



# Risk Management

Seminar – June 2017

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# Defining Risk

- Risk reflects the chance that the actual event may be different than the planned / expected event.
- The effect of an uncertainty that could have a negative impact on achieving the business objectives.
- Upside risk – the uncertainty of the possibility of making gains (potential opportunities)
- Downside risk - the probability that losses or negative outcomes will occur (mitigate negative outcomes)

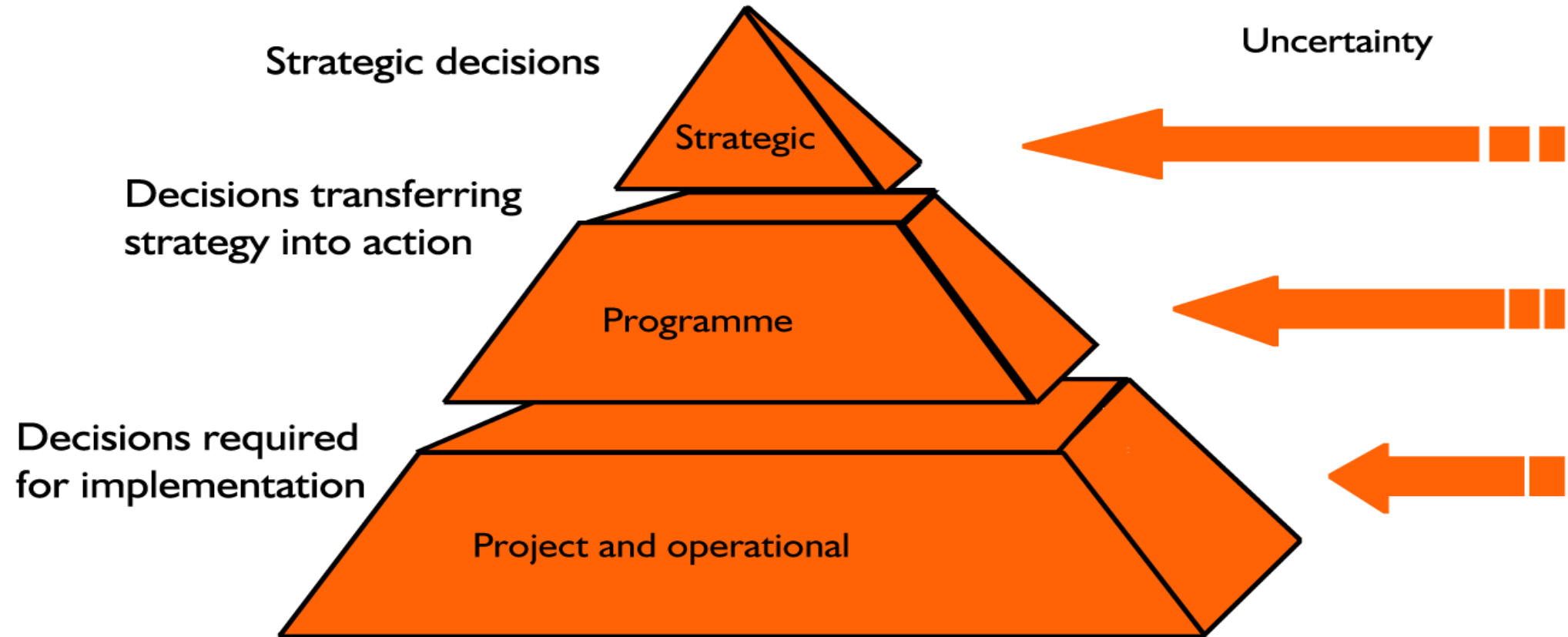


# Brain Teaser #1

**Discuss whether the following represents a risk to the organisation:**

- 1. The organisation budgeted an annual amount of R 3.7 million for salaries and wages. The actual expenses incurred amounted to R 4 million.**
- 2. The organisation budgeted and amount of R 26 million for revenue. The accounting recorded reflected an annual revenue of R 31,2 million.**
- 3. The business owner is prepared to take any income generating opportunity irrespective of the potential losses.**
- 4. The business organisation strategic objectives is to maximise profit.**

# Hierarchy of Risk

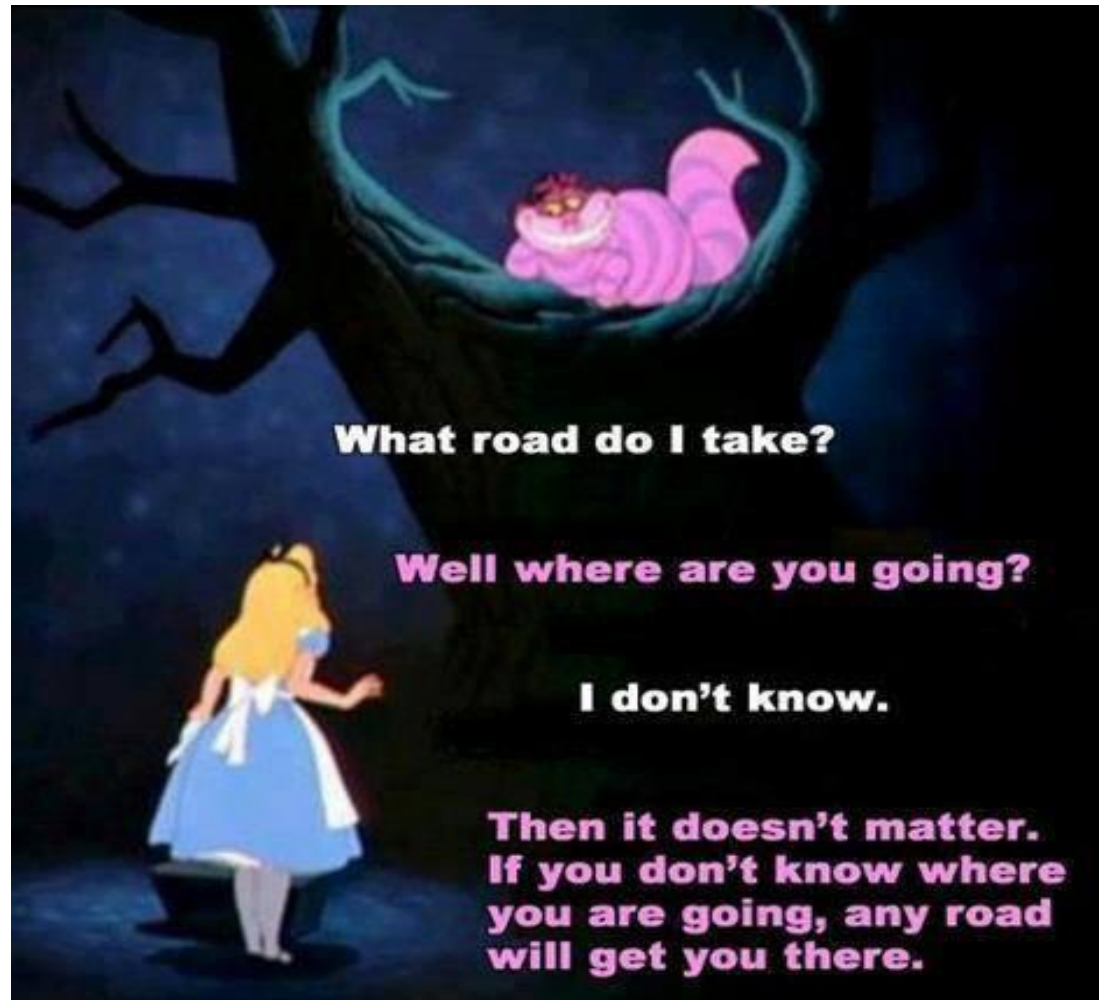


# Brain Teaser #2

**Discuss whether the following statements are True / False:**

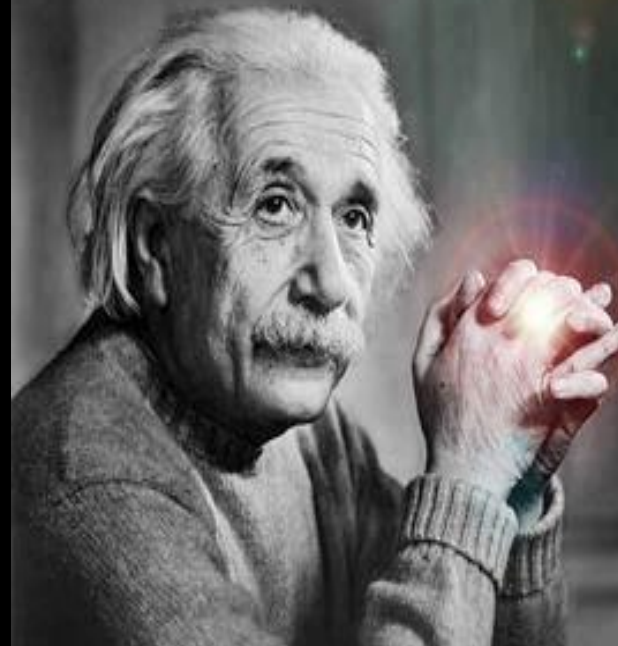
- 1. An organisation with no strategic objective or goal seldom encounters risk in its business activities.**
- 2. An organisation with a clearly defined strategic objective is more likely to manage potential risk.**
- 3. The potential for risk occurring at operational level is often attributed that managers do not take accountability.**

# Understanding Risk



If you can't explain it **simply**, you  
don't understand it well enough.

– Albert Einstein



# Brain Teaser #3

**Discuss whether the potential risks and/or challenges encountered in:**

- 1. An accounting practice**
- 2. An organisation conducting business locally and internationally**

# Types of Risks

## **Business/Operational Risk:**

- **Strategy risk**
- **Product risk**
- **Operating risk**

## **Financial Risk:**

- **Cash flow risk**
- **Credit risk**
- **Liquidity risk**
- **Interest rate risk**
- **Currency risk**

## **Environmental Risk:**

- **Political risk**
- **Economical risk**
- **Social risk**
- **Technological risk**

## **Reputational Risk:**

# Enterprise Risk

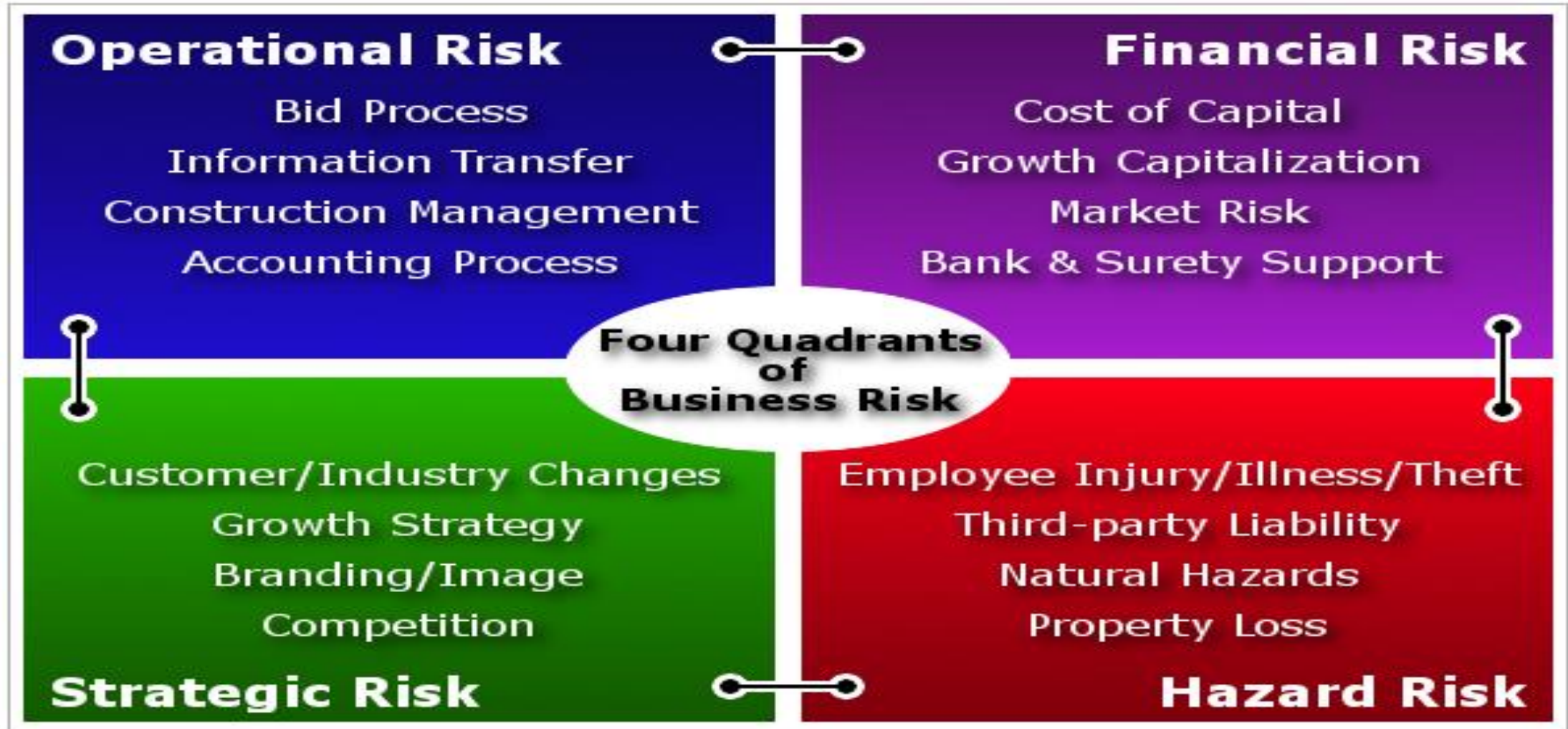


# Types of Business Risks

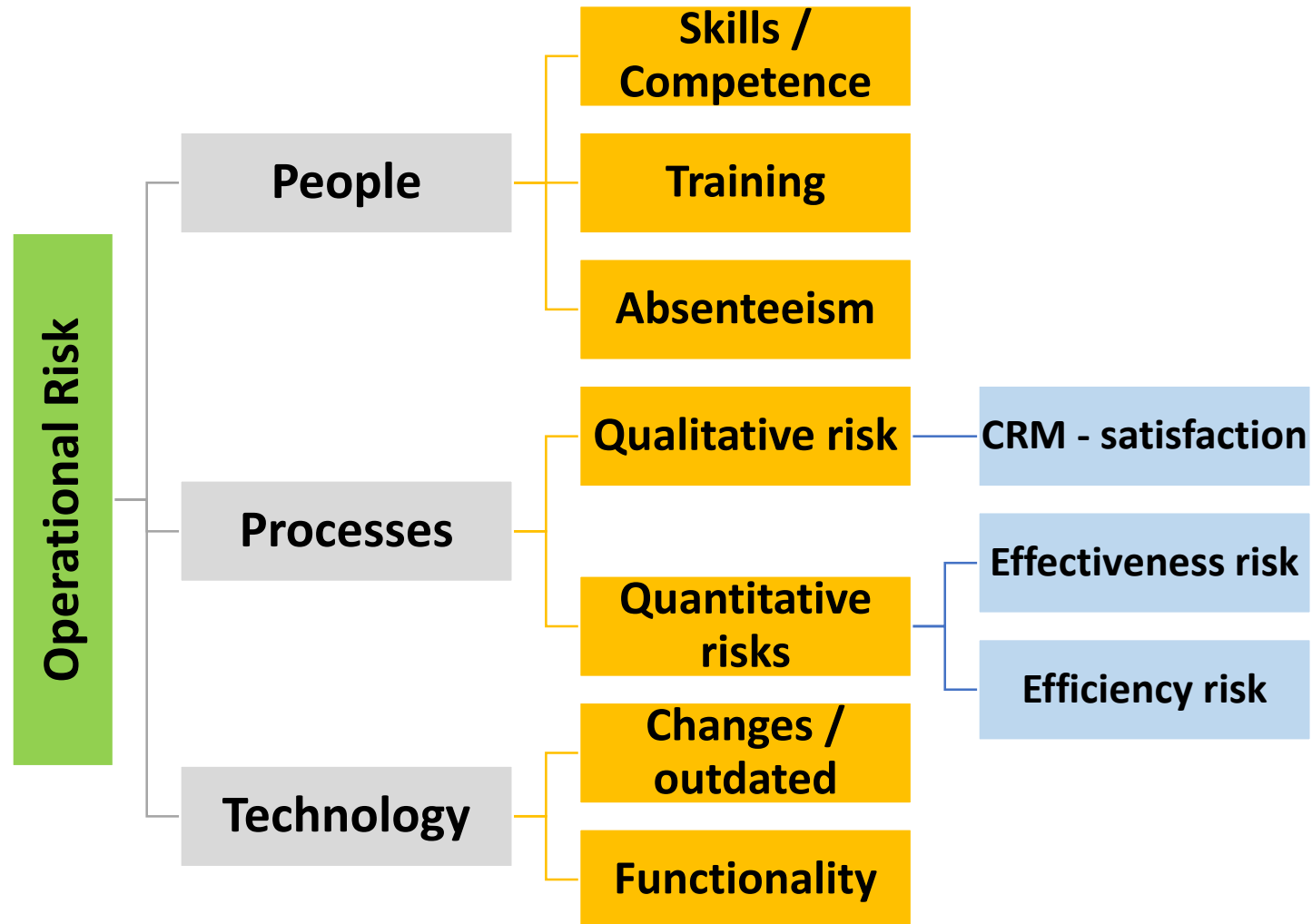
Figure 2 Risks to business



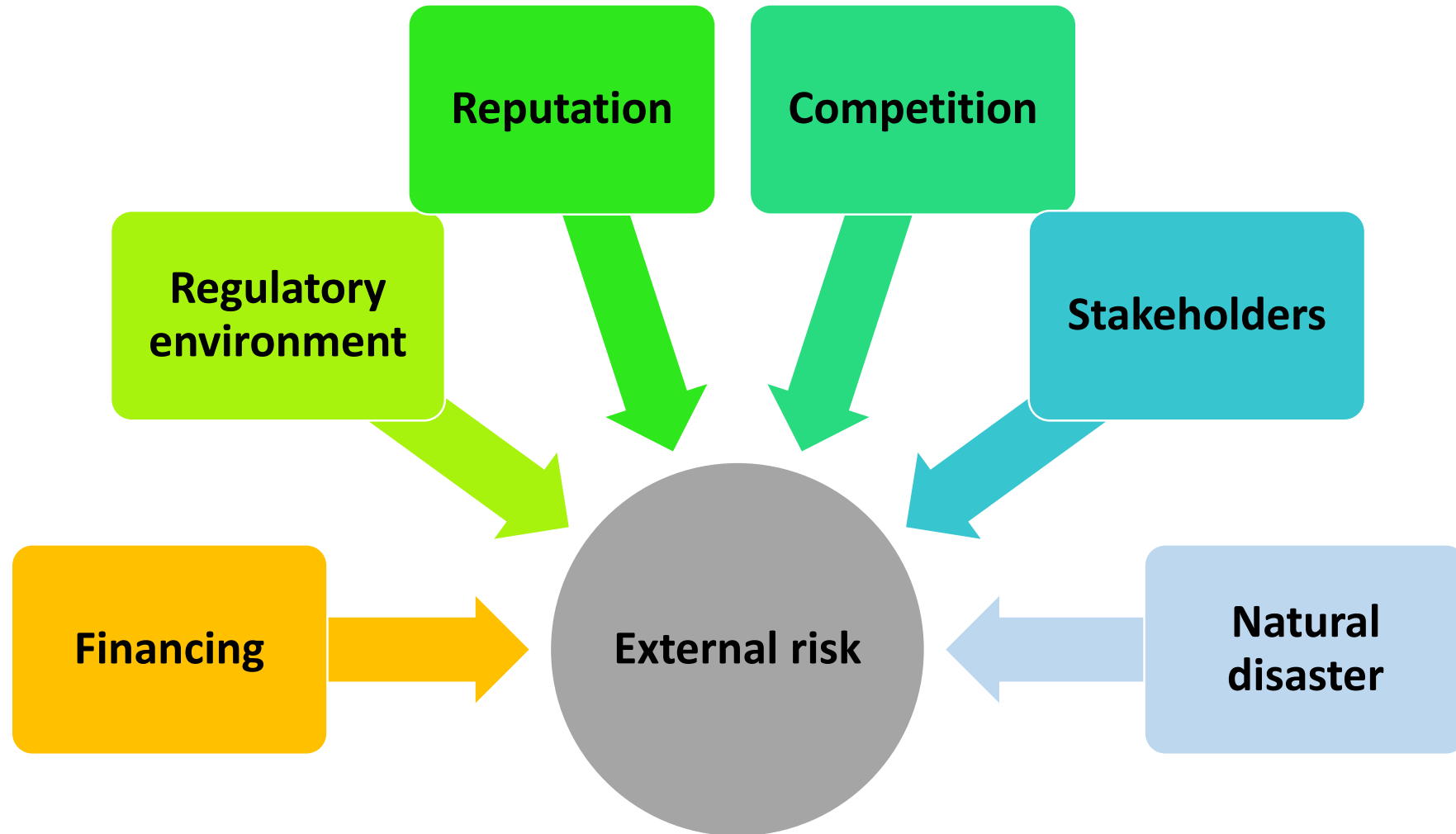
# Business Risks



# Internal Operational Risks

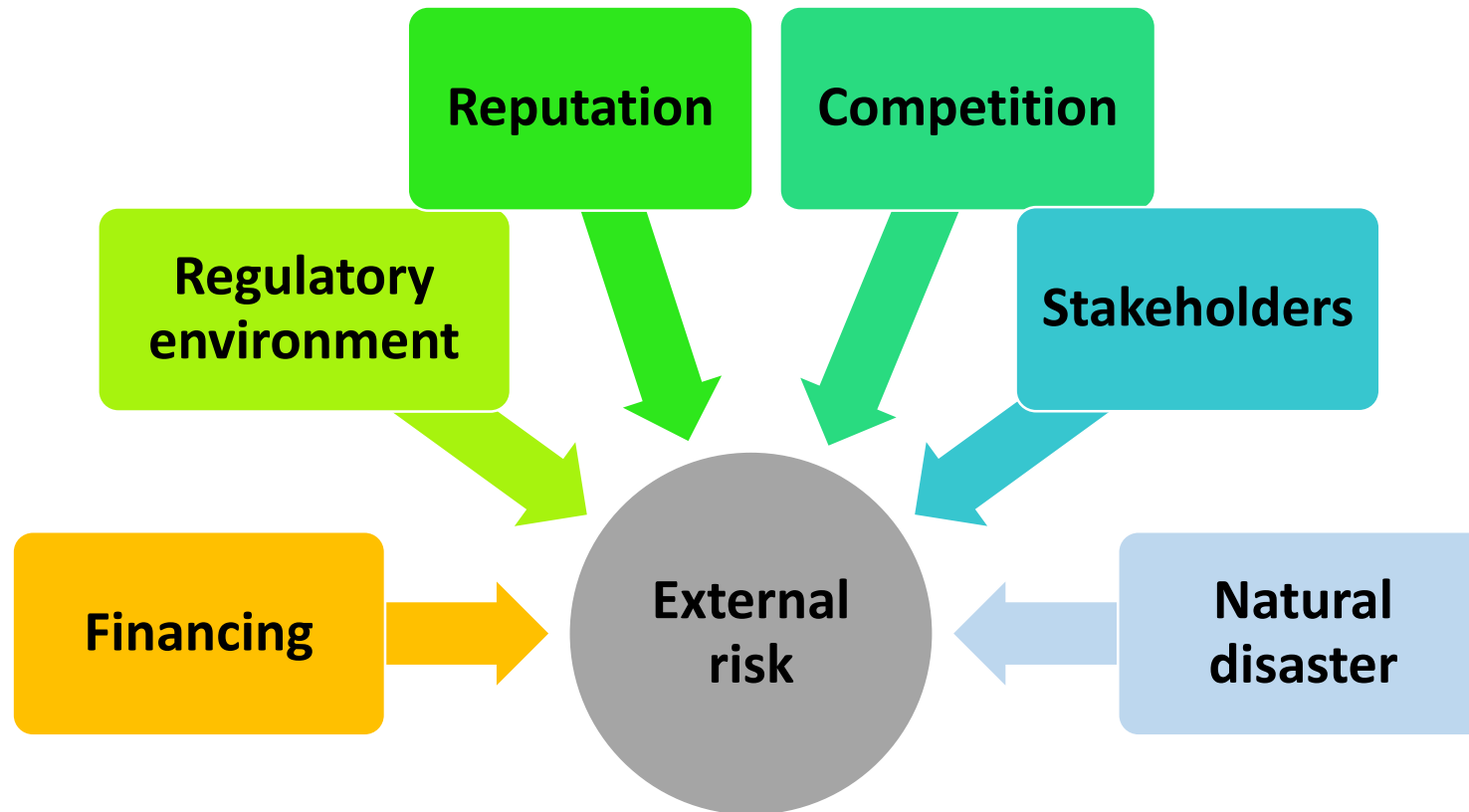


# External Risks



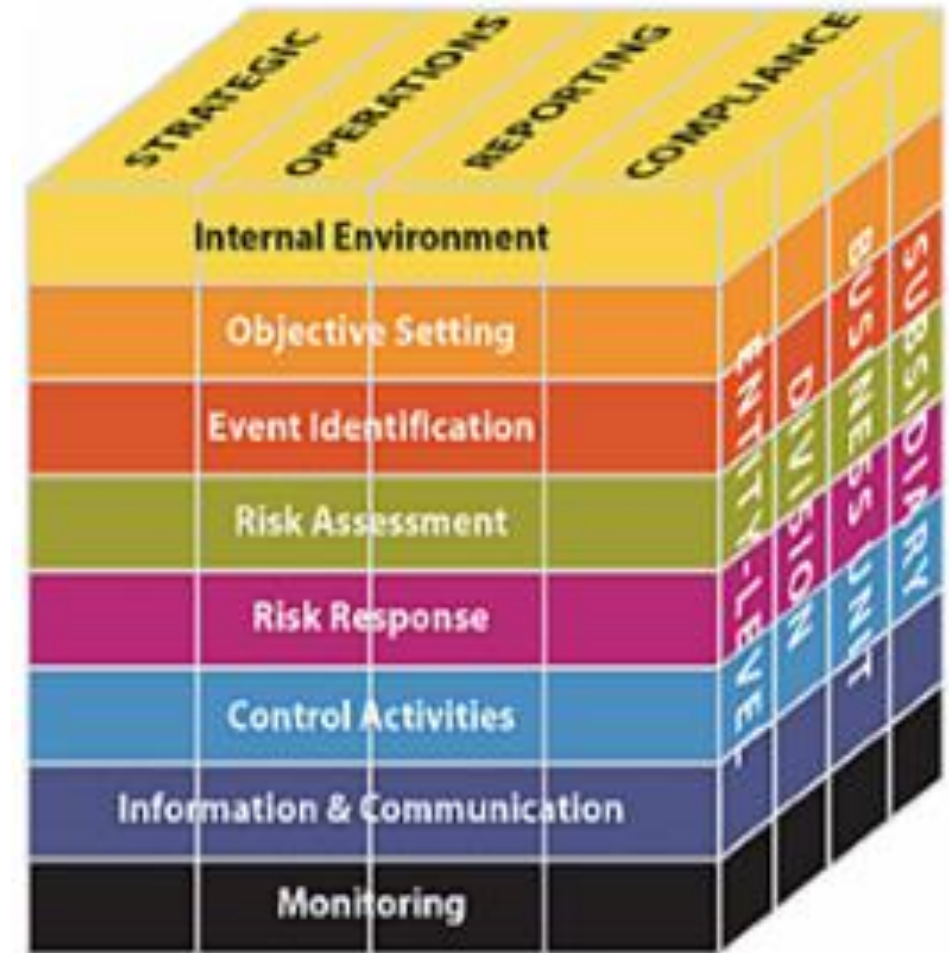
# Brain Teaser #4

Discuss and rate (scale of 1 – 10) the external risks encountered by the Professional Accountant:

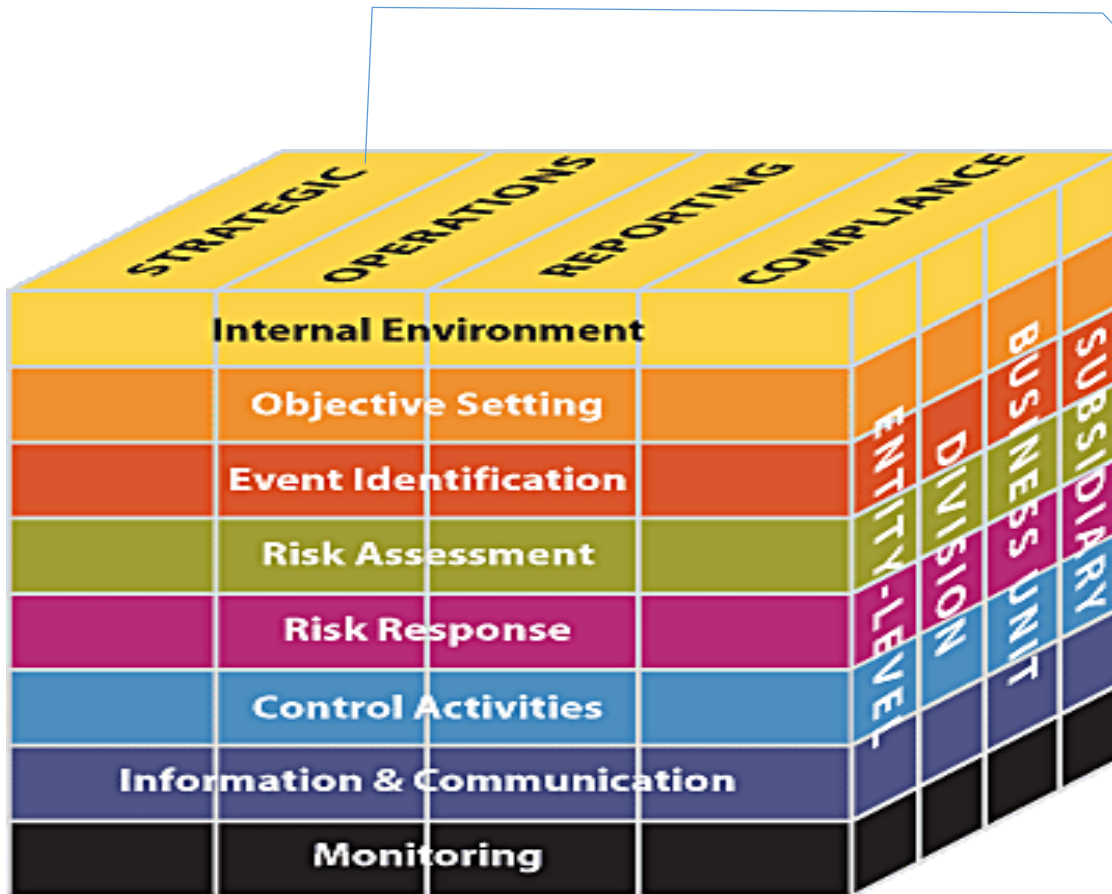


# Risk Management

- Risk management refers to the process designed to reduce or eliminate the risk of certain kinds of events happening or having an impact on the business - process for identifying, assessing and prioritizing risks.
- Enterprise Risk Management is defined as “a process, effected by an entity’s board of directors, management and other personnel, applied in strategy-setting and across the enterprise, designed to identify potential events that may affect the entity, and manage risk to be within its risk appetite, to provide reasonable assurance regarding the achievement of entity objectives.” - COSO

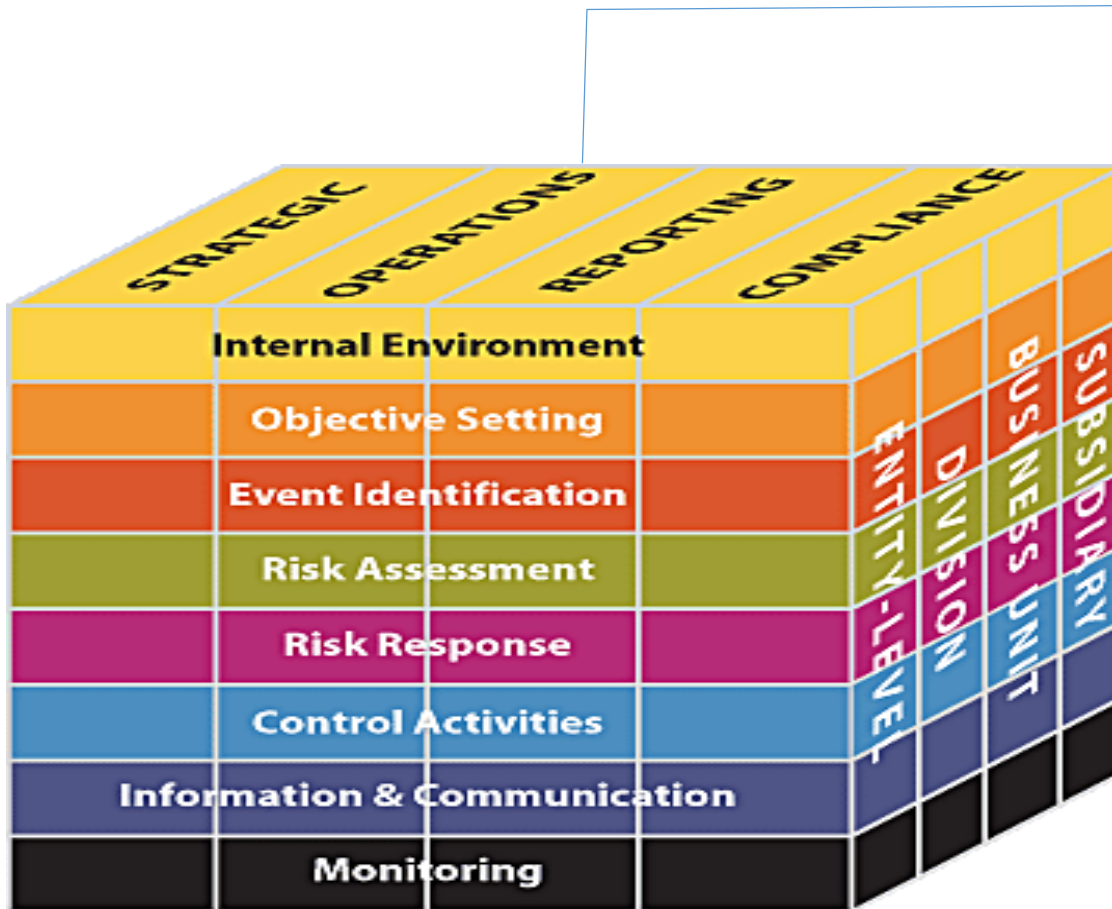


# ERM – Strategic Level



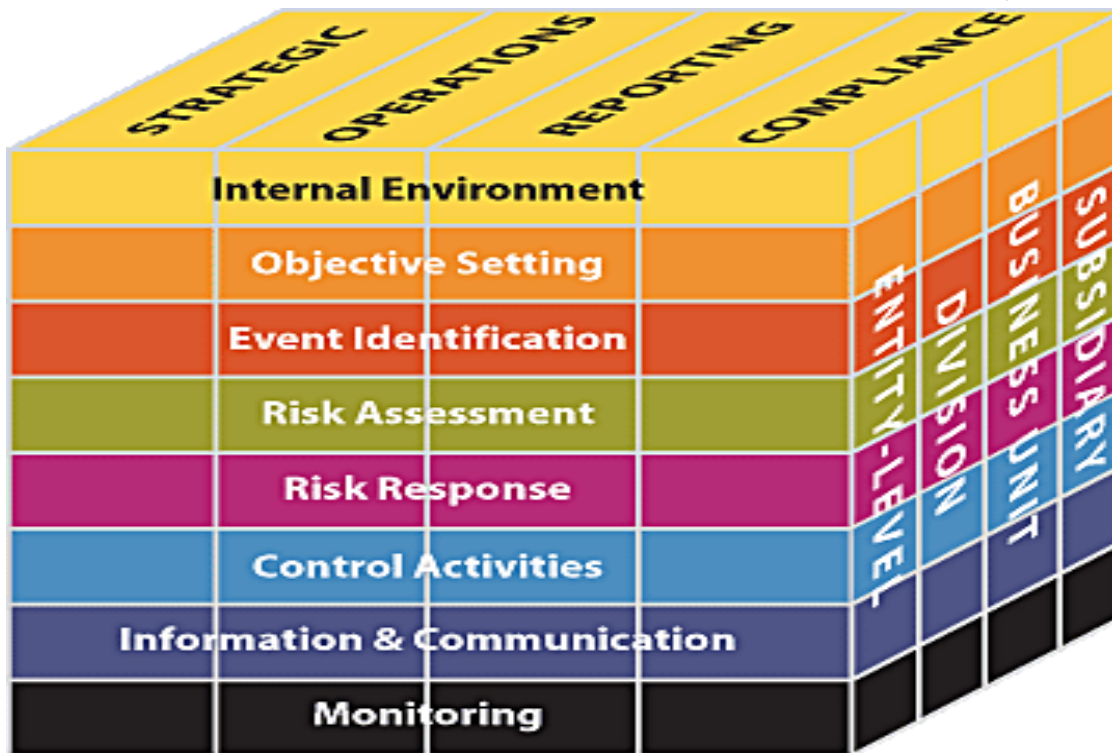
These are the high level goals that are aligned with and support the institution's mission.

# ERM – Operations Level



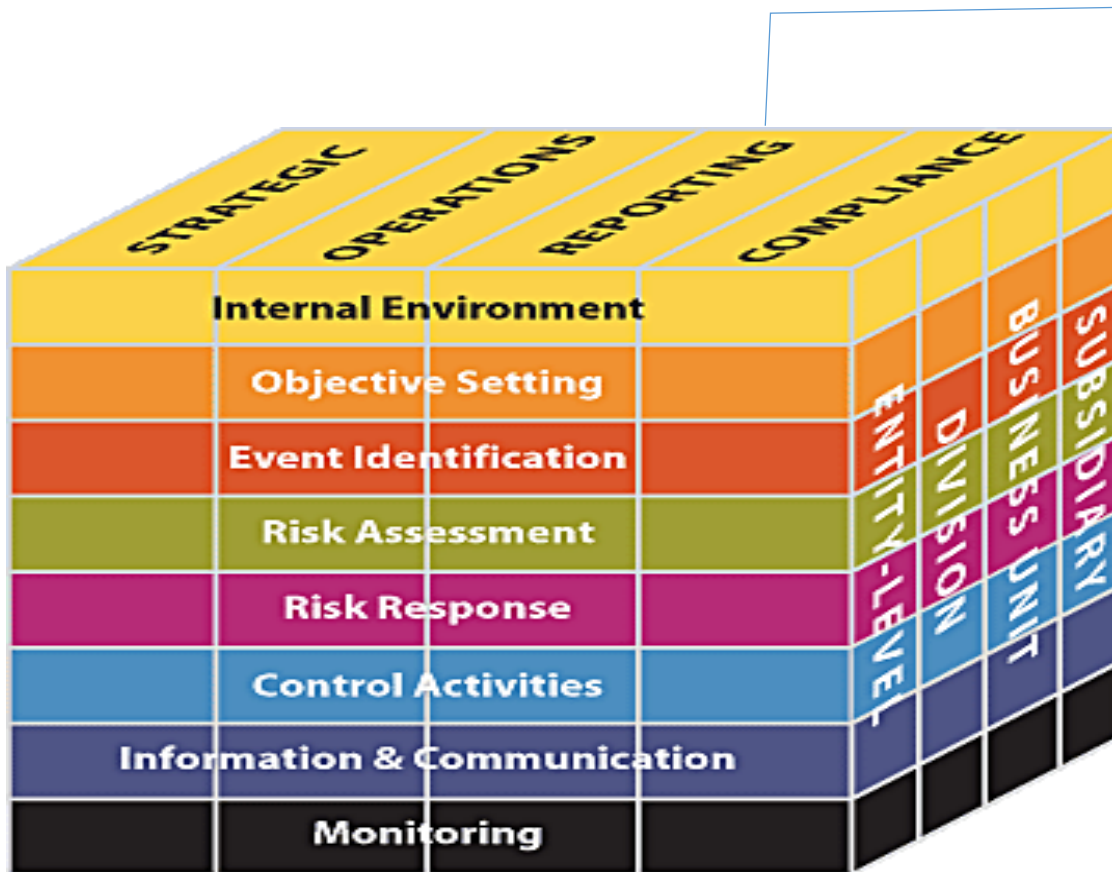
**Relate to the ongoing management process and daily activities of the organization.**

# ERM – Reporting Level



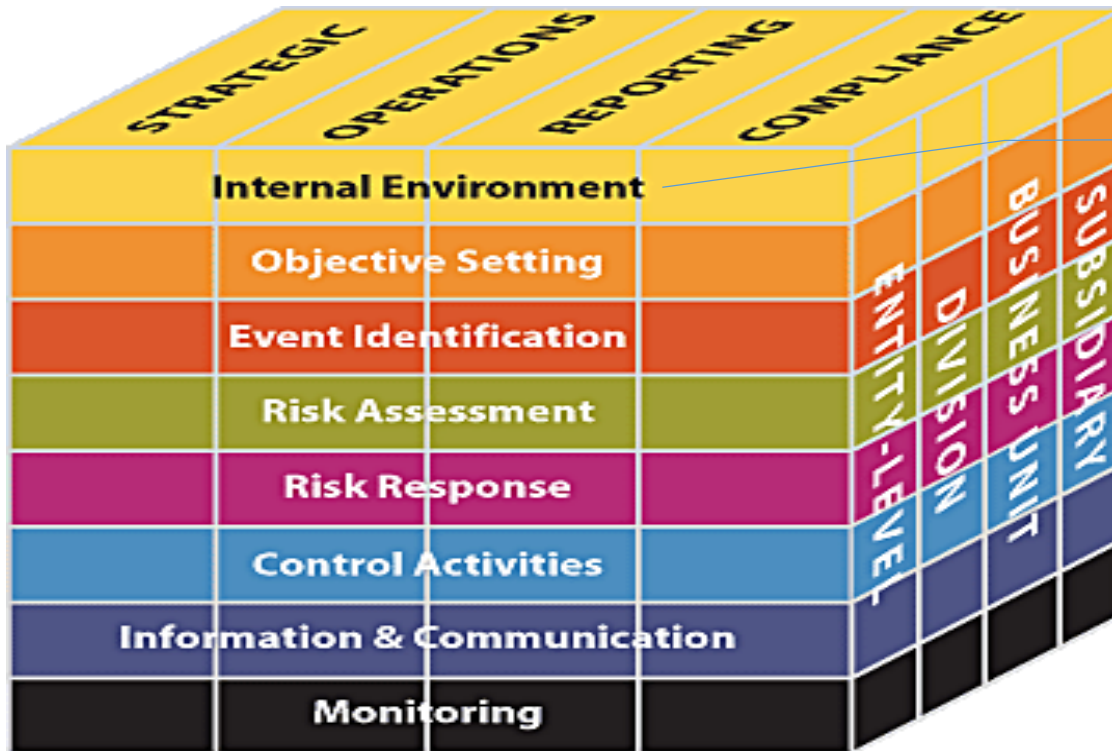
**Relates to the organization's adherence to applicable laws and regulations.**

# ERM – Compliance Level



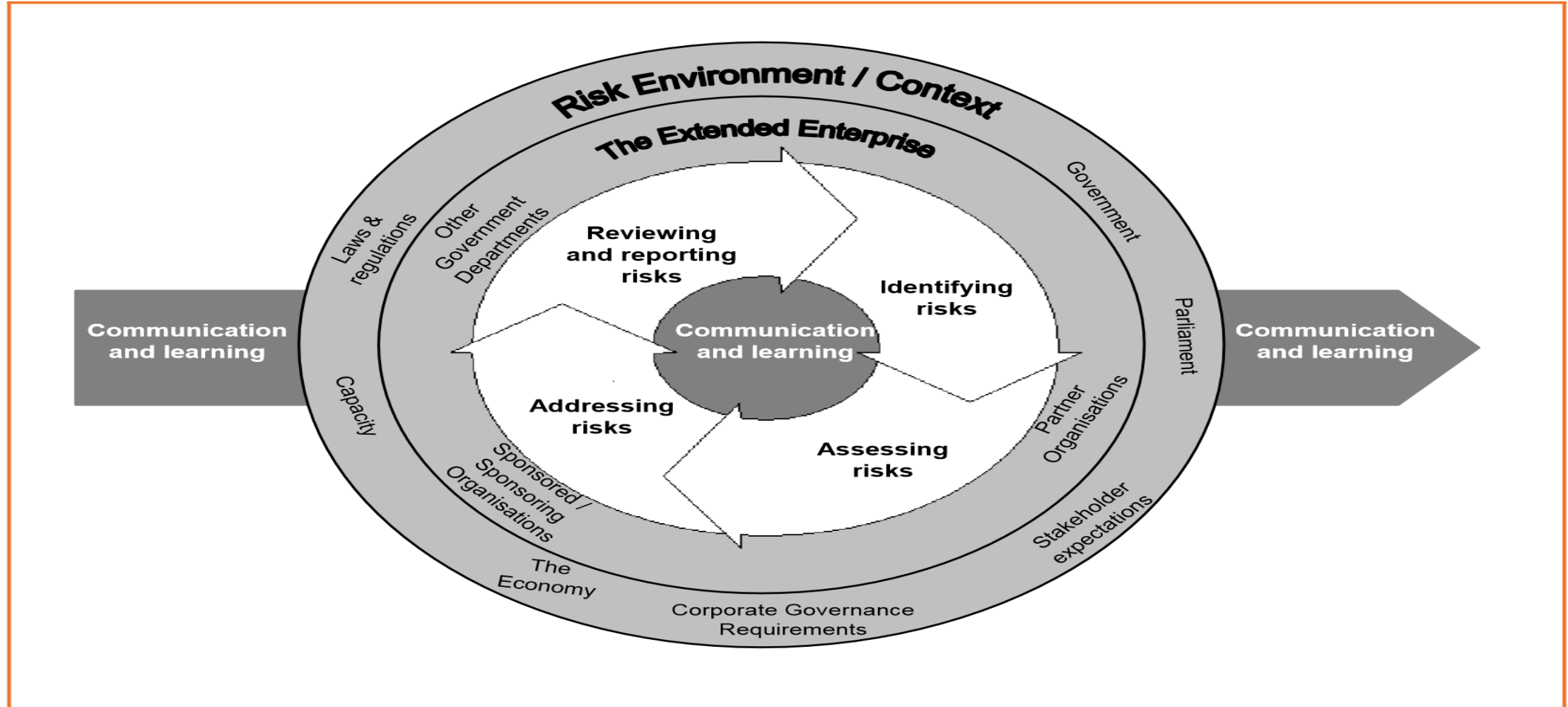
**Relates to the protection of the organization's assets and quality of financial reporting.**

# ERM – Operations Level



**The Internal Environment** relates to the general culture, values and environment in which an organization or entity operates (e.g. tone at the top)

# Risk Management Model

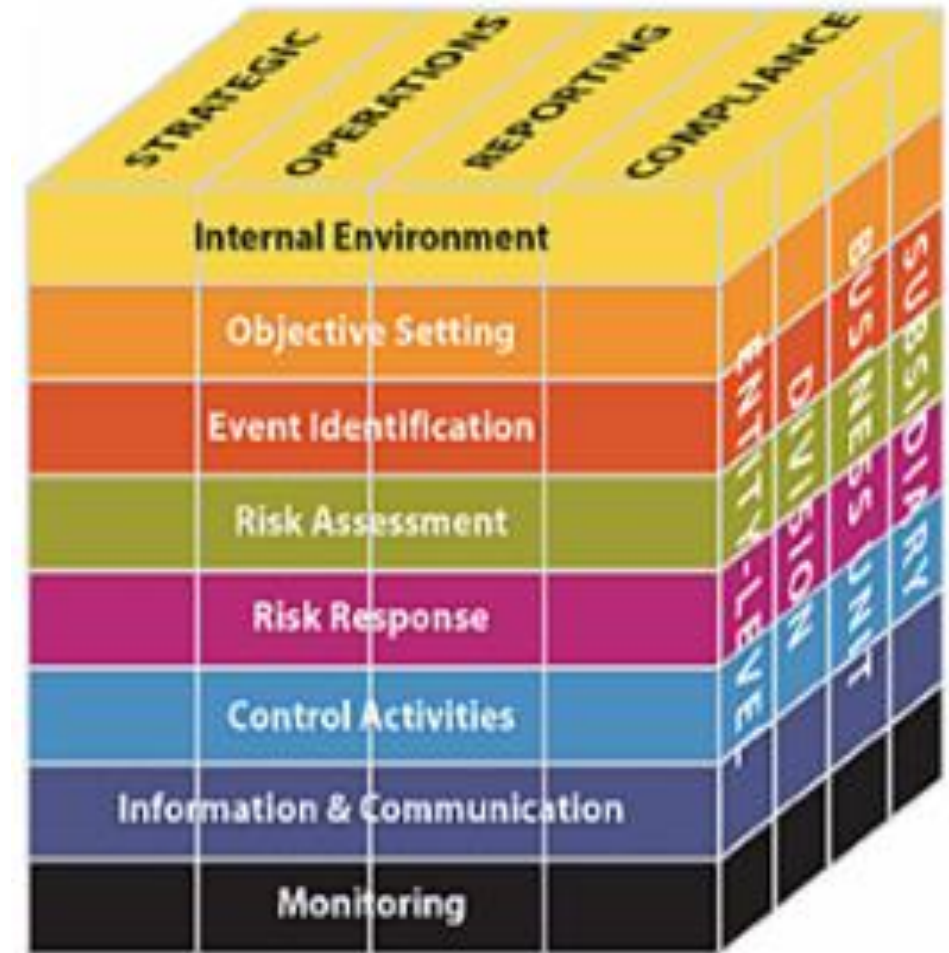


# Risk Management Process



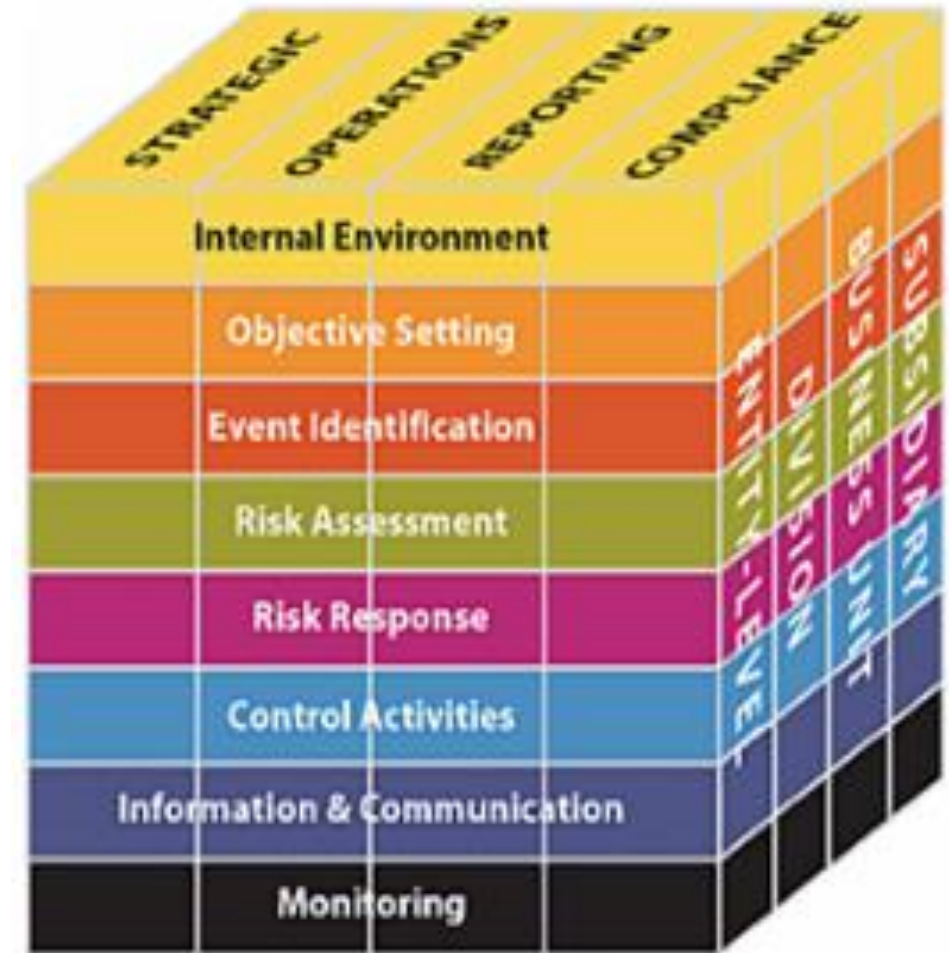
# Establishing the Risk Context

- Establish the context by identifying the objectives of the project, event or relationship and then consider the internal and external parameters within which the risk must be managed.
- Establishing the context sets the framework within which the risk assessment should be undertaken, ensures the reasons for carrying out the risk assessment are clearly known, and provides the backdrop of circumstances against which risks can be identified and assessed.



# Establishing the Risk Context

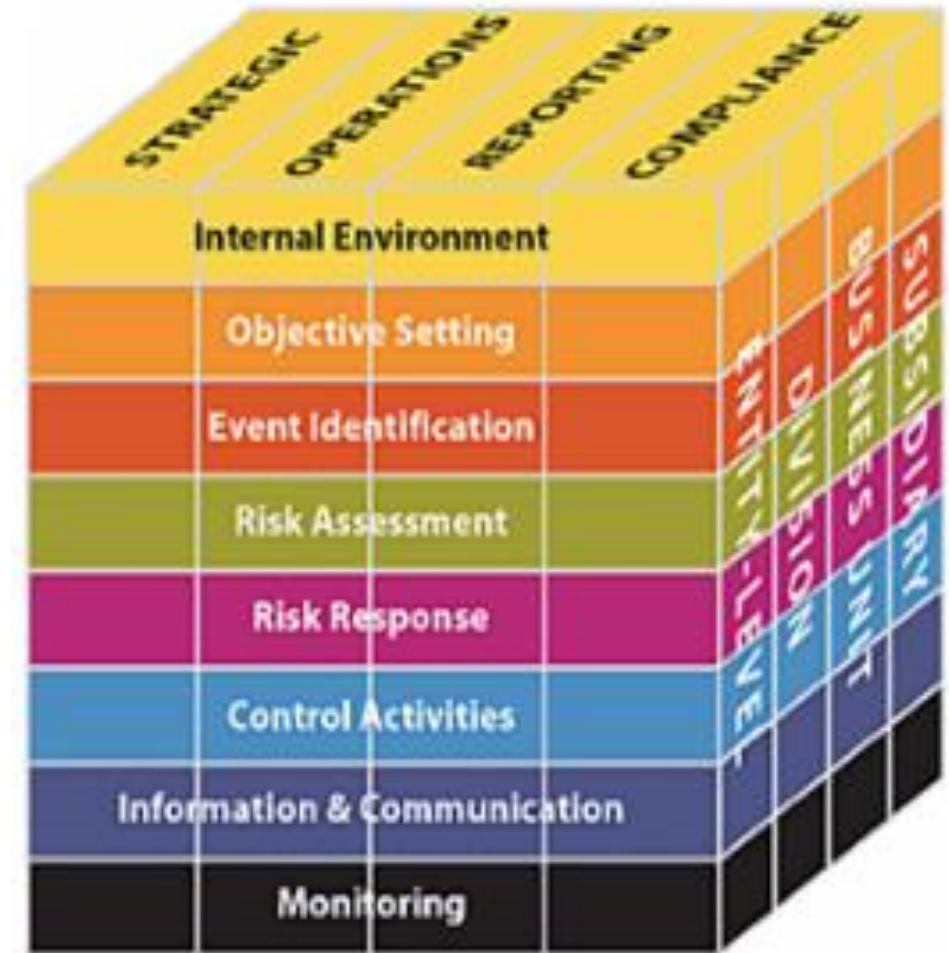
- Set the scope for the risk assessment by identifying what you are assessing
- Define the broad objectives and identify the reason for the risk assessment
- Identify the relevant stakeholders, the areas that might be impacted and seek their input - inclusive process
- Gather background information by ask the right people and identify the information that is available as well as information that is not available (immediately) but may be necessary



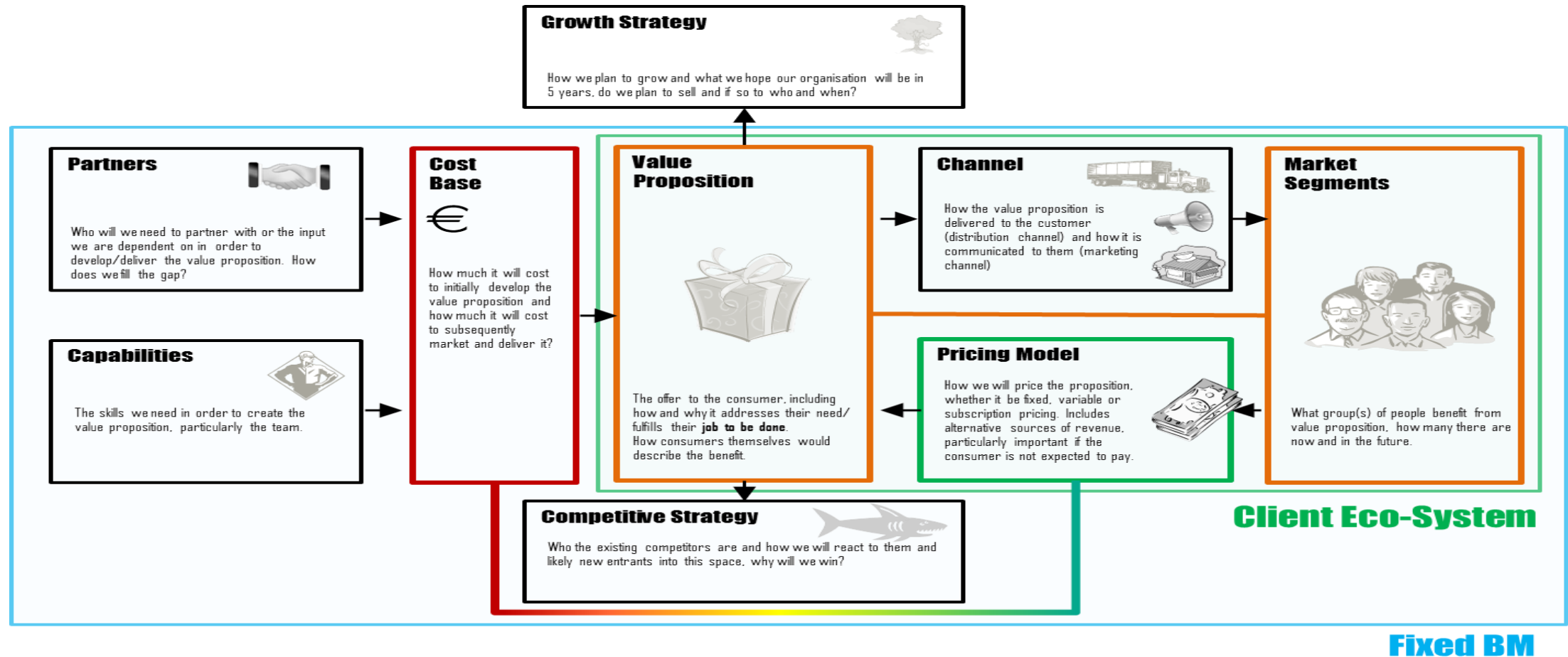
# Establishing the Risk Context

When gathering information consider:

- Strategic & business plans
- Reports such as financial statement, inspections, site visit
- Personal experience of staff
- Corporate knowledge & 'institutional memory'
- Previous event investigations or reports
- Surveys, questionnaires and checklists
- Insurance claim reports
- Business experience (local or international)
- Structured interviews or Focus group discussion
- Historical records

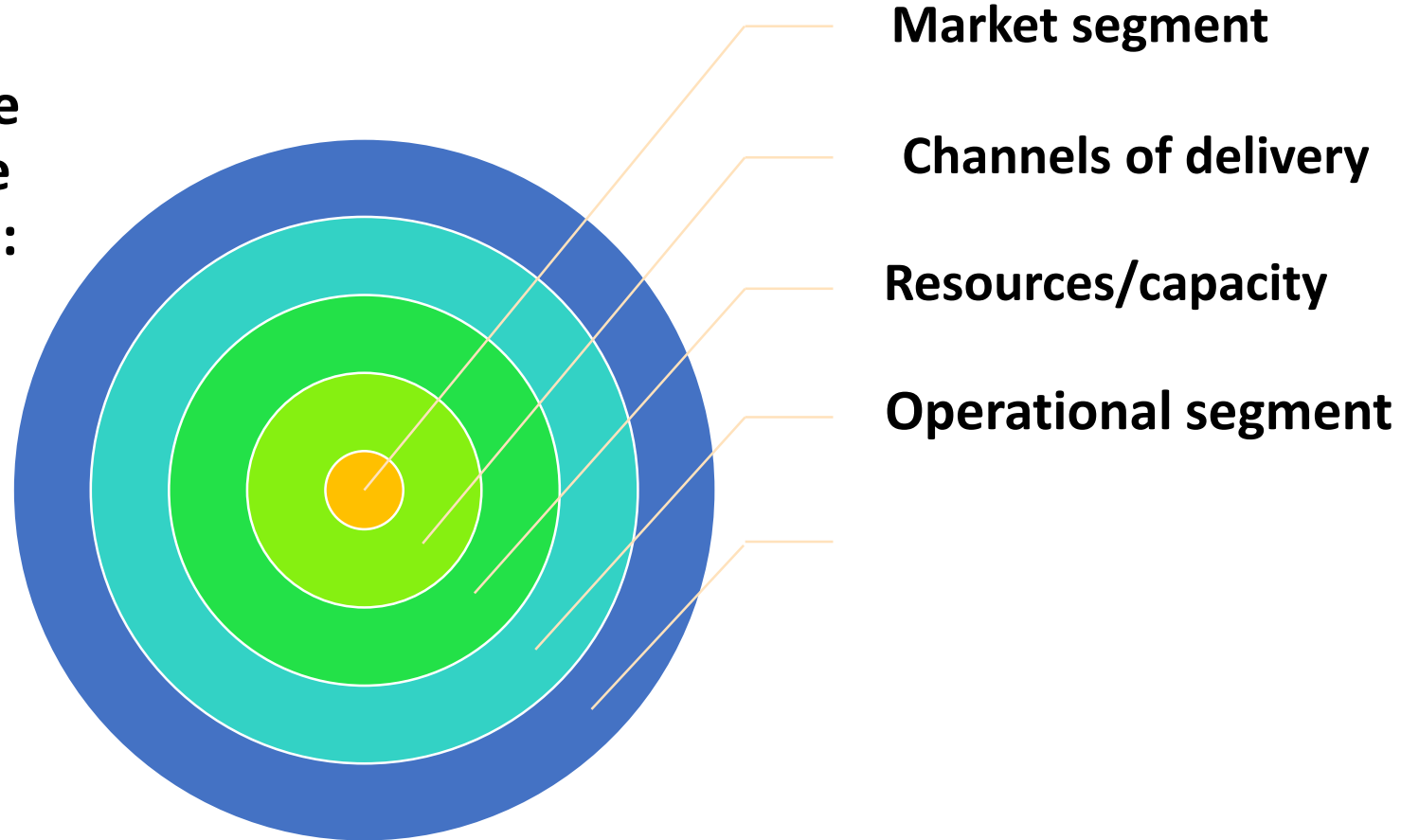


# Context of Risk - Business Model

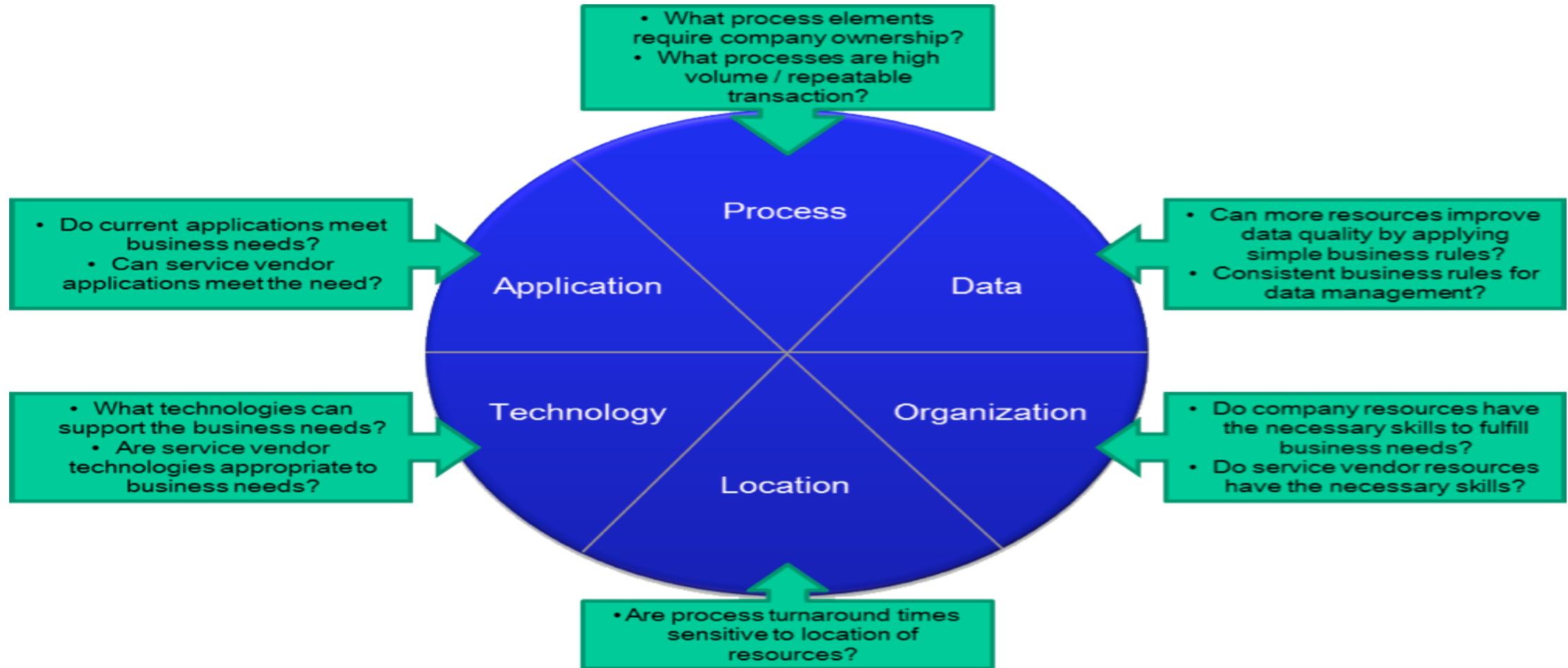


# Brain Teaser #5

**Identify possible risks associated with each of the segments in the business model:**



# Risk Assessment – Business Model



# Porter's 5 Forces

## Threat of New Entry

- Time and cost of entry
- Specialist knowledge
- Economies of scale
- Cost advantages
- Technology protection
- Barriers to entry

## Threat of New Entry

## Competitive Rivalry

- Number of competitors
- Quality differences
- Other differences
- Switching costs
- Customer loyalty

## Supplier Power

## Supplier Power

- Number of suppliers
- Size of suppliers
- Uniqueness of service
- Your ability to substitute
- Cost of changing

## Competitive Rivalry

## Buyer Power

## Buyer Power

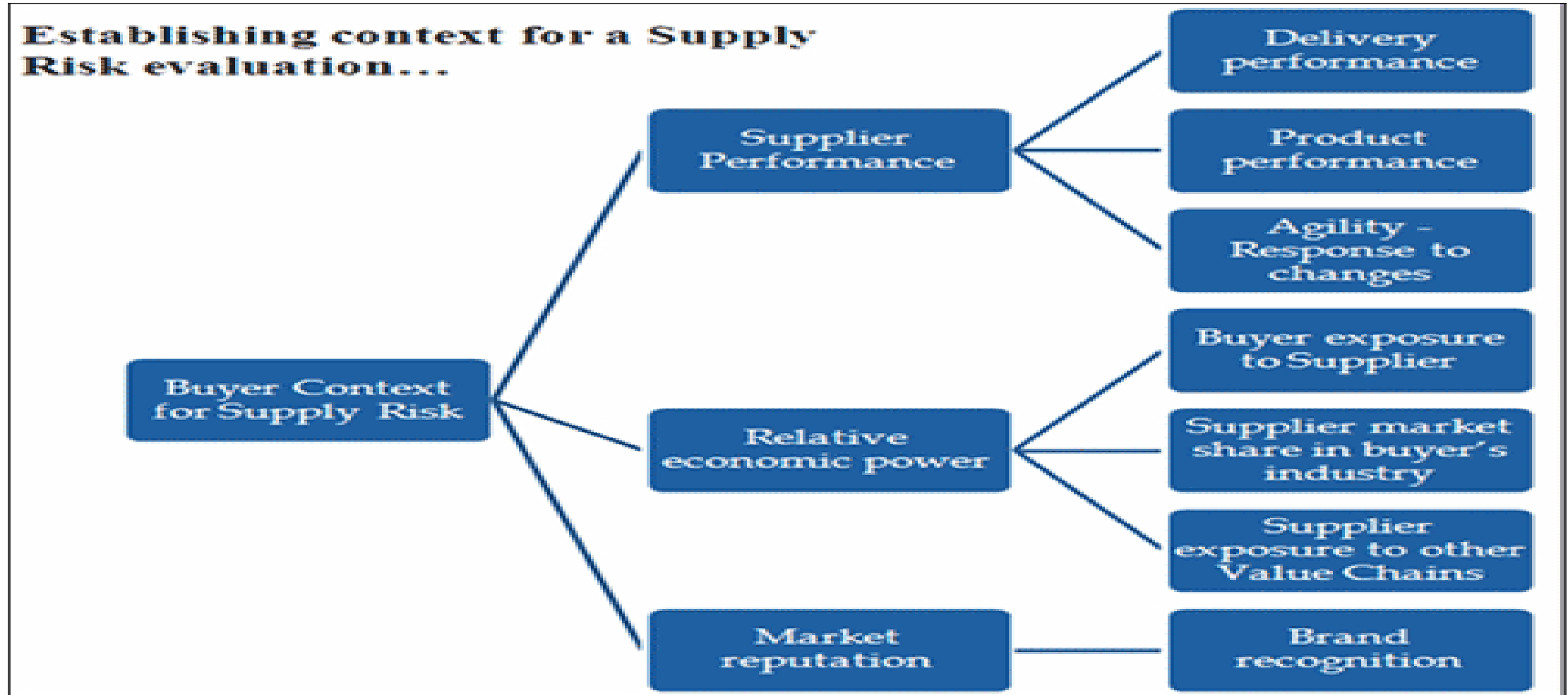
- Number of customers
- Size of each order
- Differences between competitors
- Price sensitivity
- Ability to substitute
- Cost of changing

## Threat of Substitution

- Substitute performance
- Cost of change

## Threat of Substitution

# Establishing the Risk Context



# Identification of Risk

- Risk identification involves identifying sources of risk, areas of impact, events and their causes and consequences - risk of doing nothing and missing an opportunity
- Identify sources of the risk, areas of impact, events (including changes in circumstances) and their causes and potential consequences
- Describe those factors that might create, enhance, prevent, degrade, accelerate or delay the achievement of your objectives.



7 Ways to Identify Risks

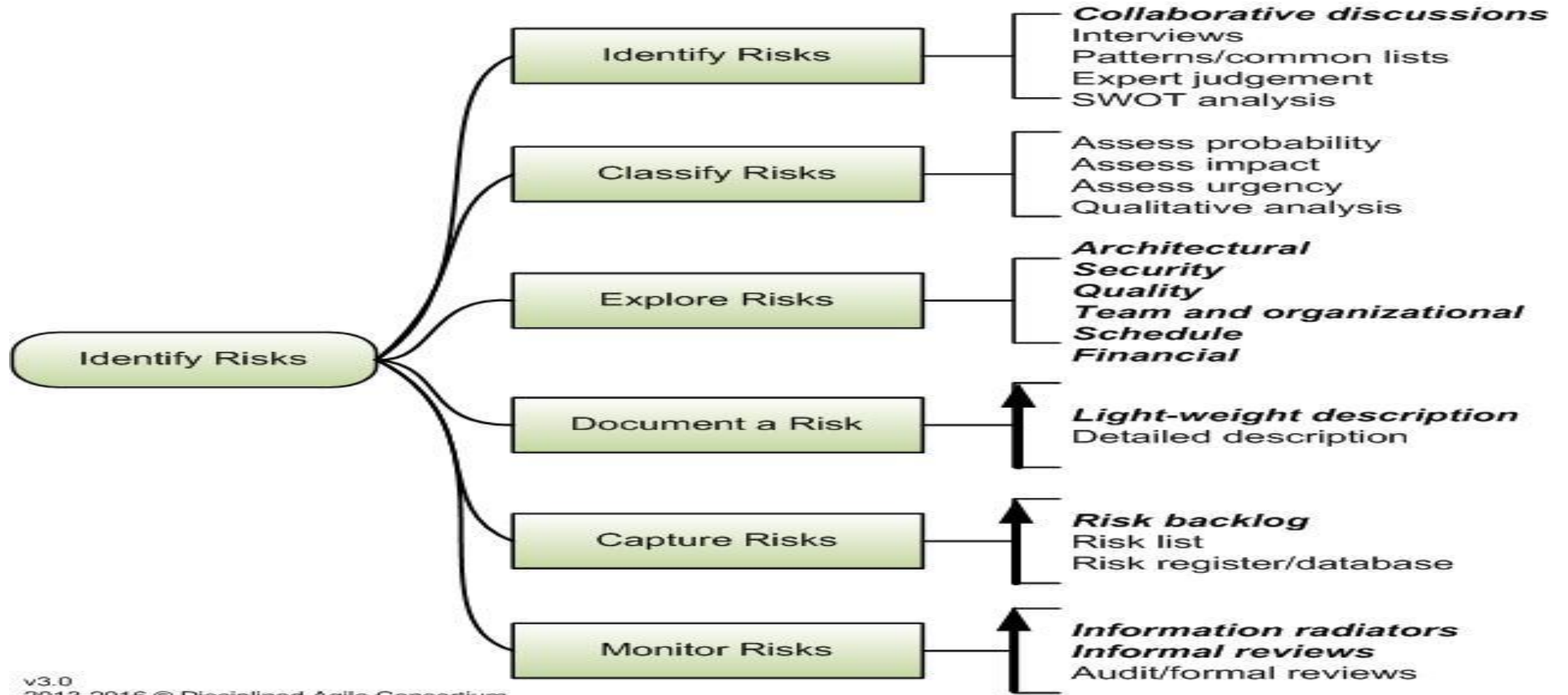
by Harry Hall



# Identification of Risk



# Identification of Risks



# Identification of Risk

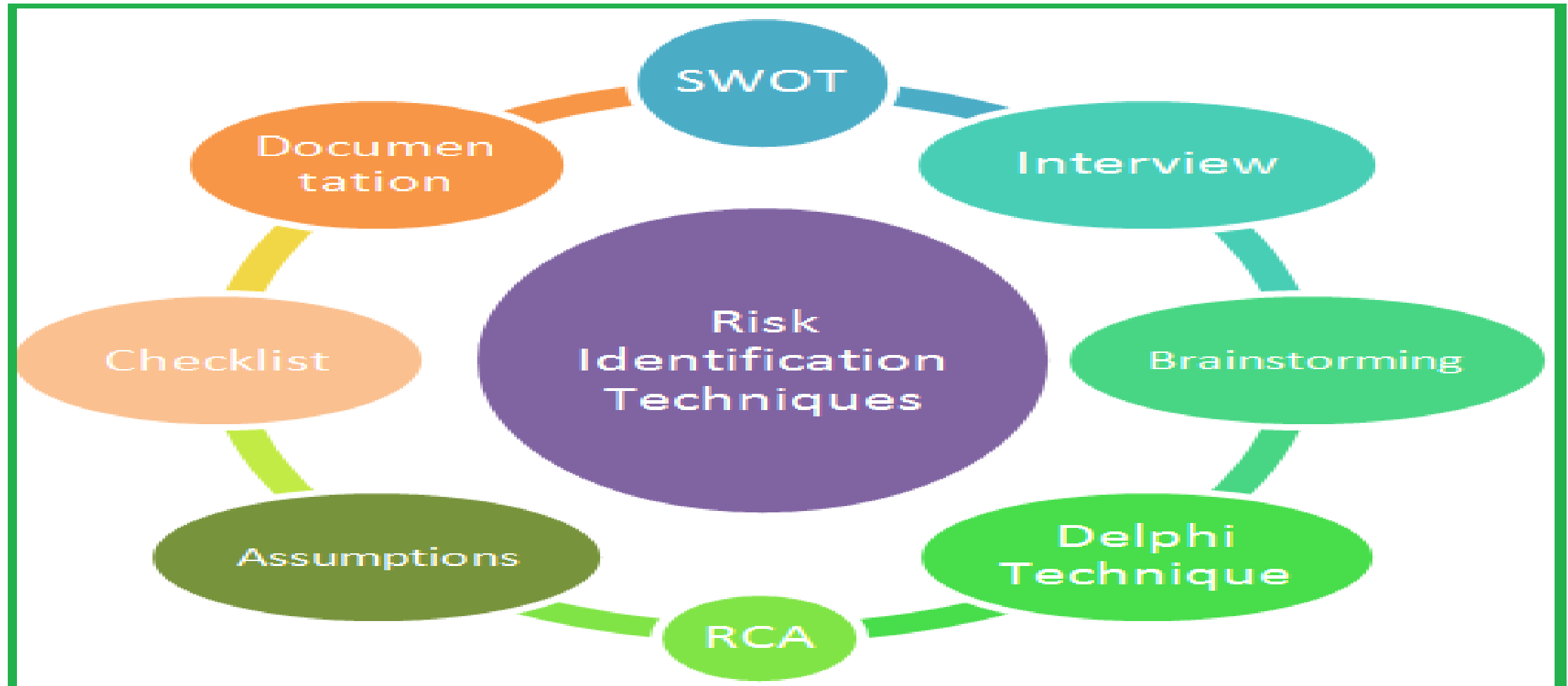
- Identify risks early in the process or project
- Identify risks in an iterative and holistic manner
- Identify risks with a consistent frequency – ongoing and regularly
- Identify risks when change control is performed
- Identify risks when major milestones are achieved



# Identifying Risks



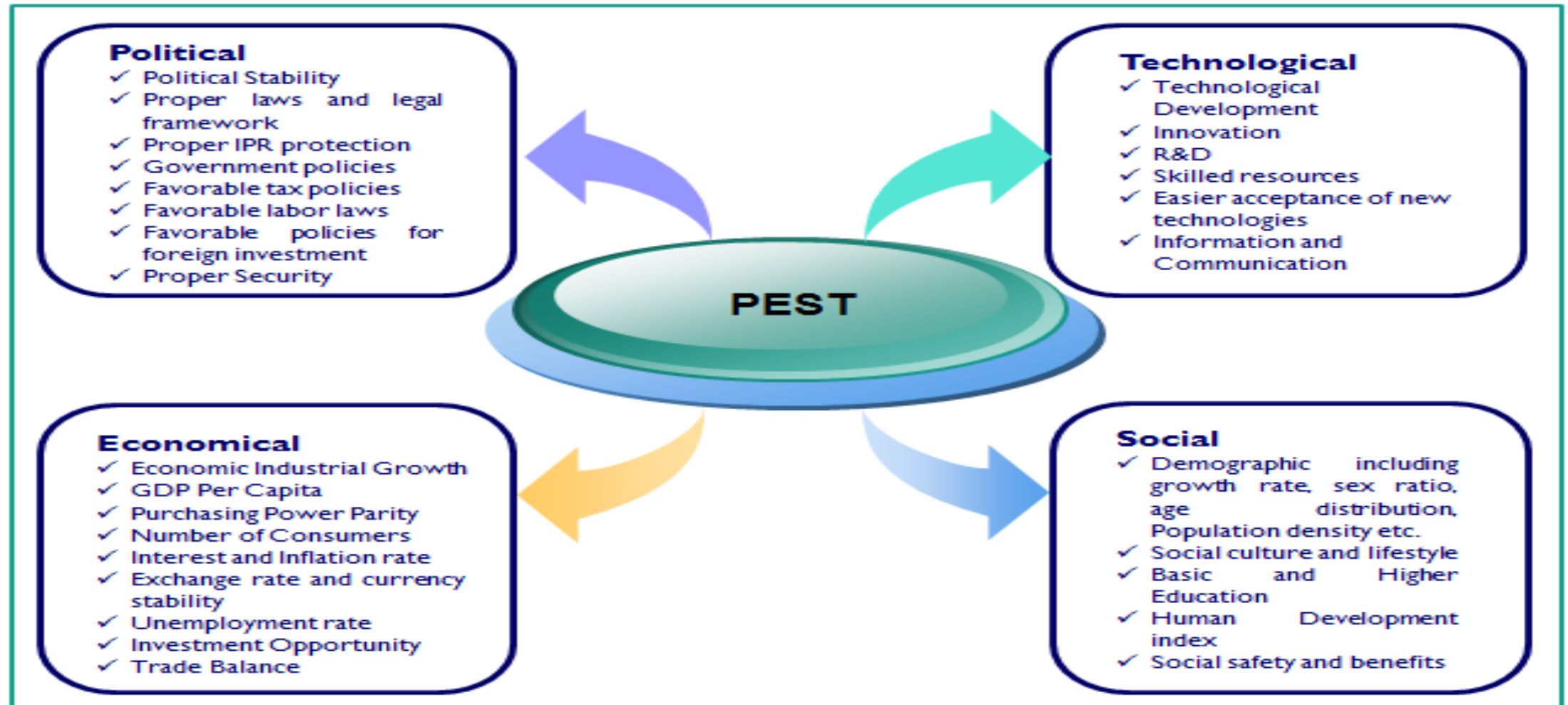
# Identification of Risk



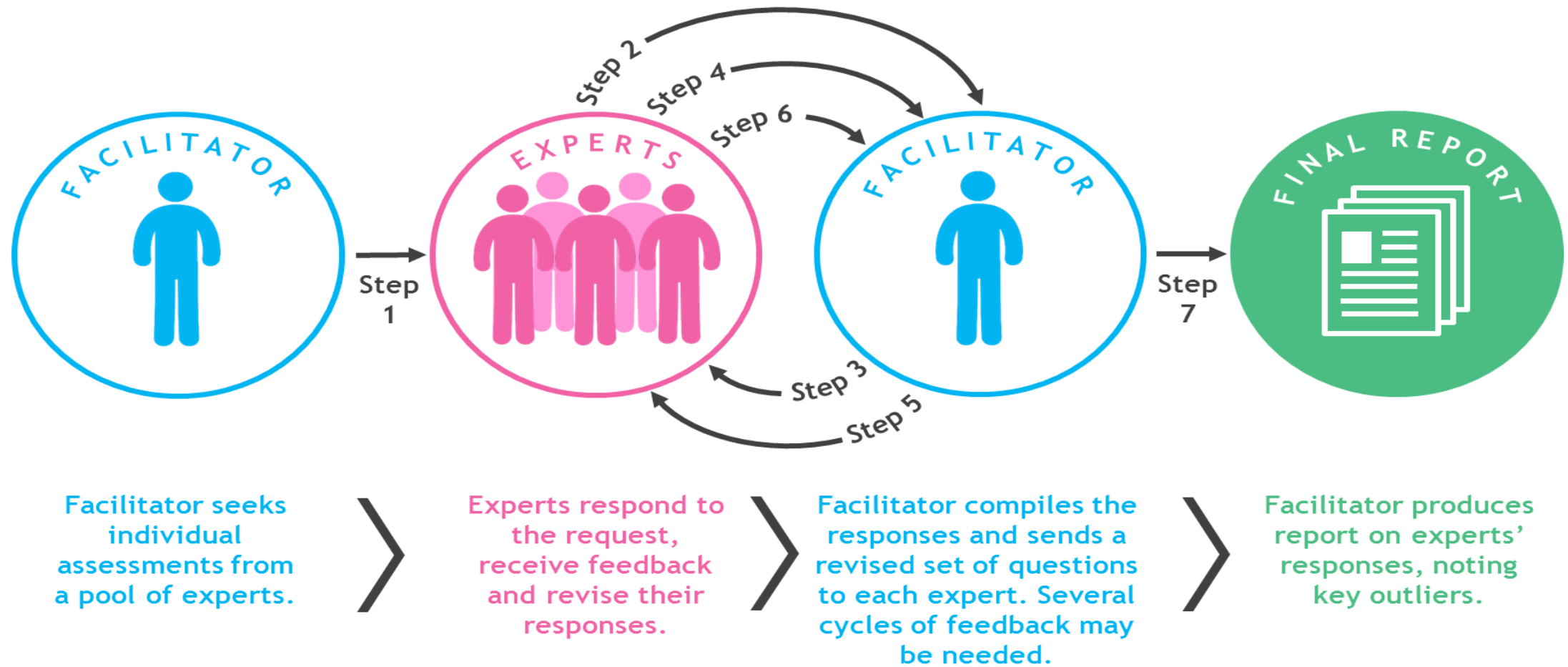
# SWOT Analysis



# PEST Analysis



# Delphi Method



# Brain Teaser #6

**Professional Accountants performing the compilation, review or audit of financial statements use the following statement extracted from the relevant report included in the financial statements to limit their risks when business faces financial and business risk:**

*“The preparation of the financial statements set out on pages 3 to 13 are the responsibility of the member. We have ascertained that the financial statements are in agreement with the accounting records, summarized in the manner required by section 58(2)(d) of the Act, and have done so by adopting such procedures and conducting such enquiries in relation to the books of accounts and records as considered necessary in the circumstances.”*

**Discuss the possible reasons why the Professional Accountants may be held liable for the financial and business risks faced by organisation.**

# Identification of Risk - Pitfalls

- **Risks are not identified early when it is less expensive to address**
- **Risks are not identified in an iterative manner**
- **Risk are not identified with appropriate stakeholders**
- **Risk are not identified using a combination of risk identification techniques**
- **Risks are not captured in one location**
- **Risks are not visible and easily accessible.**
- **Risks are not captured in a consistent format (e.g., Cause -> Risk -> Impact).**

# Analysis of Risk

- Risk analysis is the systematic study of uncertainties and risks encountered in business and many other areas. Risk analysts seek to identify the risks, understand how and when they arise, and estimate the impact (financial or otherwise) of adverse outcomes.
- This technique also helps to define preventive measures to reduce the probability of these factors from occurring and identify countermeasures to successfully deal with these constraints when they develop to avert possible negative effects on the competitiveness of the company.



# Analysis of Risk

**Assess the likelihood of the risk occurring – measuring the probability of occurrence**

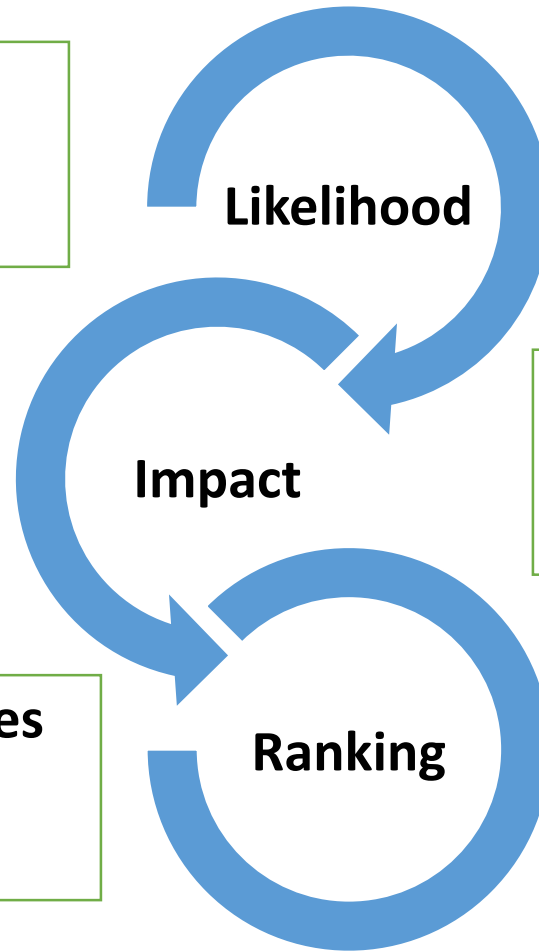
**Likelihood**

**Impact**

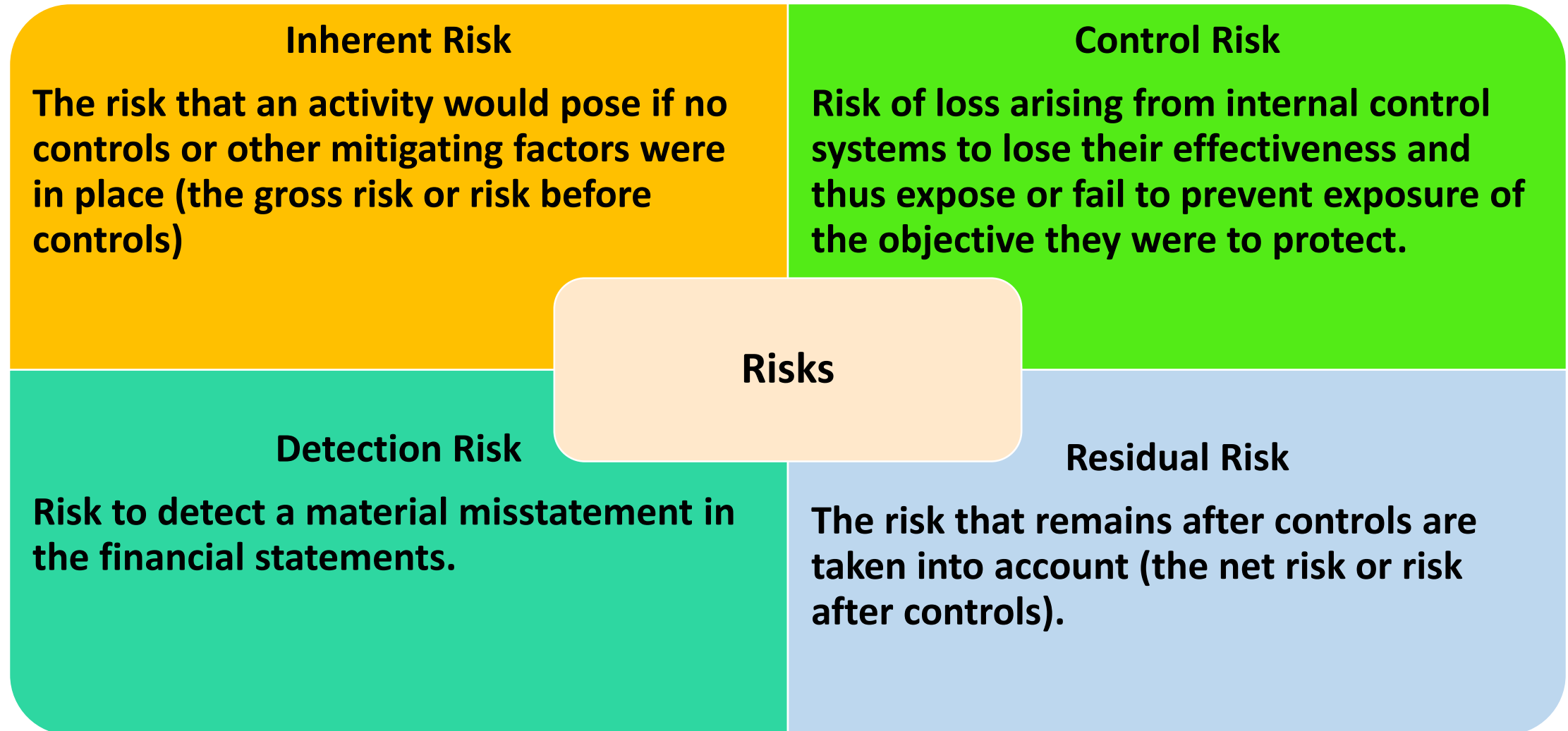
**Assess the consequence/impact if the risk occurred – measuring the frequency or severity**

**The risk matrix then determines whether the risk rating is low, medium, high or extreme**

**Ranking**



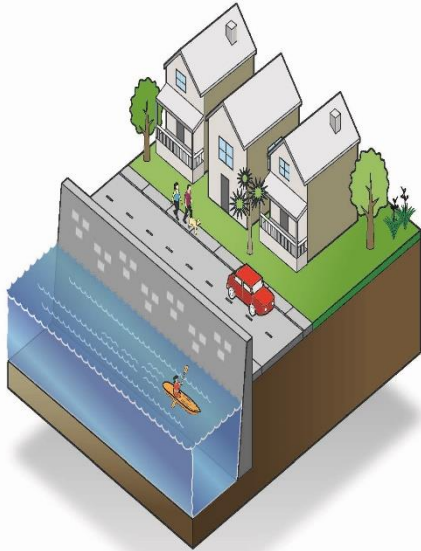
# Types of Risks



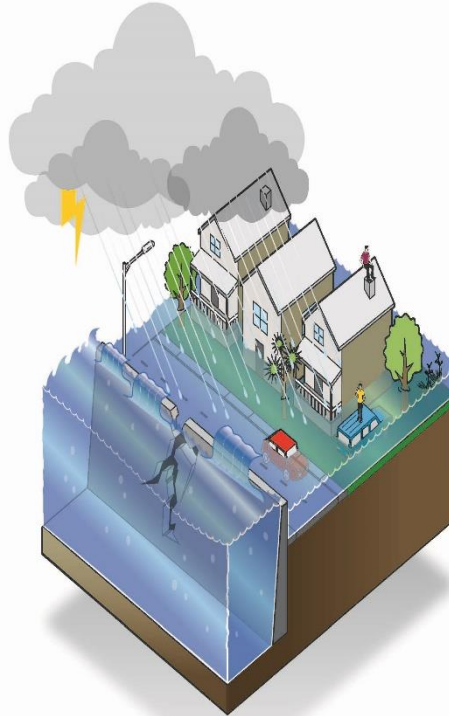
# Residual Risk

## Residual risk

Residual risk is the risk that remains after risk treatment has been applied to reduce the potential consequences.



**A** Seawall typically provides protection against a 1:50 year storm event for which it was designed for.



**B** Seawall cannot protect against a less frequent but higher magnitude 1:100 year storm event.

## Inherent Risk

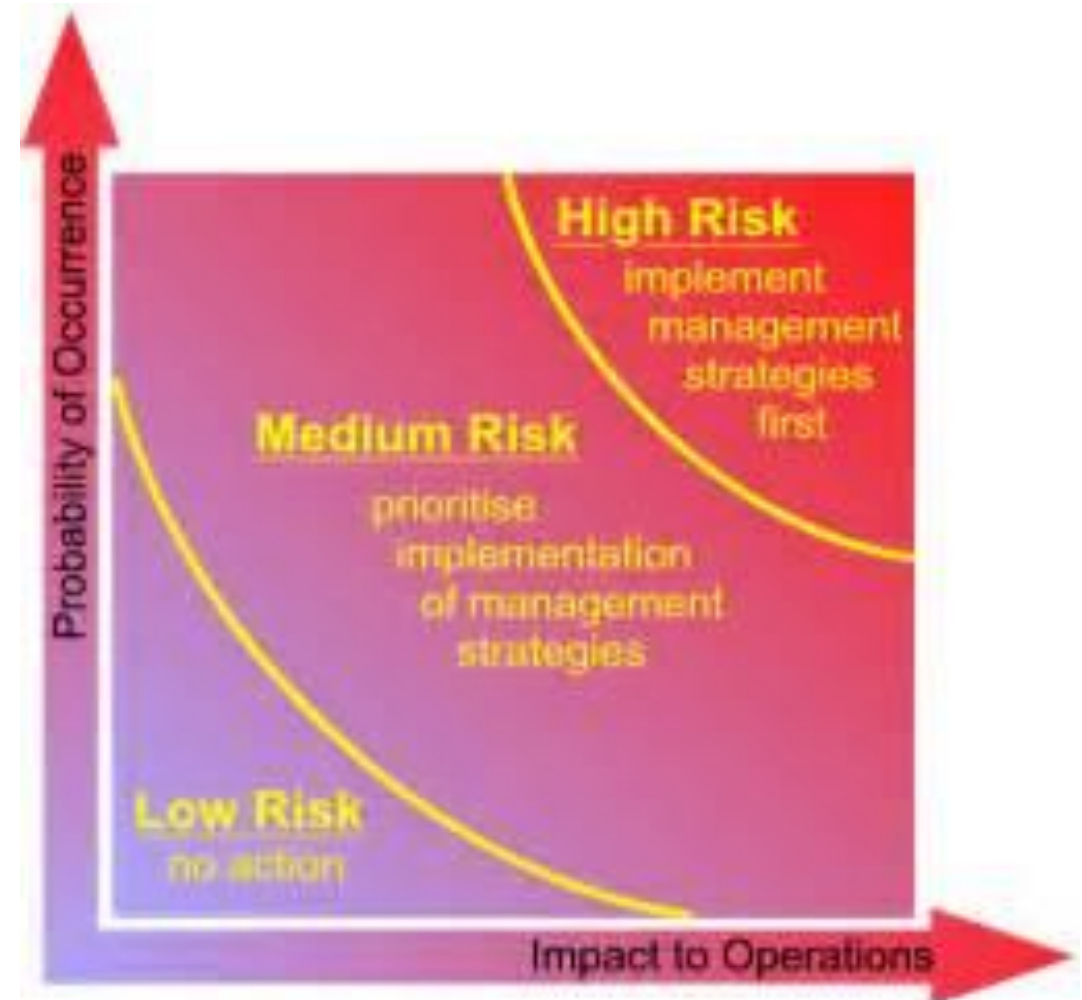


# Analysing Risks - Methods

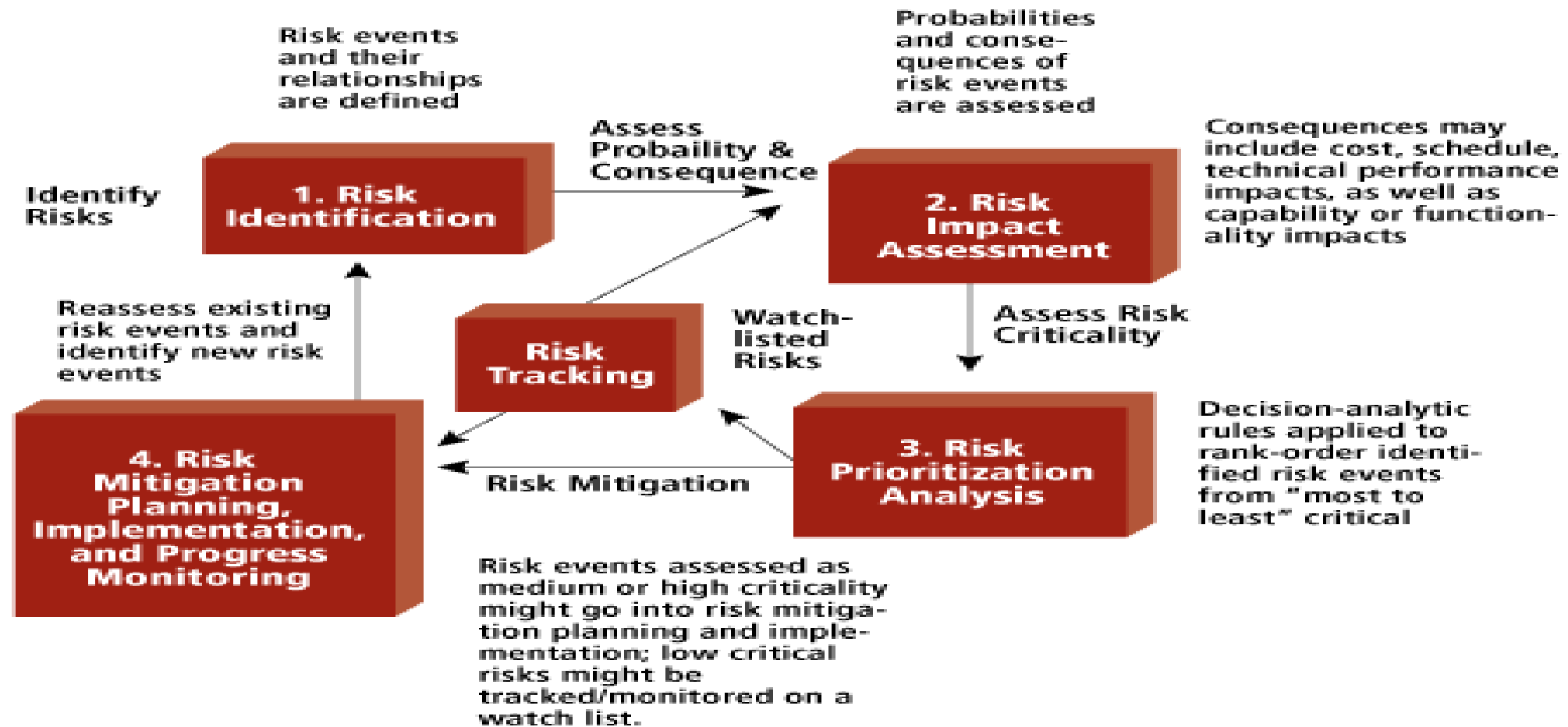


# Risk Impact Assessment

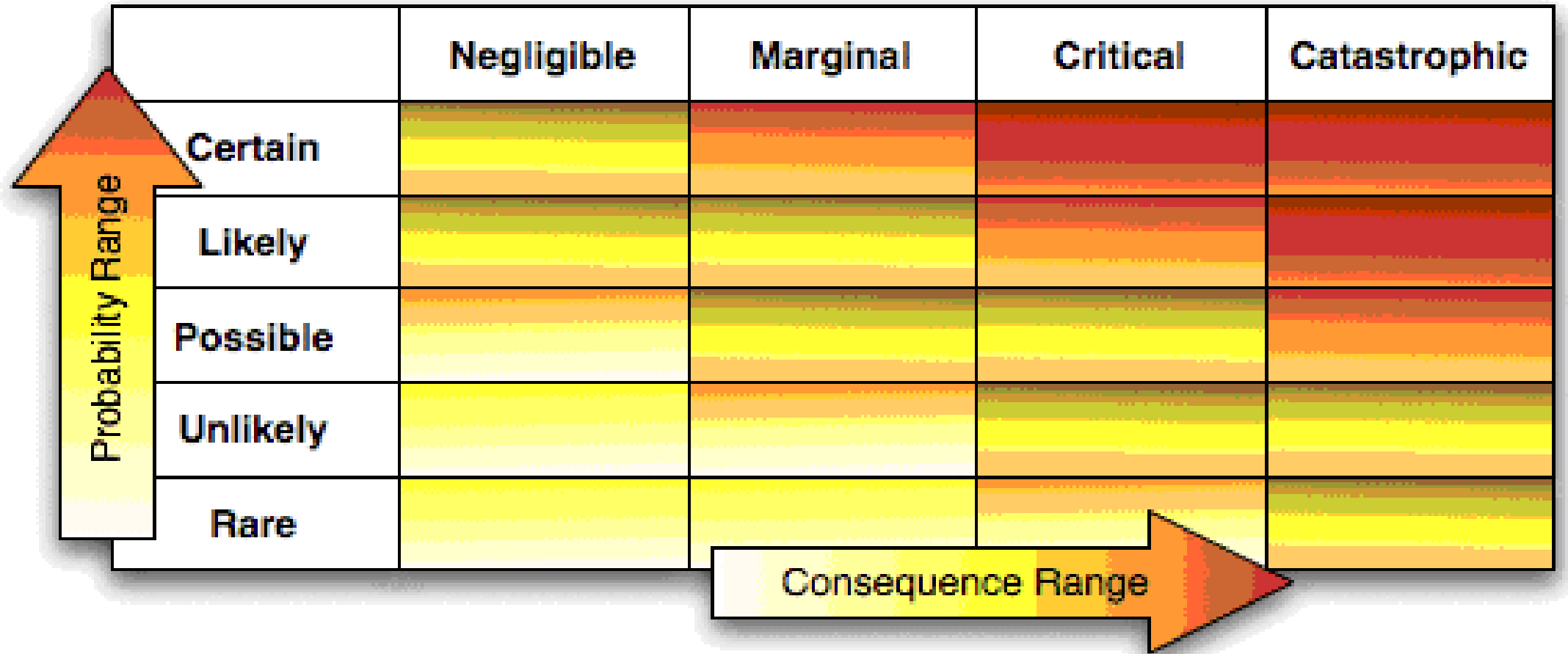
- Risk impact assessment is the process of assessing the probability (likelihood) and consequences of the events if they are realised.
- The results of the assessment are used to prioritise risks to establish a most-to-least critical importance ranking.



# Risk Impact Analysis



# Risk Analysis Matrix



|          | Negligible | Marginal | Critical | Catastrophic |
|----------|------------|----------|----------|--------------|
| Certain  |            |          |          |              |
| Likely   |            |          |          |              |
| Possible |            |          |          |              |
| Unlikely |            |          |          |              |
| Rare     |            |          |          |              |

# Brain Teaser #7

| <b>Risk Rating</b> | <b>Description</b> | <b>Likelihood occurrence</b> |
|--------------------|--------------------|------------------------------|
| <b>1</b>           | <b>Rare</b>        |                              |
| <b>2</b>           | <b>Unlikely</b>    |                              |
| <b>3</b>           | <b>Possible</b>    |                              |
| <b>4</b>           | <b>Likely</b>      |                              |
| <b>5</b>           | <b>Certain</b>     |                              |

# Risk Likelihood Descriptor

| <b>Risk Rating</b> | <b>Description</b> | <b>Likelihood occurrence</b>                                                                                                                                           |
|--------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>           | <b>Rare</b>        | <b>Highly unlikely, but it may occur in exceptional circumstances, but probably never will</b>                                                                         |
| <b>2</b>           | <b>Unlikely</b>    | <b>Not expected, but there is a slight possibility it may occur at some time</b>                                                                                       |
| <b>3</b>           | <b>Possible</b>    | <b>The risk might occur at some time as there is a history of casual occurrence in the business or similar businesses (industry)</b>                                   |
| <b>4</b>           | <b>Likely</b>      | <b>There is a strong possibility the risk will occur as there is a history of frequent occurrence in the business or similar businesses (industry)</b>                 |
| <b>5</b>           | <b>Certain</b>     | <b>Very likely as the risk is expected to occur in most circumstances as there is a history of regular occurrence in the business or similar businesses (industry)</b> |

# Brain Teaser #8

| <b>Risk Rating</b> | <b>Description</b>   | <b>Financial impact</b> | <b>Business interruption</b> | <b>Reputational impact</b> | <b>Business objective</b> |
|--------------------|----------------------|-------------------------|------------------------------|----------------------------|---------------------------|
| <b>1</b>           | <b>Insignificant</b> |                         |                              |                            |                           |
| <b>2</b>           | <b>Minor</b>         |                         |                              |                            |                           |
| <b>3</b>           | <b>Moderate</b>      |                         |                              |                            |                           |
| <b>4</b>           | <b>Major</b>         |                         |                              |                            |                           |
| <b>5</b>           | <b>Catastrophic</b>  |                         |                              |                            |                           |

# Risk Likelihood Descriptor

| <b>Risk Rating</b> | <b>Description</b>   | <b>Financial impact</b>               | <b>Business interruption</b>                             | <b>Reputational impact</b>                                               | <b>Business objective</b>                                        |
|--------------------|----------------------|---------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>1</b>           | <b>Insignificant</b> | <b>Minimal financial loss</b>         | <b>Negligible as risk does not affect operations</b>     | <b>Negligible impact externally</b>                                      | <b>Resolved as part of day-to-day management activities</b>      |
| <b>2</b>           | <b>Minor</b>         | <b>Limited loss exposure</b>          | <b>Inconvenient to function of operations</b>            | <b>Adverse effect which may impact on customers</b>                      | <b>Minor impact which require investigation</b>                  |
| <b>3</b>           | <b>Moderate</b>      | <b>Acceptable loss exposure</b>       | <b>Limited disruption to the operations</b>              | <b>Directly affecting customer relationships</b>                         | <b>Significant impact which require management intervention</b>  |
| <b>4</b>           | <b>Major</b>         | <b>Negative impact of performance</b> | <b>Systems failure which causes temporary disclosure</b> | <b>Negatively affect the reputation of the business</b>                  | <b>Major impact which require senior management intervention</b> |
| <b>5</b>           | <b>Catastrophic</b>  | <b>Financial disaster</b>             | <b>Systems failure which require major interventions</b> | <b>Result in regulatory investigations and threaten business closure</b> | <b>Disastrous impact which require strategic decision</b>        |

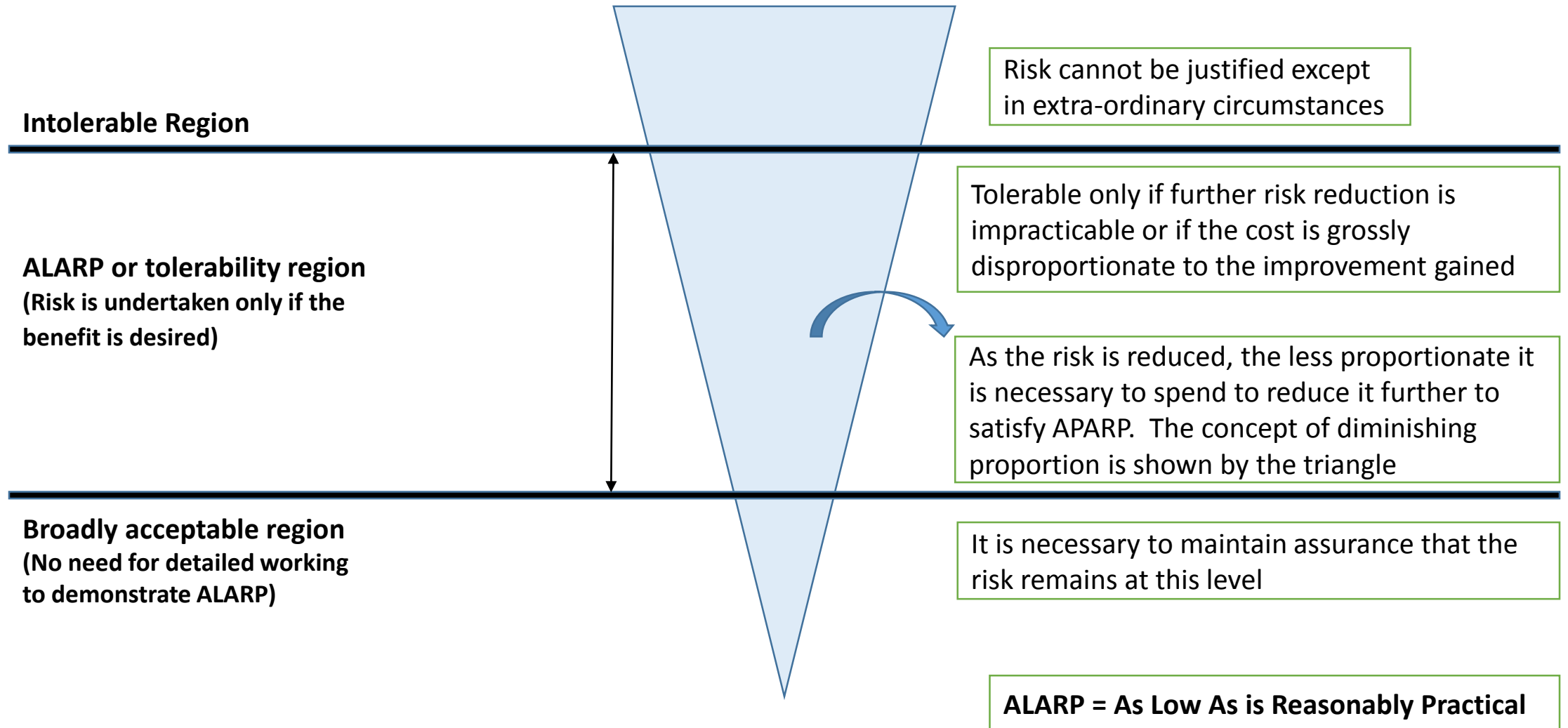
# Risk Classification

| Frequency  | Consequence                                                                                                                                     |          |          |            |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------|
|            | Catastrophic                                                                                                                                    | Critical | Marginal | Negligible |
| Frequent   | I                                                                                                                                               | I        | I        | II         |
| Probable   | I                                                                                                                                               | I        | II       | III        |
| Occasional | I                                                                                                                                               | II       | III      | III        |
| Remote     | II                                                                                                                                              | III      | IV       | IV         |
| Improbable | III                                                                                                                                             | III      | IV       | IV         |
| Incredible | IV                                                                                                                                              | IV       | IV       | IV         |
| Risk Class | Interpretation                                                                                                                                  |          |          |            |
| Class I    | Intolerable risk                                                                                                                                |          |          |            |
| Class II   | Undesirable risk, and tolerable only if risk reduction is impracticable or if the costs are grossly disproportionate to the improvements gained |          |          |            |
| Class III  | Tolerable risk if the cost of risk reduction would exceed the improvements gained                                                               |          |          |            |
| Class IV   | Negligible risk                                                                                                                                 |          |          |            |

# Risk Ranking

| IMPACT             | ACTIONS                             |                               |                                |
|--------------------|-------------------------------------|-------------------------------|--------------------------------|
| <b>SIGNIFICANT</b> | Considerable Management Required    | Must Manage and Monitor Risks | Extensive Management essential |
| <b>MODERATE</b>    | Risk are bearable to certain extent | Management effort worthwhile  | Management effort required     |
| <b>MINOR</b>       | Accept Risks                        | Accept but monitor Risks      | Manage and Monitor Risks       |
|                    | <b>LOW</b>                          | <b>MEDIUM</b>                 | <b>HIGH</b>                    |
|                    | <b>LIKELIHOOD</b>                   |                               |                                |

# Risk Classification

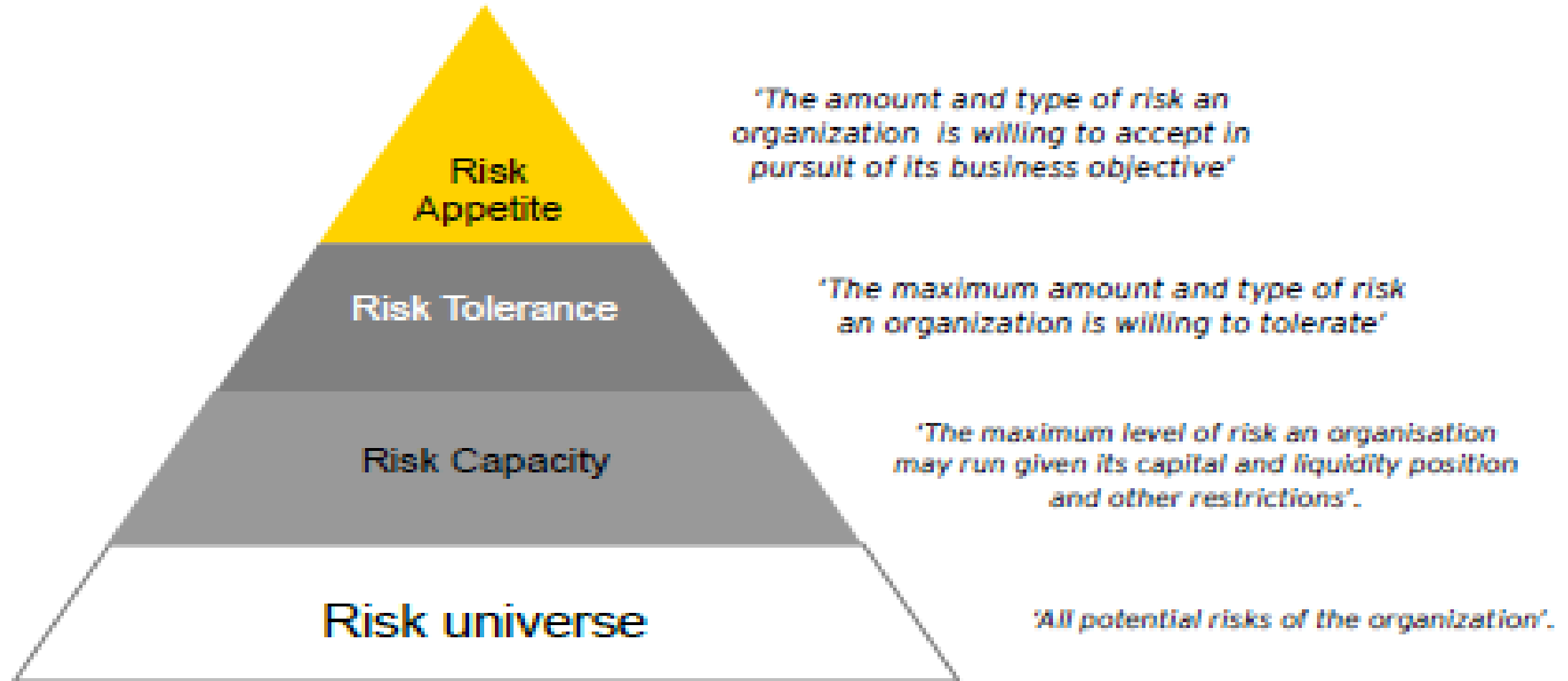


# Evaluation of risk

- Risk evaluation is a process conducted to decide whether the risk is acceptable or unacceptable with the specific purposes of making decisions about future actions.
- Decisions about future actions may include:
  - not to undertake or proceed with the event, activity, project or initiative
  - actively treat the risk
  - prioritising the actions needed, if the risk is complex and treatment is required
  - accepting the risk

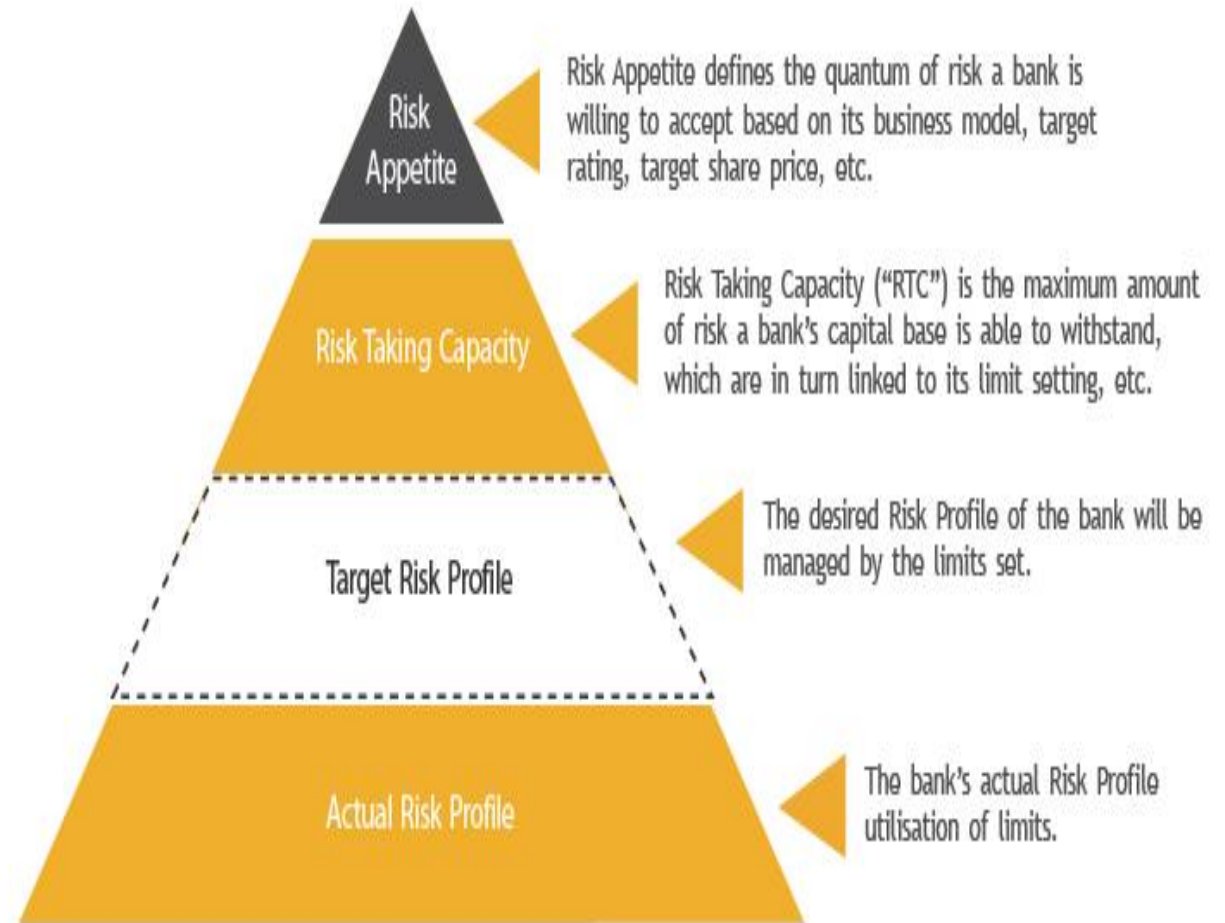


# Risk Appetite & Risk Tolerance



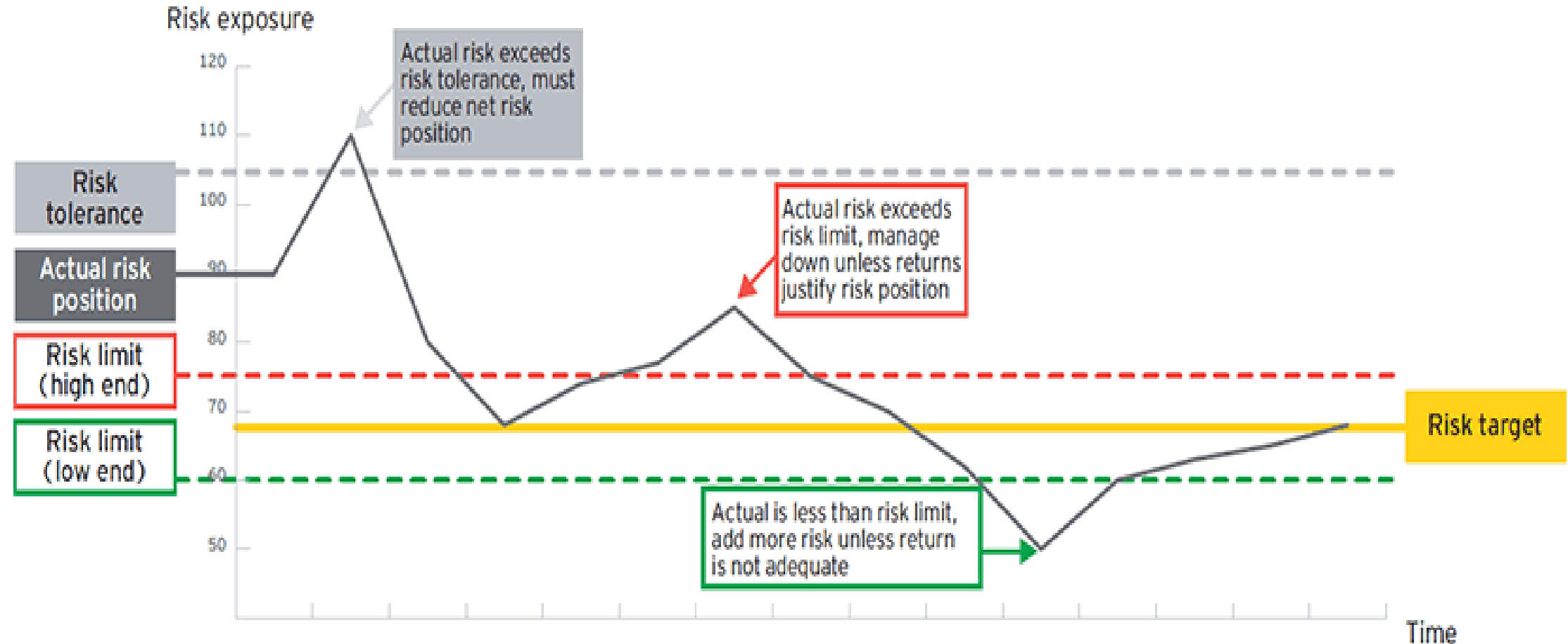
# Risk Appetite & Risk Tolerance

- **Risk appetite** is a broad-based description of the desired level of risk that the organisation is willing to take in pursuit of its strategy objective
- **Risk Tolerance** reflects the acceptable variance in the outcomes related to the strategic action taken – ability to tolerate downside risk



# Risk Appetite & Risk Tolerance

Risk appetite/tolerance/target example



# Risk Register

| <b>RISK REGISTER</b> |                                     |                                  |               |                                     |                     |                   |                                          |
|----------------------|-------------------------------------|----------------------------------|---------------|-------------------------------------|---------------------|-------------------|------------------------------------------|
| <b>Risk ID #</b>     | <b>Risk Statement (Description)</b> | <b>Probability of Occurrence</b> | <b>Impact</b> | <b>Score (Probability x Impact)</b> | <b>Risk Trigger</b> | <b>Risk Owner</b> | <b>Planned Response(s) (Description)</b> |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |
|                      |                                     |                                  |               |                                     |                     |                   |                                          |

# Risk Register - Content

When documenting a risk assessment record the following information within the risk register:

- A description of the risk (setting the context)
- Causes or contributing factors
- Consequences of the risk – actual or potential
- Current controls in place that help manage the risk
- An assessment of the likelihood and consequence based on current or existing controls to rate each risk
- Actions or treatments needed to address the risk
- Progress updates as the treatments are implemented
- Results from monitoring and review, including effectiveness of controls



# Risk Register - Value

By formally recording risks the benefits to the organisation are:

- **commit to continuous learning;**
- **obtain benefits for reusing information for management purposes;**
- **minimise costs & efforts of creating & maintaining records;**
- **maximise access & retrieval of information; and**
- **comply with retention periods; and recognise the sensitivity of the information.**



# Treatment of Risk

Risk treatment takes place in two distinctive contexts:

- **Proactive context** - where an organisation has successfully integrated risk management into a system of management. Risk treatment is integral to and effectively indistinguishable from decision-making. Therefore, at the time a decision is finalised the risk created by the decision will be within the organisation's risk criteria.
- **Reactive context** - the organisation is looking retrospectively at the risk created by decisions taken and implemented previously, and so any risk treatments found necessary will be remedial in nature.



# Treatment of Risk

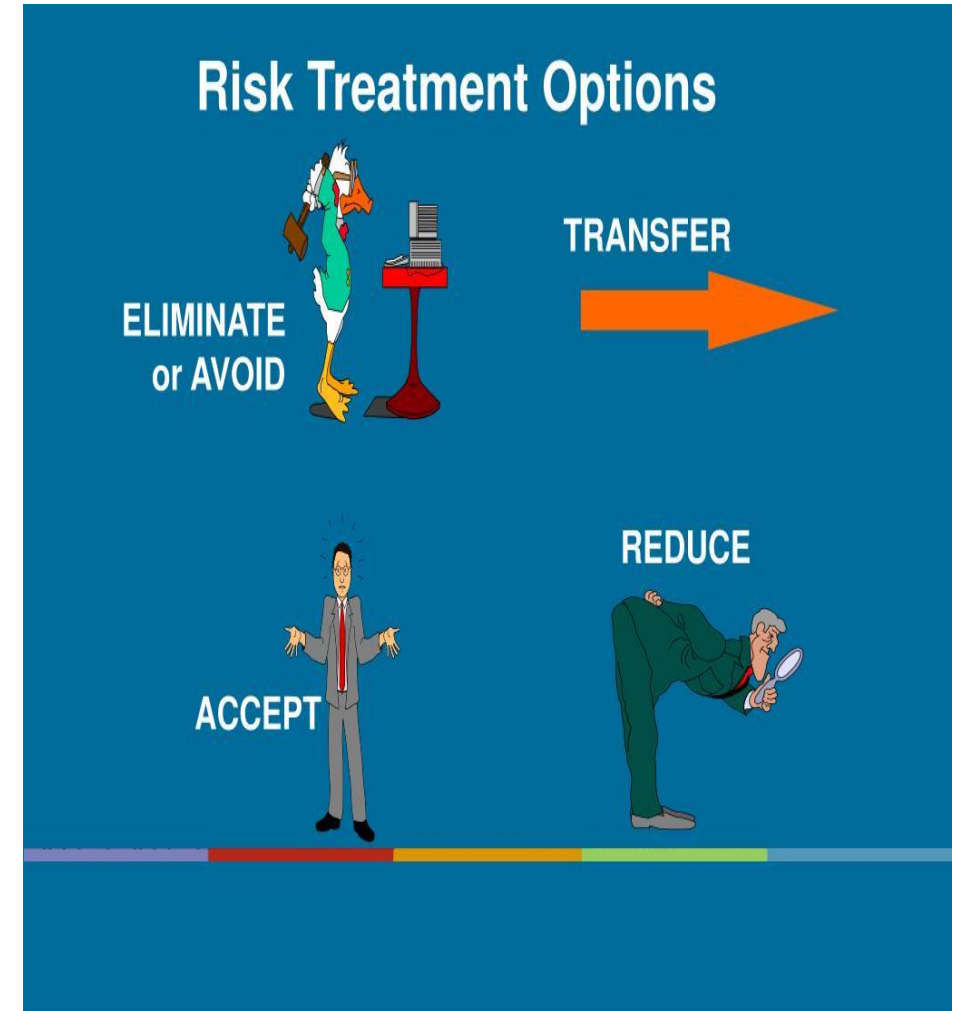
- Treatment of risk ensures that effective strategies are in place to minimise the frequency and severity of the identified risk - develop actions and implement treatments that aim to manage, control or mitigate the risk.
- Treatment options not applied to the source or root cause of a risk are likely to be ineffective and promote a false belief within the organisation that the risk is controlled.



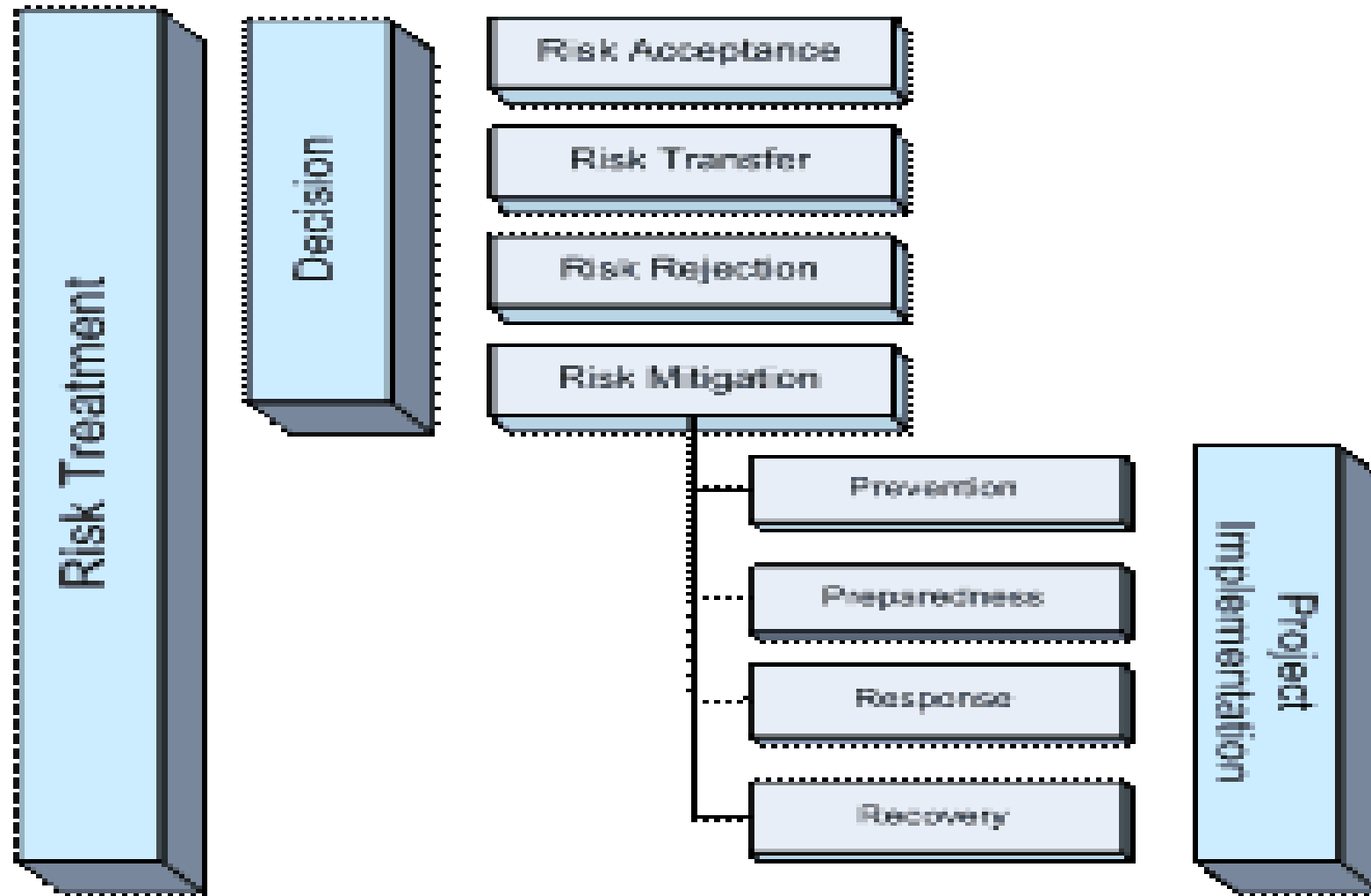
# Treatment of Risks

## Risk treatment options:

- Avoid the risk by not starting or continuing an activity
- Take or increase risk in order to pursue an opportunity
- Remove the risk source
- Change the likelihood
- Change the consequence
- Share the risk e.g. through Insurance, contracts, financing
- Retain the risk by informed decision



# Treatment of Risk



# Brain Teaser #9

**SME owners usually conclude that it is often too costly to mitigate risks and are therefore willing to accept risks and deal with the consequences.**



**Discuss the circumstances under which risks may be accepted.**

# Treatment of Risks

A risk may be acceptable or tolerable in the following circumstances:

- No treatment is available
- Treatment costs are prohibitive (particularly relevant with lower ranked risks)
- The level of risk is low and does not warrant using resources to treat it
- The opportunities involved significantly outweigh the threats

A risk is regarded as acceptable or tolerable if the decision has been made not to treat - does not imply that the risk is insignificant.

**Throw off the bowlines,  
Sail away from the safe harbor,  
Catch the tradewinds in your sails.  
  
Explore. Dream. Discover.**

-- Mark Twain

# Treatment of Risks



# Treatment of Risks

## Acceptance/Retention

If, after controls are put in place, the residual risk is deemed acceptable. However, plans should be put in place to manage/fund the consequences of the risk should it occur.

## Reduction

Implement a strategy that is designed to reduce the likelihood or consequence of the risk to an acceptable level, where elimination is considered to be excessive in terms of time or expense.

## Risk Treatment

## Share/Transfer

Implement a strategy that shares or transfers the risk to another party, such as outsourcing the management of physical assets, developing contracts with service providers or insuring against the risk.

## Avoidance

Deciding not to proceed with the activity that introduced the unacceptable risk, choosing an alternative more acceptable activity that meets business objectives, or choosing an alternative less risky approach or process.

# Treatment of Risk – Developing a Plan

**Determine the level of treatment plans required for each risk level that have improvement opportunities. Effective risk treatment relies on attaining commitment from key stakeholders and developing realistic objectives and timelines for implementation.**

**For each risk identified in the risk assessment, detail the following:**

- **Specify the treatment option agreed - avoid, reduce, share/transfer or accept.**
- **Document the treatment plan - outline the approach to treat the risk. Any relationships or interdependencies with other risks should also be highlighted.**
- **Assign an appropriate owner - who is accountable for monitoring and reporting on progress of the treatment plan. Where the plan owner and the risk owner are different, the risk owner has ultimate accountability for implementing the plan.**
- **Specify a target resolution date - where risk treatments have long lead times, consider the development of interim measures.**

# Treatment of Risk - Implementation

The treatment plan owner is responsible for coordinating activities that ensure risk treatments are implemented. The owner may not be directly responsible for implementing the risk treatment plans, however, they are responsible for ensuring that plans are completed within the expected timeframe.

**When implementing a treatment plan, consider how the initiatives will be supported:**

- **Firm structure – Is there a need for any change to structure or delegations of responsibilities to support the risk treatment plan?**
- **Financing - If the budget for control improvement is constrained, should there be a process to prioritise controls with the greatest need or cost benefit?**
- **Resource availability - Does the firm have sufficient physical, human or financial resources to implement the risk treatment plan?**
- **Communication with stakeholders - Does the firm need to commence briefing sessions to inform stakeholders as to what changes are required and why?**

# Treatment of Risk - Implementation

For each risk identified in the risk assessment, detail the following:

- **Monitoring mechanisms and review points** - The treatment plan owner should specify the mechanisms by which implementation will be monitored. This may include indicators to determine if the risk is increasing or decreasing. Successful implementation will usually be linked to business planning activities and will be reviewed regularly at meetings.
- **Status of the treatment plan** - the status of the treatment plan is either 'open' for in progress or 'closed' when implementation has been completed. If the status is closed and the risk has been eliminated, it may be removed from the current risk register into a closed items register. Where a risk is not eliminated, it should be retained in the current register and if another treatment plan is required this should be agreed or, if no other action is possible, the treatment agreed could be to accept and monitor the risk.

| RISK IDENTIFICATION                               |        | RISK TREATMENT                                                                                                                                                                                                                                                                                                                               |                |            |
|---------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Event                                             | Action | Plan                                                                                                                                                                                                                                                                                                                                         | Risk Owner     | Resolve by |
| Failure to meet compliance obligations            | AVOID  | Implement formal compliance monitoring process:<br>1. Identification of compliance requirements<br>2. Identification of system or tool to manage compliance requirements<br>3. Monthly review of compliance requirements to ensure there have been no material compliance breaches.                                                          | Practitioner   | 30-Sep-12  |
| Loss of Risk Practitioner                         | REDUCE | Implement succession plan:<br>1. Put in place power of attorney arrangements<br>2. Document key processes<br>3. Put in place a key client management system to ensure adequate documentation is maintained for key clients<br>4. Adequately train a secondary level of management and/or identify a potential candidate for partner.         | Practitioner   | 31-Oct-12  |
| Failure to collect receivables in a timely manner | REDUCE | Implement receivables tracking and debtor follow-up process:<br>1. Identify requirements to track receivables, consider such things as payment terms and conditions<br>2. Develop process to track aged debtors/receivables and supporting requirements including system reports<br>3. Consider monitoring requirements including frequency. | Office Manager | 15-Sep-12  |

# Monitoring & Evaluation of Risks

- **Monitor changes to the source and context of risks, the tolerance for certain risks and the adequacy of controls. Ensure processes are in place to review and report on risks regularly.**
- **To ensure structured reviews and regular reporting occurs and each area is encouraged to identify a process that allows key risks within their area to be monitored.**
- **Given the diverse and dynamic nature of the business environment, it is important to be alert to emerging risks as well as monitoring known risks.**



# Monitoring & Evaluation of Risks

## Continuous monitoring:

Once risks have been identified, recorded, analysed, and the agreed treatments have been implemented, an appropriate monitoring and reporting regime needs to be established to provide assurance that the treatment has been effective and now helps to control the risk. Some risk treatments will of course become embedded into daily practices and methods of work. The frequency of review will depend on the risk rating, the strength of controls and the ability to effectively treat the risk.



# Monitoring & Evaluation of Risks

## Departmental / Entity Management review:

**Managers need to ensure there is a process for reviewing risk profiles and activities in their area of responsibility. Wherever possible, risk management should become an agenda item on management meetings or committees and avoid the need for separate processes. The aim of regular review is to identify when new risks arise, and to monitor existing risks to ensure that treatments or controls are still effective and appropriate. How frequently a review process and reporting cycle occurs will depend on the risk appetite and level of risk tolerance but local management review is required.**



# Monitoring & Evaluation of Risks

## Internal audit:

The organisation's internal audit program provides for a review of systems, policies and process assurance and compliance. The auditors apply a risk-based approach to the audit program and help bring a measure of independence and external perspective to the organisation Risk Management Framework.

## External audit:

That external audit covers financial, governance, contracting, IT and risk management systems and processes. Management and staff may be required to respond to the risk management activities involved with these audits. Other audits occur from time to time and are imposed through contracts, compacts, and regulation.

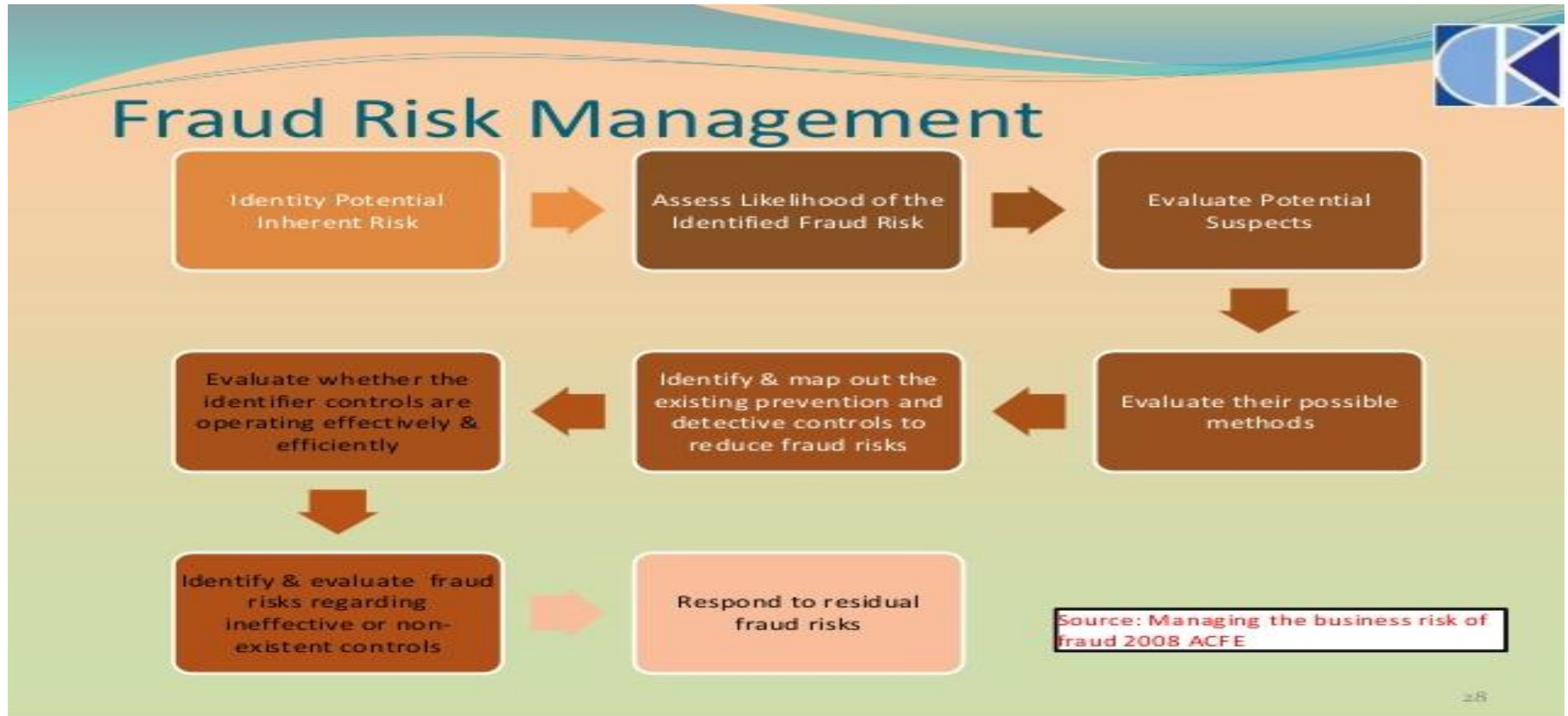


# Corruption & Fraud Risk Management



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# Corruption & Fraud Risk Management

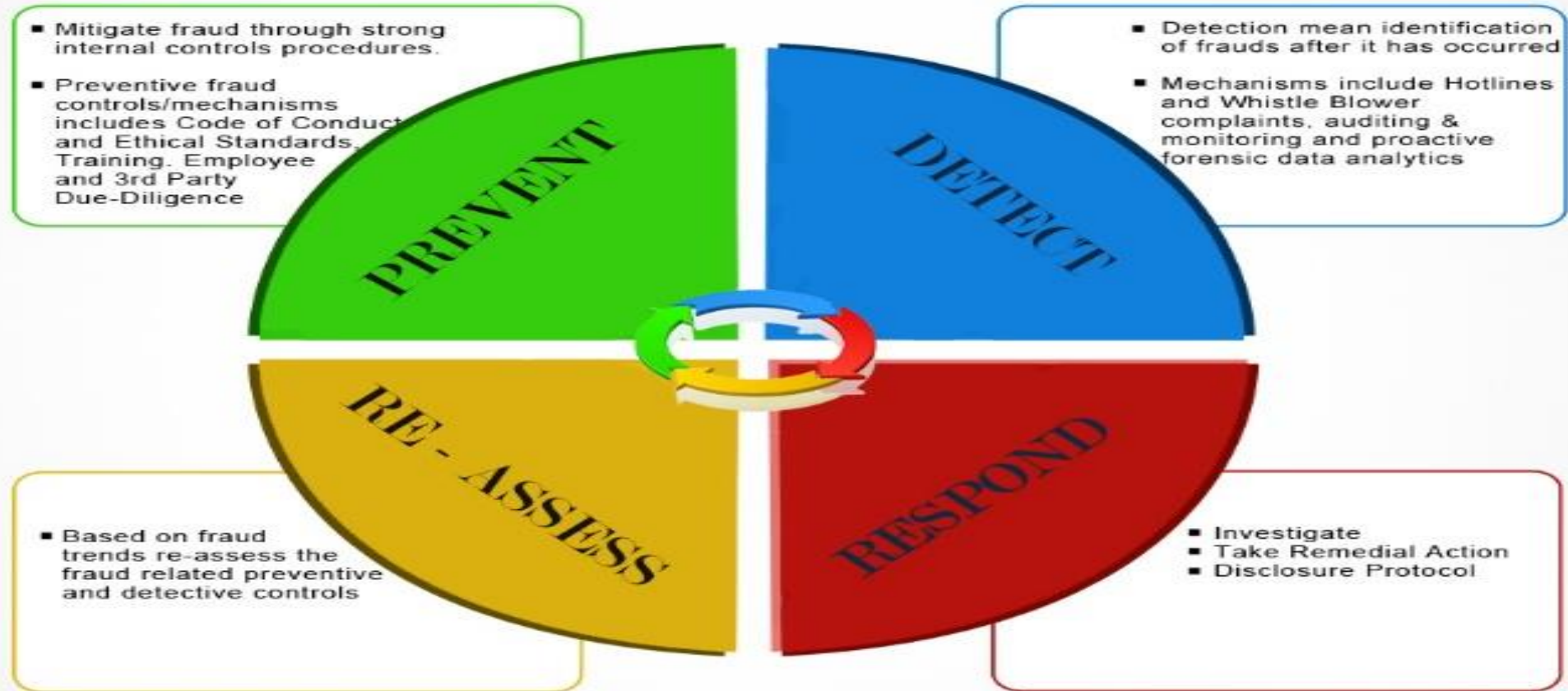


# Corruption & Fraud Risk Management

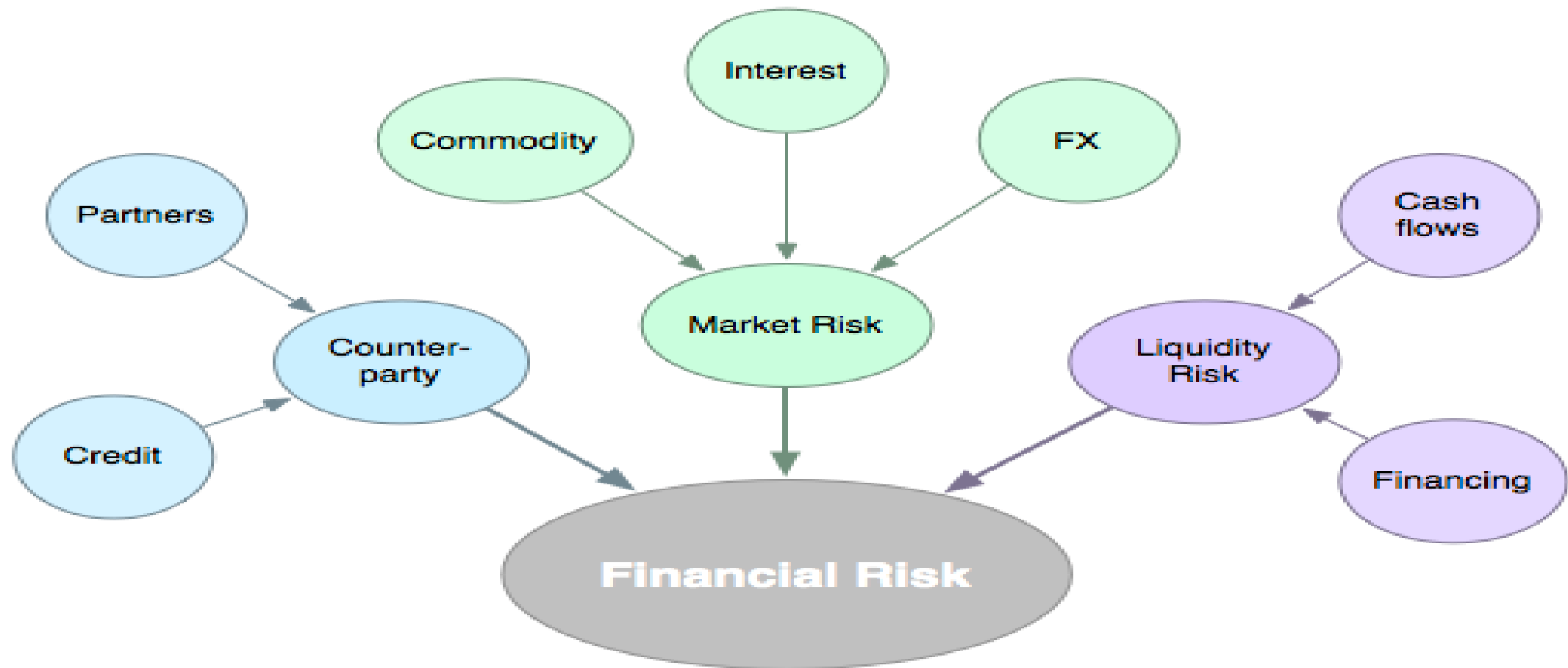
## An Approach to Fraud Risk Management – The Anti-fraud Roadmap



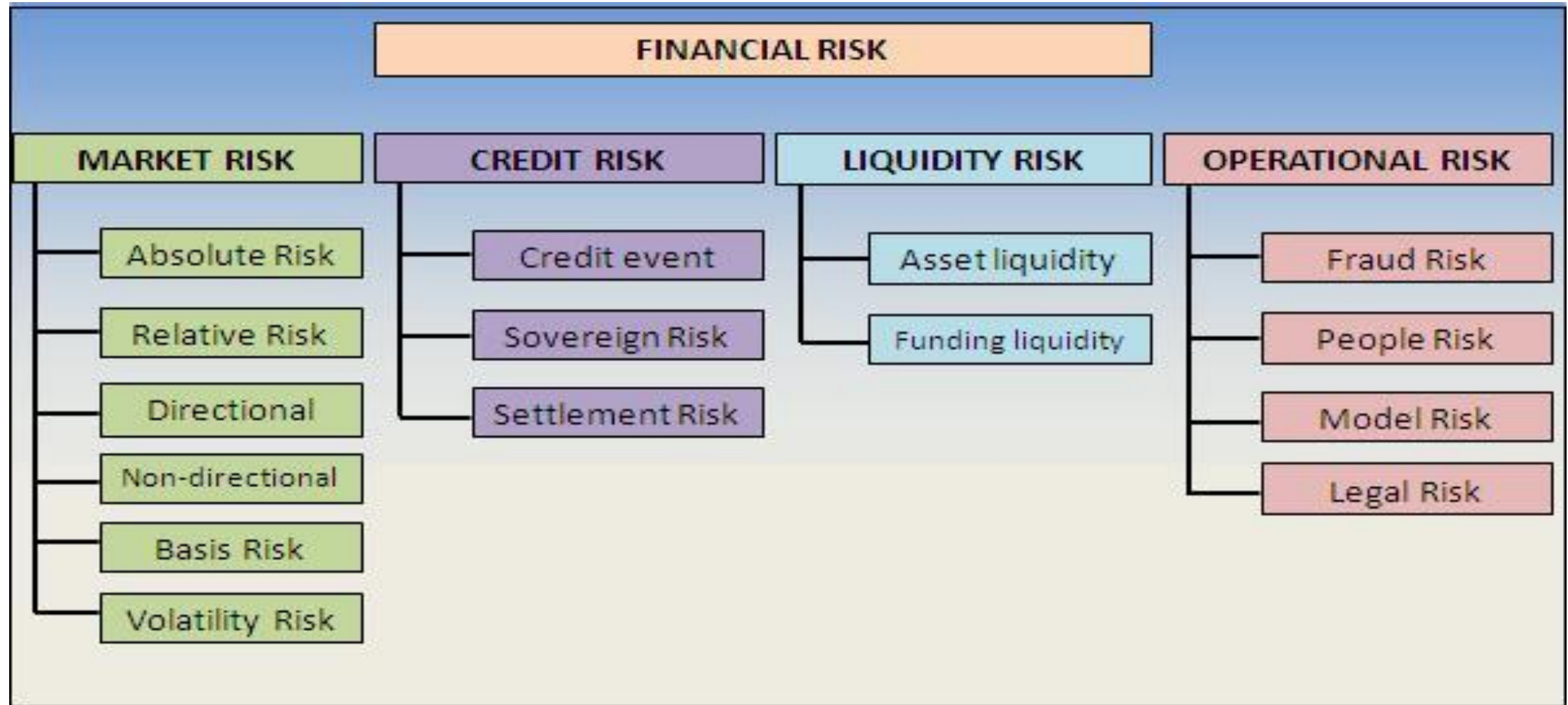
# Corruption & Fraud Risk Management



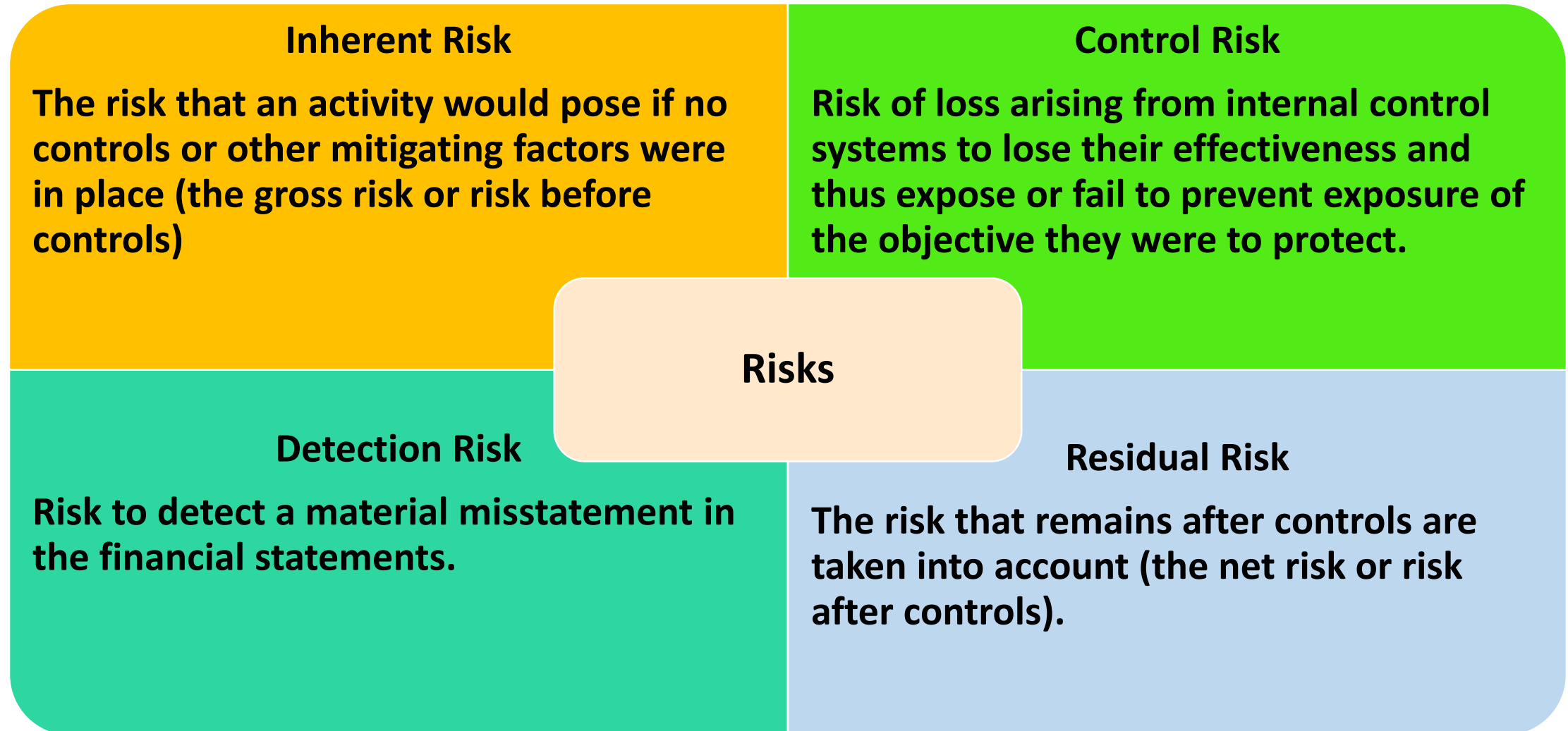
# Financial Risk



# Financial Risk



# Types of Risks



# Financial Statement - Risk

- Financial statement risk is defined as the risk that financial statements may be materially misstated and thus does not satisfy the qualitative characteristics of financial statements as per the Accounting Framework standard.
- Financial statement risk implies that the financial statements may not in whole or part fairly represent the financial performance and position of the business and therefore may not be considered to be reliable.



# Some Advice on Risk

## Entrepreneurs' risk taking behavior

- Risk taking is a skill need to be learned
- Do not fear to take calculated or moderate risks
- Do not take risks unnecessarily
- Perceive risk as opportunity rather than as threat
- Perceive risk as challenge that triggers them to behave entrepreneurially

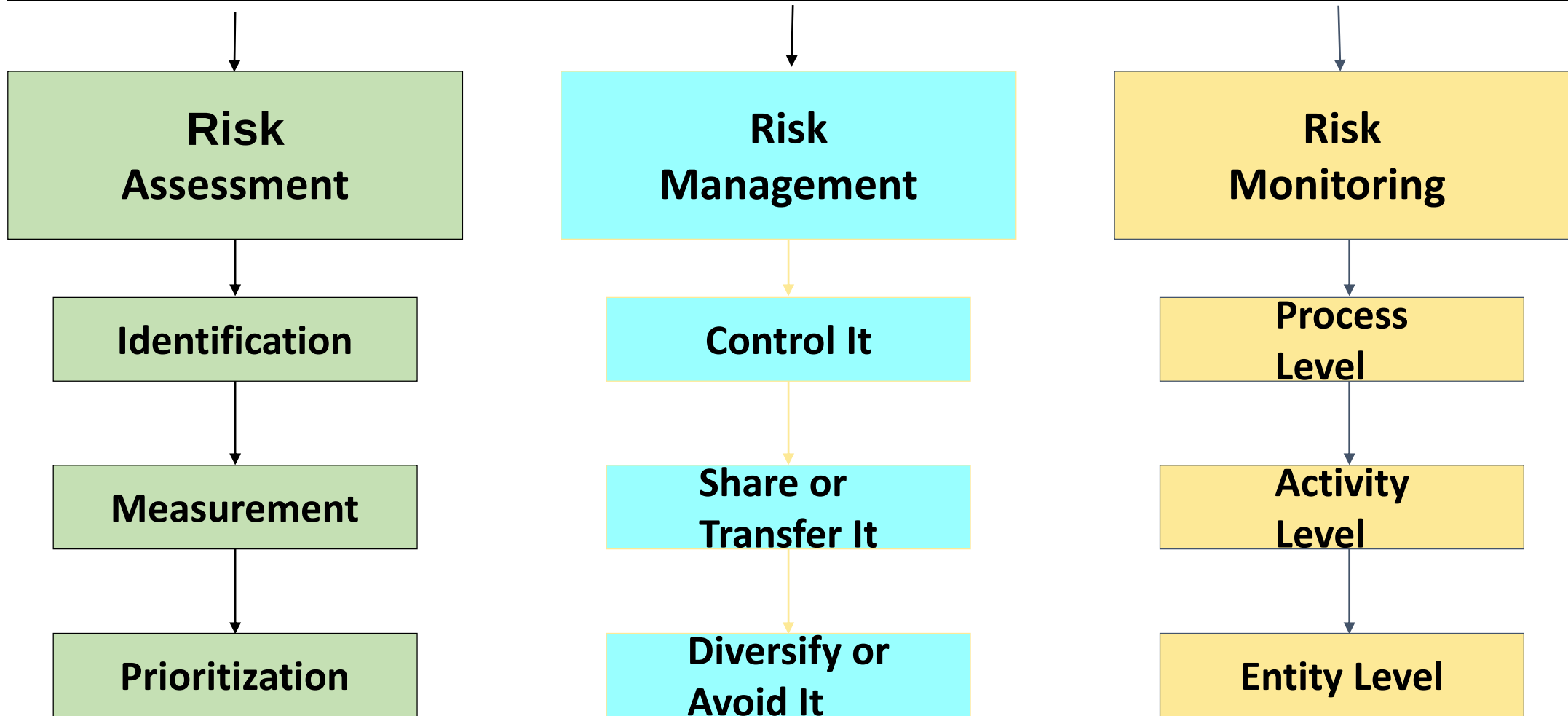


APT 2013

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21

# Summary – Risk Management





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