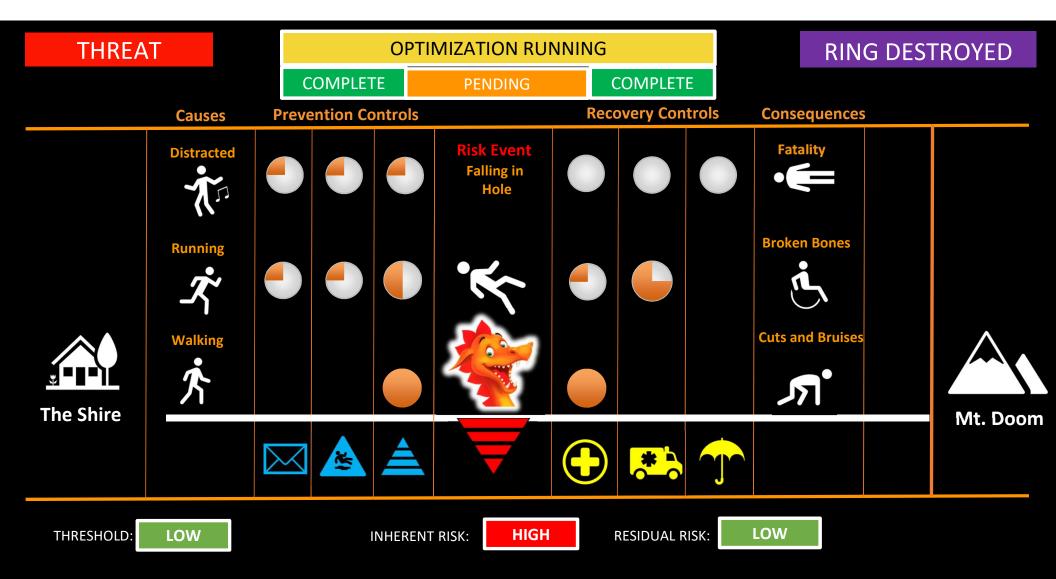


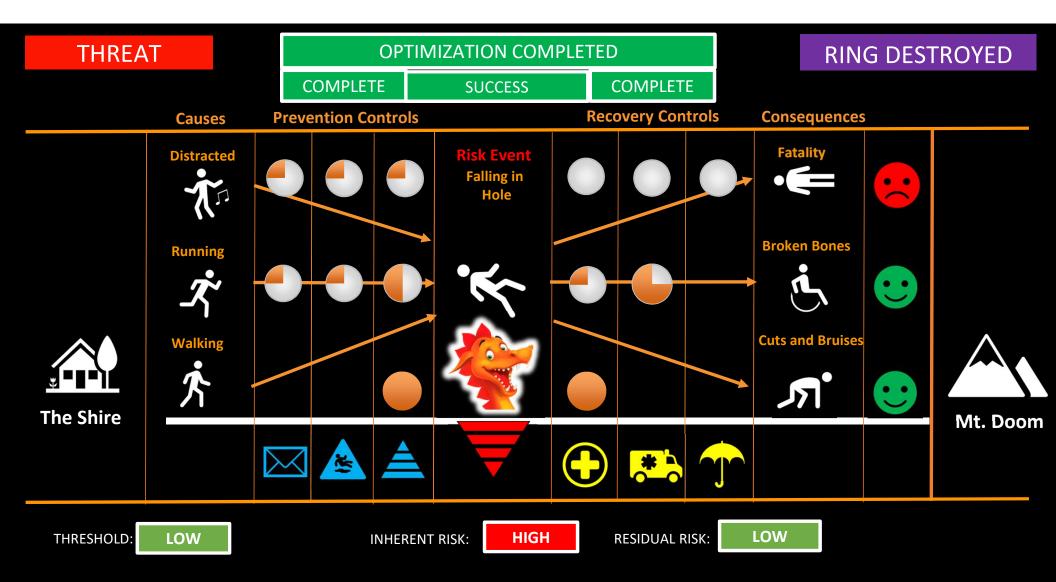










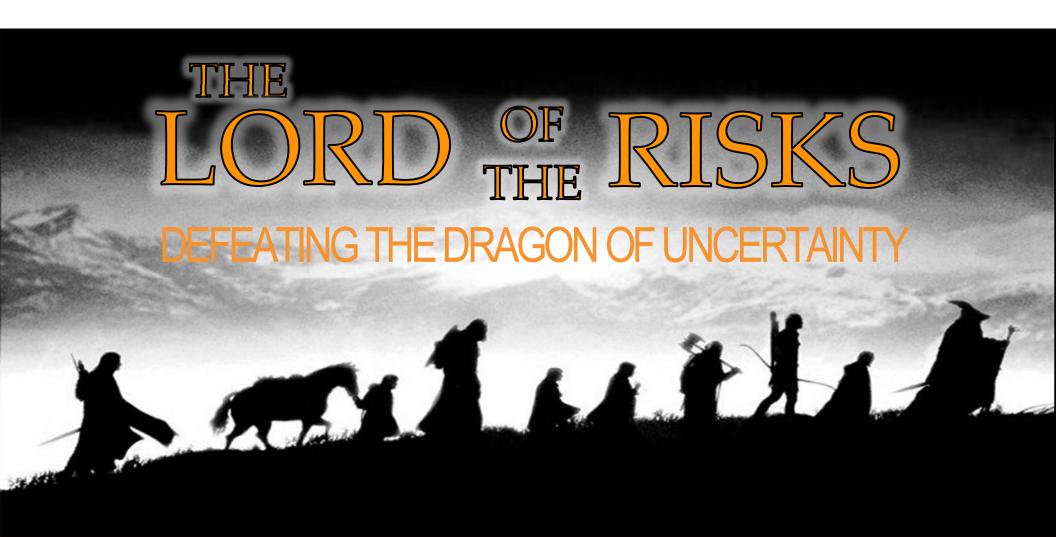


# Mission: Destroy the ring by throwing it into the fires of Mt. Doom

#	RISK OWNER	INHERENT Level of Risk	TREATED Level of RISK	QUALIFIED RISK	PREVENTION	RECOVERY
R1	John	LOW	LOW	As a result of walking on the path, falling in the hole may occur, leading to cuts and bruises	Pylon, sign, e-mail	First aid
R2	John	MEDIUM	LOW	As a result of walking on the path, falling in the hole may occur, leading to broken bones	Pylon, sign, e-mail	First aid, hospital
R3	Mary	HIGH	LOW	As a result of walking on the path, falling in the hole may occur, leading to a fatality	Pylon, sign, e-mail	None
R4	John	LOW	LOW	As a result of running on the path, falling in the hole may occur, leading to cuts and bruises	Pylon, sign, e-mail	First aid
R5	John	MEDIUM	LOW	As a result of running on the path, falling in the hole may occur, leading to broken bones	Pylon, sign, e-mail	First aid, hospital
RG	Mary	HIGH	HIGH	As a result of running on the path, falling in the hole may occur, leading to a fatality	Pylon, sign, e-mail	None
R7	John	LOW	LOW	As a result of distracted walking path, falling in the hole may occur, leading to cuts and bruise	Pylon, sign, e-mail	First aid
R8	John	MEDIUM	LOW	As a result of of distracted walking on the path, falling in the hole may occur, leading to broken bones	Pylon, sign, e-mail	First aid, hospital
R9	Mary	HIGH	HIGH	As a result of of distracted walking on the path, falling in the hole may occur, leading to a fatality	Pylon, sign, e-mail	None

#### PLAN TO STORM THE GATES OF MORDOR AND SUCCEED

PATIONAL CAPITAL PROJECT MANAGEMEN SYMPOSIUM



A STORY ABOUT A RING, FRIENDSHIP, AND AN UNCERTAIN MISSION





WE NEED TO CHANGE HOW WE HEAR, SEE, AND TALK ABOUT RISK





# THERE IS TOO MUCH AT RISK



