



Risk Management during King Arthur's time

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Agenda

- Background of Story
- Risk Management Planning
- Risk Identification
- Crawford Slip Technique
- Exercise: Use Crawford Slip Technique



Cast of Characters

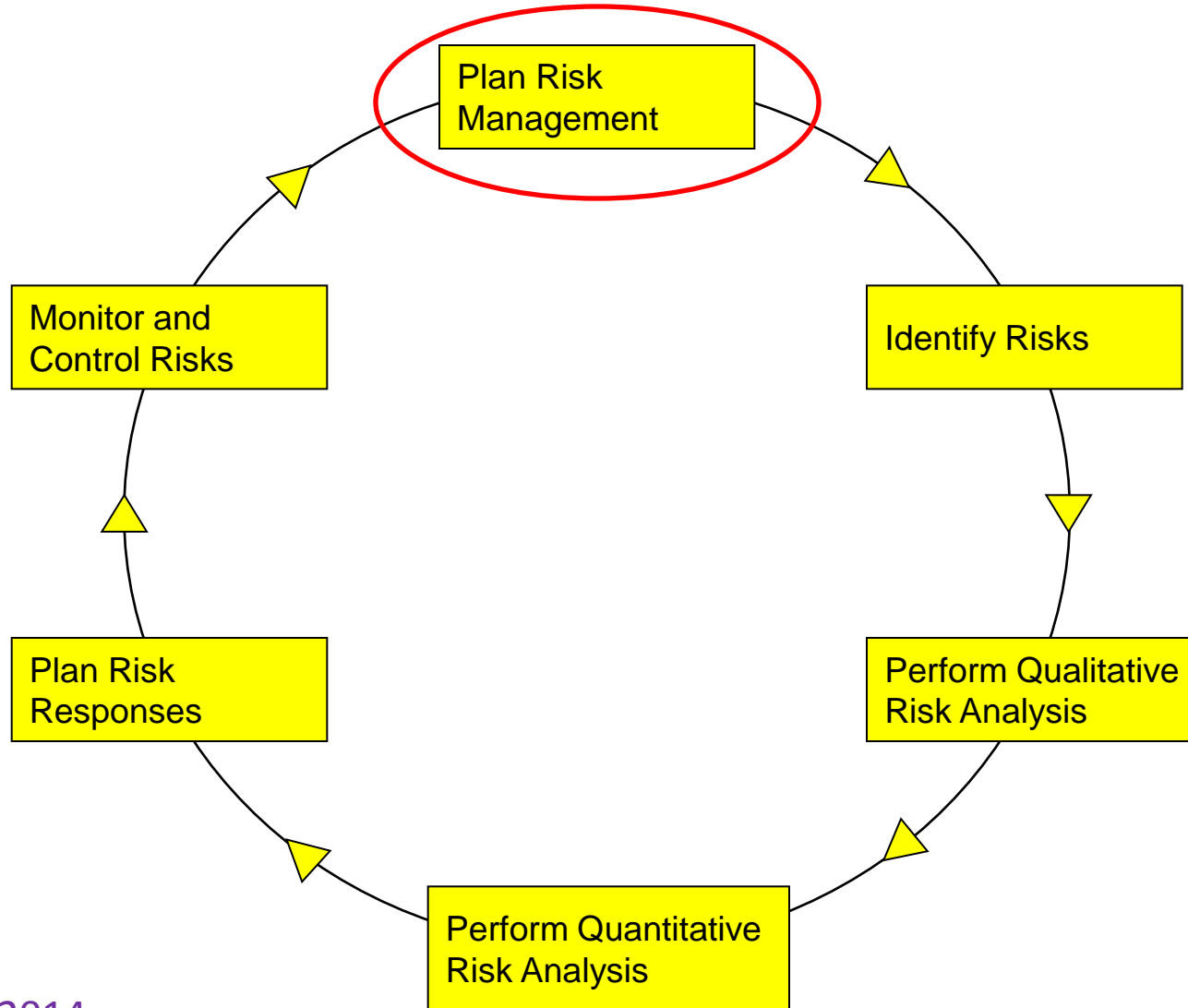
- *Gwilym – Project Manager*
- *Father Drew – Gwilym’s old parish priest*
- *Father Crawford – Abbott of Glastonbury*
- *Fred – Gwilym’s Foreman*
- *Bleddyn – Gwilym’s 14 year-old son*



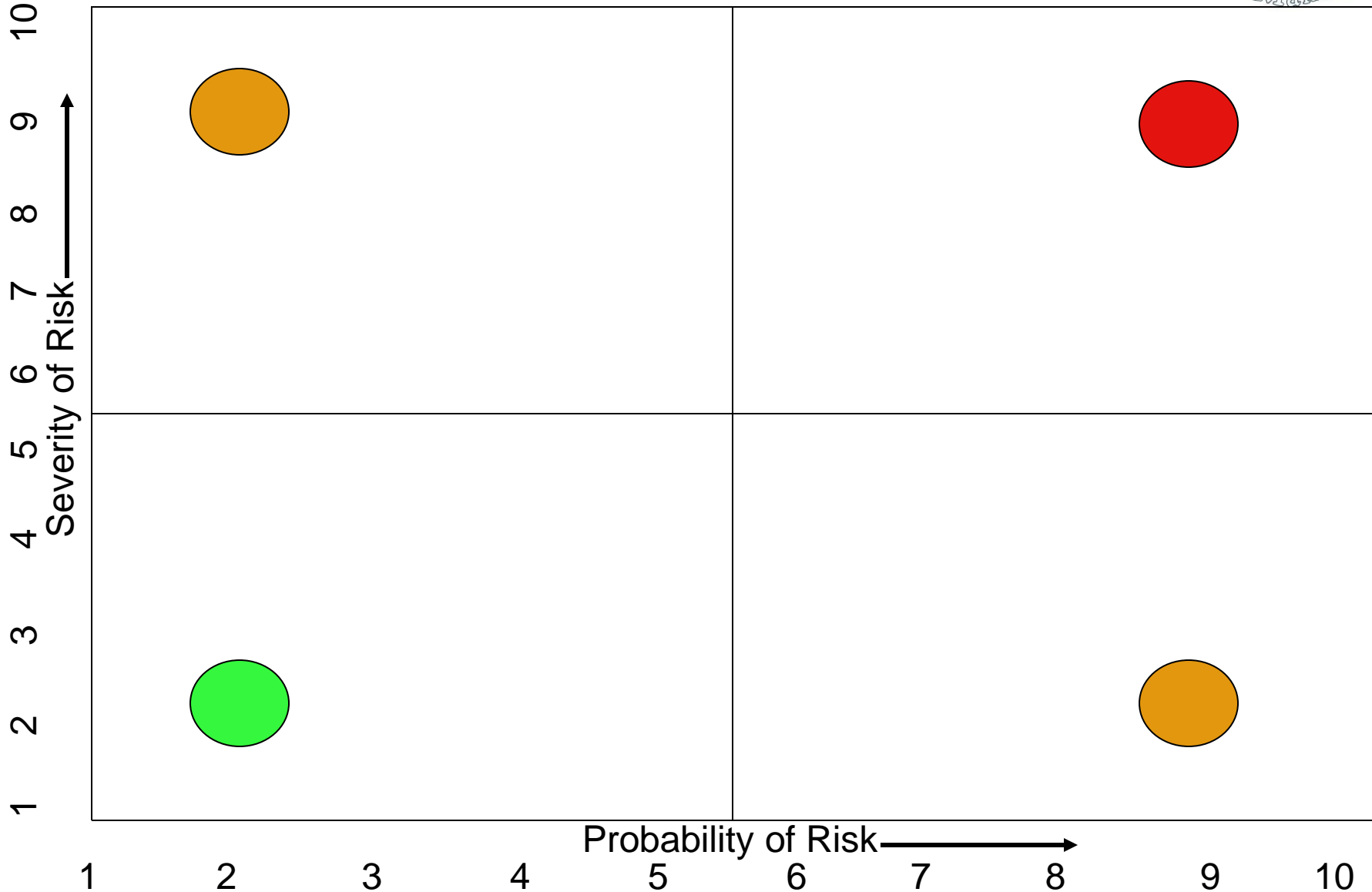
Project Background

- Dismantle old Abbey Steeple
- Build new steeple across road
- Place seventeen new marble statues
- Ensure new statues don't wear down
- Plan for risks

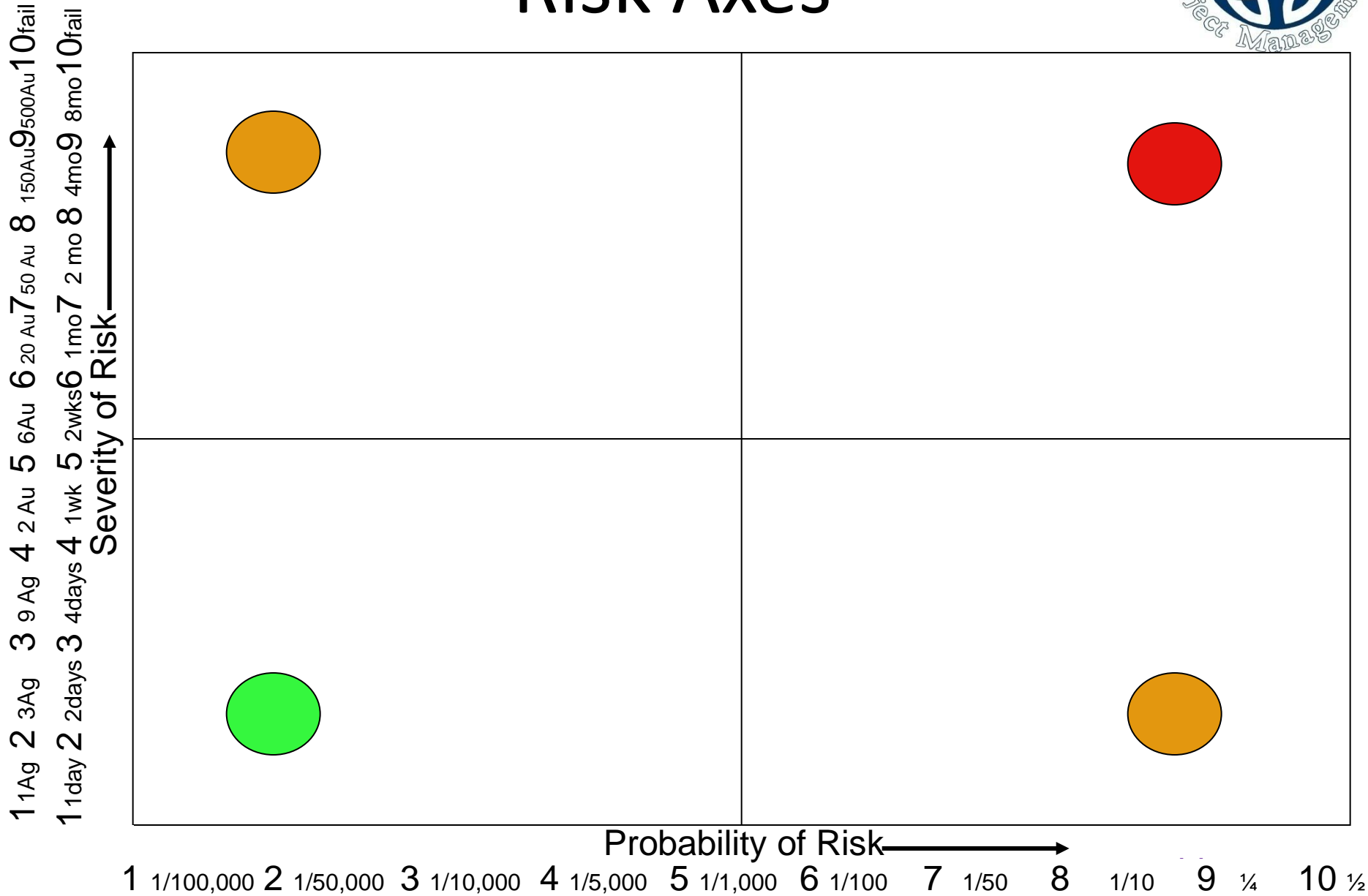
Risk Management Cycle



Risk Axes



Risk Axes



Scales

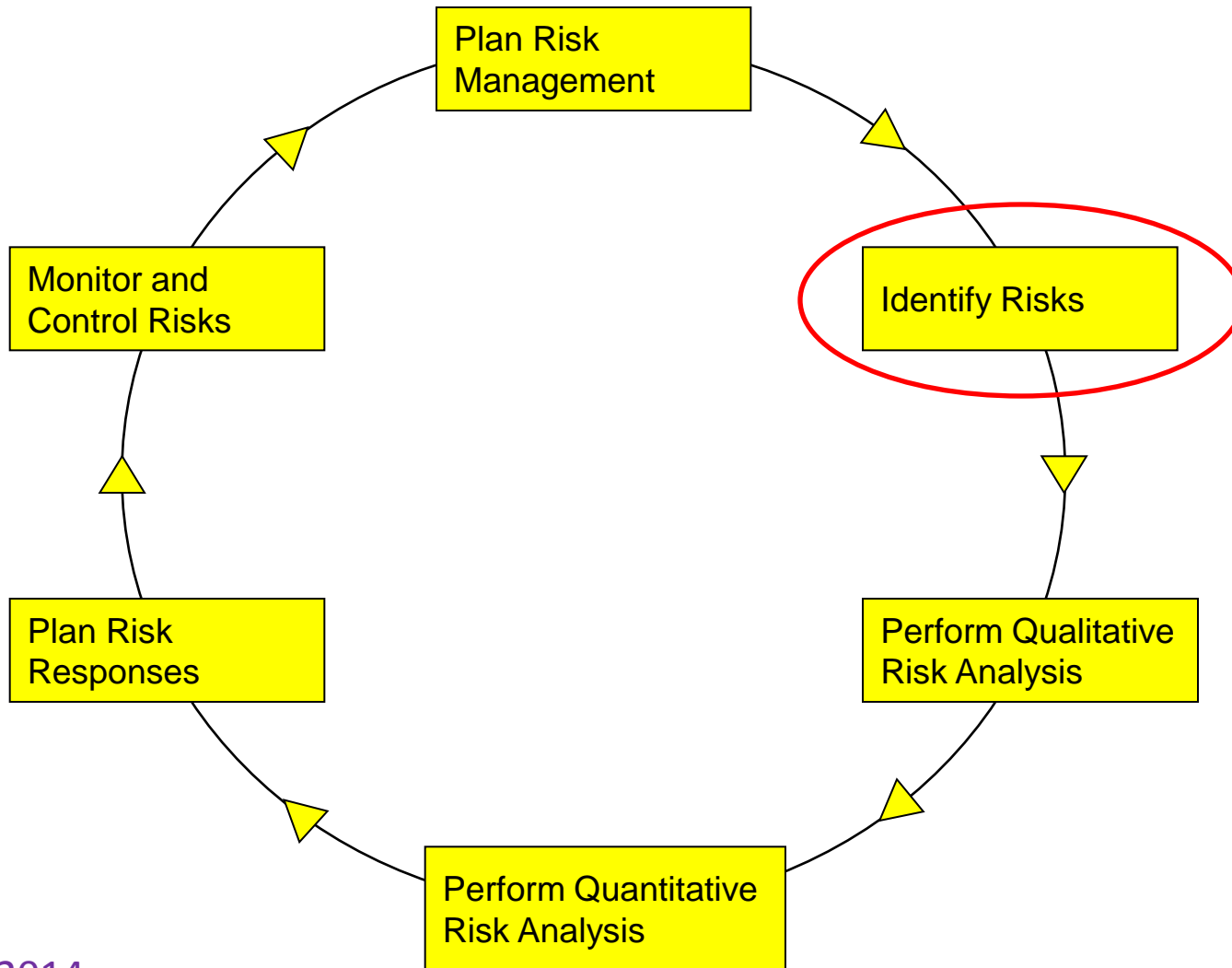
Risk Number	Probability	Severity (Time)	Severity (Money)
1	1/100,000	One day	1 Silver
2	1/50,000	Two days	3 Silver
3	1/10,000	Four days	9 Silver
4	1/5,000	One Week	2 Gold
5	1/1,000	Two Weeks	6 Gold
6	1/100	One Month	20 Gold
7	1/50	Two Months	50 Gold
8	1/10	Four Months	150 Gold
9	1/4	Eight Months	500 Gold
10	1/2	Project Fails	Project Fails



Risk Qualification

Risk Description	Probability	Severity	Total Risk
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

Risk Management Cycle





Monk's Prayer Time

- *Midnight = Matins*
- *3 AM = Lauds*
- *6 AM = Prime*
- *9 AM = Terce*
- *Noon = Sext*
- *3 PM = None*
- *6 PM = Vespers*
- *9 PM = Compline*



Formula for Writing Risks

Option 1:

If **X** occurs during the project, then **Y** is the impact (on CSP), and **Z** is the result. (Impact on the project or business).

If the cause of the statue wear is not eliminated, they will wear down again, resulting in project failure

Option 2:

If **X** happens, then the impact is **Y** (describe the impact).

If it rains for more than two weeks straight, the project will be delayed day for day for any additional rain.

Non-examples:

Earthquake
Fire



Risk Identification Workshop

- Using the Crawford Slip technique, Identify 10 risks for your current project
- Take a pad of Post-its and a pen
- When Bruce asks you his question, write one risk associated with your project
- Wait for the next question
- Repeat



Crawford Slip Technique

1. Write down one risk associated with your project
2. Write down one risk associated with your project
3. Write down one risk associated with your project
4. Write down one risk associated with your project
5. Write down one risk associated with your project



Crawford Slip Technique

6. Write down one risk associated with your project
7. Write down one risk associated with your project
8. Write down one risk associated with your project
9. Write down one risk associated with your project
10. Write down one risk associated with your project



Agenda

- Background
- Continuation of Story
- Risk Qualification
- Exercise: Qualify 2 – 3 Risks
- Risk Response Planning
- Exercise: Plan Responses for 2 – 3 Risks
- Root Cause Analysis



Cast of Characters

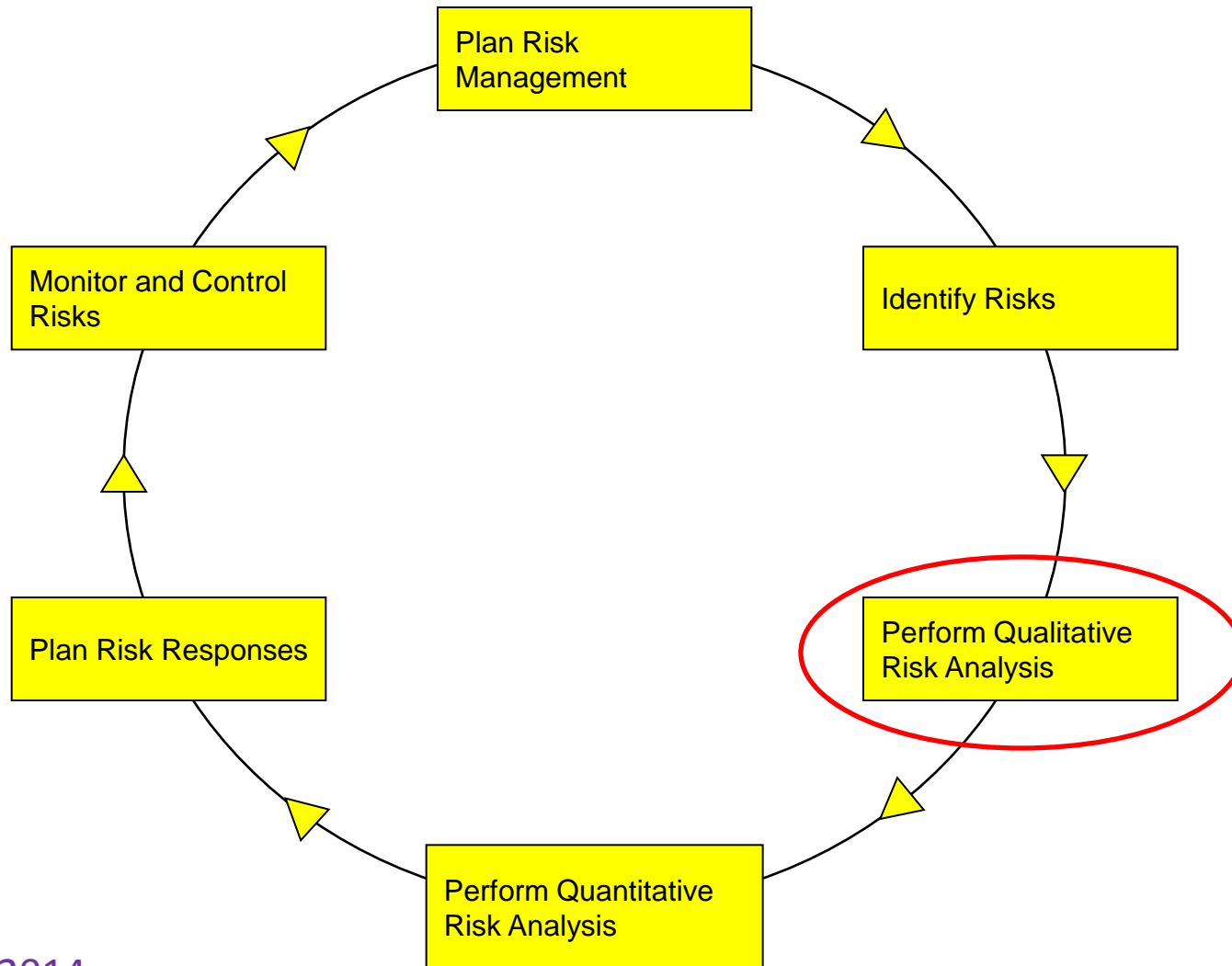
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- *Bleddyn – Gwilym’s 14 year-old son*
- *Madoc, Llawen, Jac – Gwilym’s younger sons*



Monk's Prayer Time

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Risk Management Cycle



Scales

Risk Number	Probability	Severity (Time)	Severity (Money)
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Risk Qualification

Risk Description	Probability	Impact	Total Risk	Response/Action
1. If it rains for more than two weeks straight, the project will be delayed day for day for any additional rain.	10	5	50	
2. Any heavy rain that falls during the digging and building of the foundation will delay that task and cause rework of digging done to date.	8	4	32	
3. If the cause of the statue wear is not eliminated, they will wear down again, causing project failure	10	10	100	



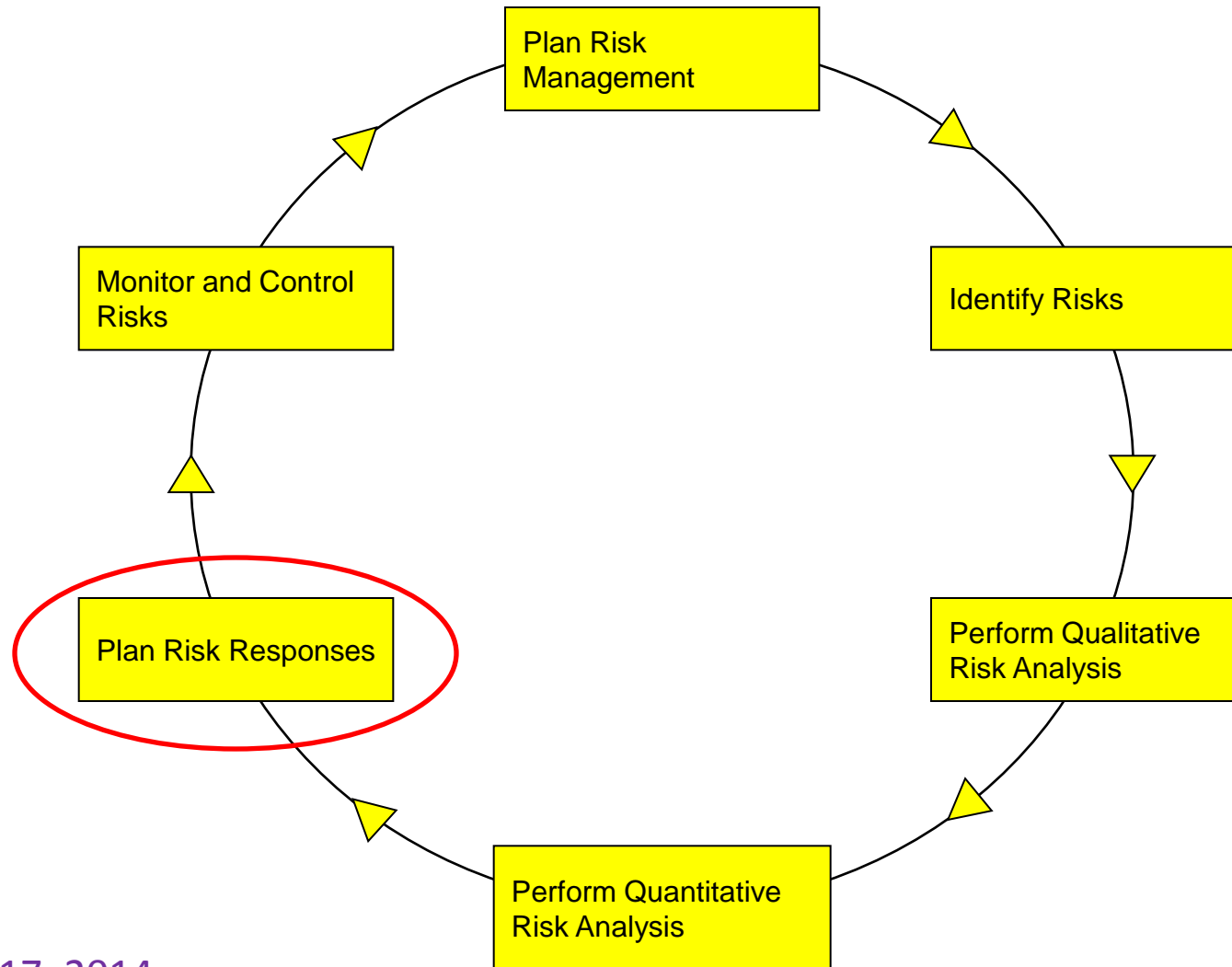
Risk Qualification Workshop

- Partner up with the person next to you
- Qualify 2 – 3 risks for your current project
- Use the table on the next slide
- Identify probability and severity of each risk (1-10 or high, moderate, low)
- Multiply both numbers together for total risk (1-100 or lo-lo, lo-med, med – hi, hi-hi, etc.)
- Don't fill out the last column, yet
 - 10 minute exercise

Risk Qualification

Risk Description	Probability	Severity	Total Risk	Response/Action
1.				
2.				
3.				

Risk Management Cycle





Plan Risk Responses

- Avoidance

 - Eliminate the risk (Reduce scope)

- Mitigation

 - Reduce probability and/or impact of the risk

- Transference

 - Transfer risk to 3rd party

- Acceptance

 - “Should we have a contingency plan?”

Risk Qualification

Risk Description	Probability	Impact	Total Risk	Response/Action
1. If the cause of the statue wear is not eliminated, they will wear down again, resulting in project failure	10	10	100	Mitigate. Find root cause and eliminate it.
2. Doorways giving access to the walls from halfway up will weaken structure, causing it to possibly collapse in the future.	9	10	90	Avoid. Don't add these doors. Only allow access from the outside or top
3. If wood used for the tower supports is green, it will shrink over time and the tower will become unstable.	9	10	90	Transfer. Buy seasoned wood from professionals on the outside.



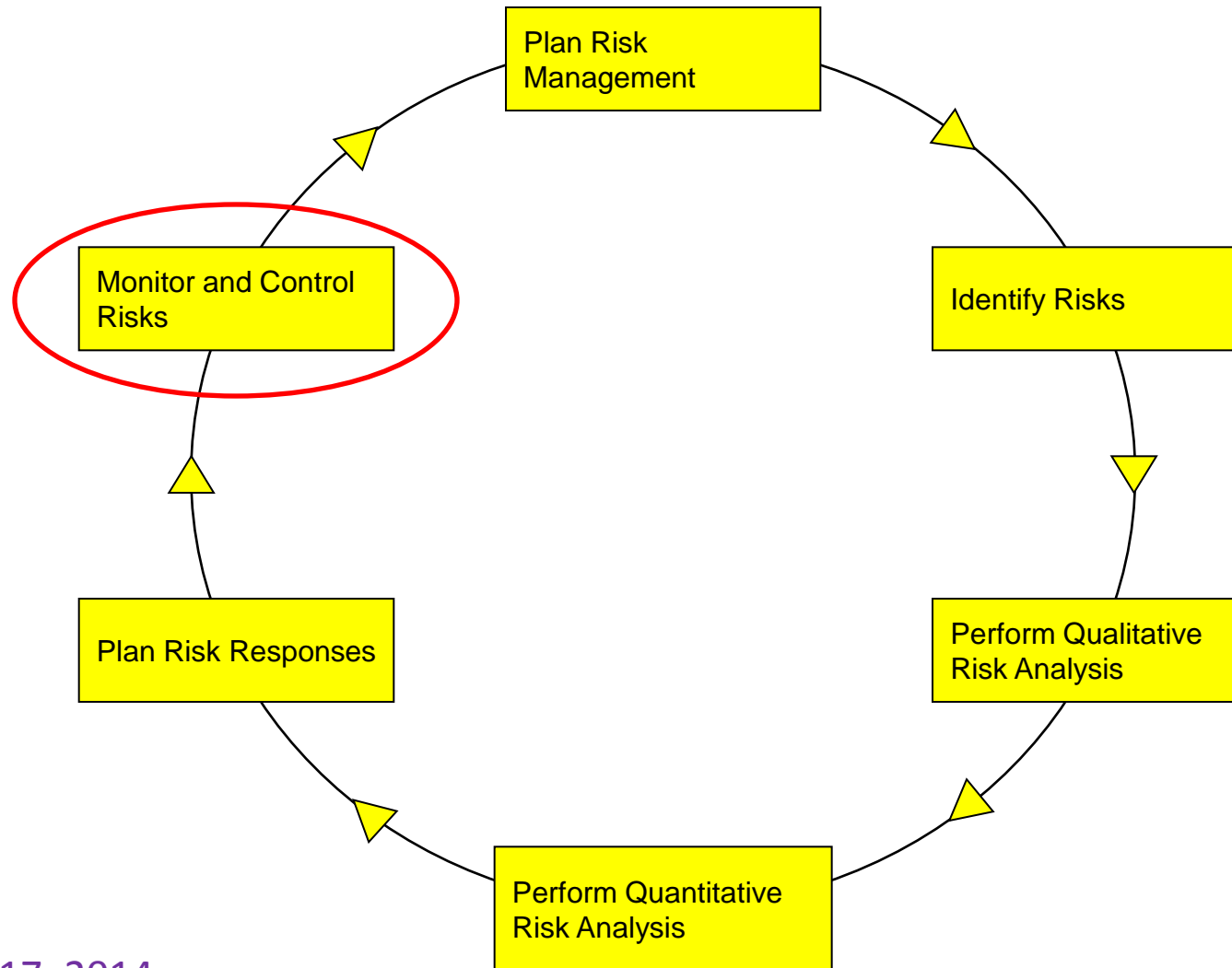
Risk Response Workshop

- Partner up again
- Determine Risk Responses for your current project
- Use the table you filled out previously
- Discuss and select the appropriate risk response for each (avoidance, transference, mitigation, acceptance)
- Describe the action that you decide to take
 - 10 minute exercise

Risk Response Planning

Risk Description	Probability	Severity	Total Risk	Response/Action
1.				
2.				
3.				

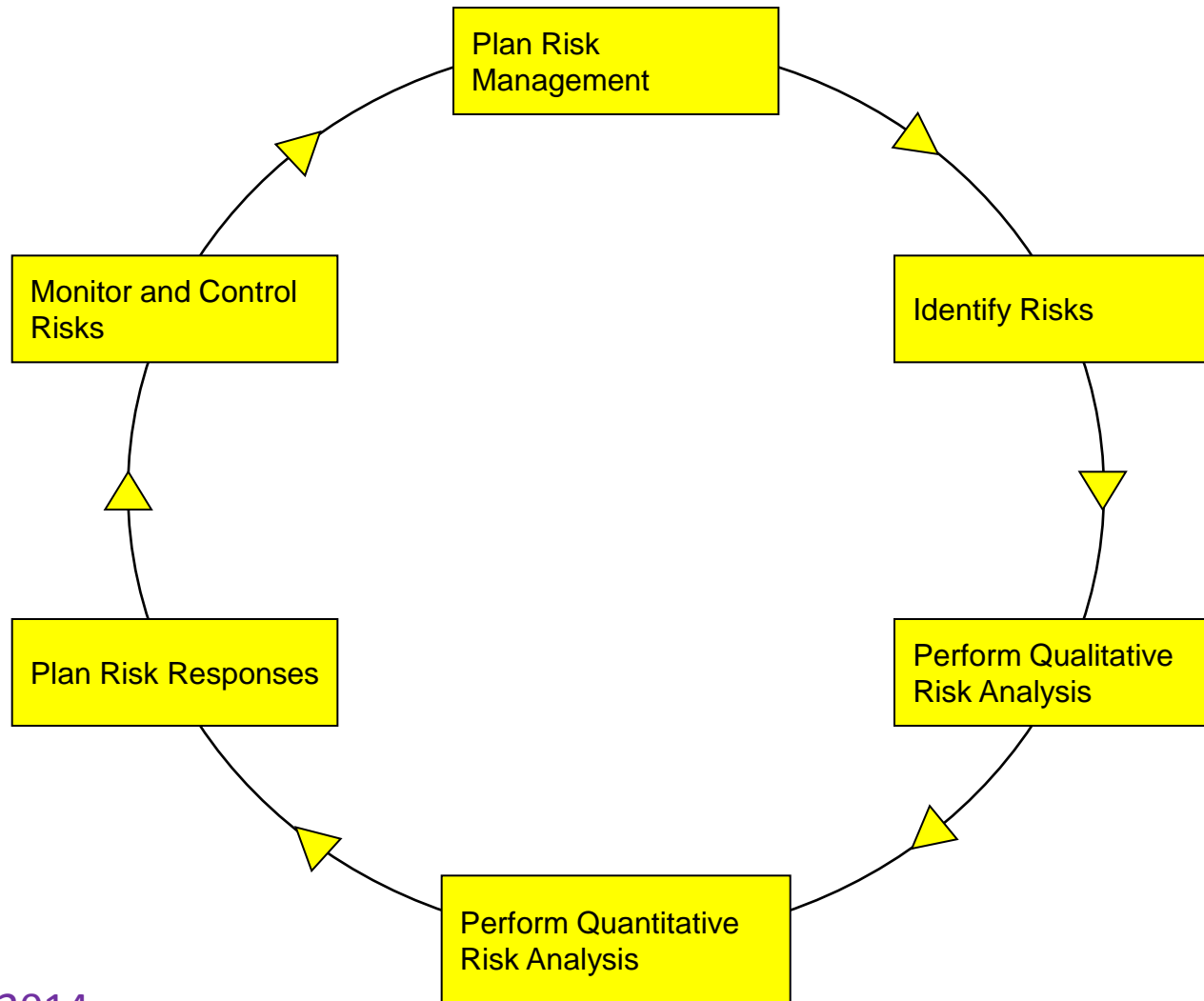
Risk Management Cycle



Root Cause Analysis

- Statues are worn down – Why?
- They are being scrubbed weekly – Why?
- They are covered in bird poop – Why?
- Birds come here to eat insects – Why?
- Insects are attracted to dusk light – Why?
- Candles are lit to attract pilgrims – Why?

Risk Management Cycle





Questions?

Link up with Bruce Fieggen

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