Risks

Planning

Perform Risk Analysis

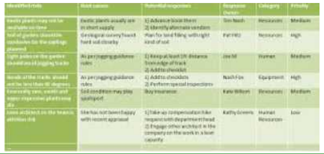
Inputs

Project management plan

- Risk management plan
- Scope baseline
- Schedule baseline
- Cost baseline

Project documents

- Assumption log
- Cost estimates
- Resource requirements
- Risk register



- Stakeholder register

Enterprise / Organization

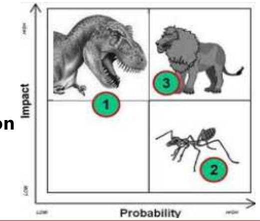
- Enterprise Environmental Factors

- Organizational Process Assets

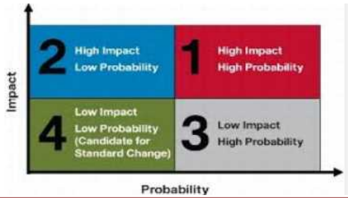
T&T

- Expert judgment

- Data gathering and analysis
  - Interviews
- Interpersonal and team skills
  - Facilitation
- Risk categorization



- Risk probability and impact assessment



- Data analysis
  - Simulations
  - Sensitivity analysis
  - Decision tree analysis
  - Infuence diagrams
- Data representation
  - Probability and impact matrix
  - Hierarchical charts

Outputs

- Project documents updates

  - Assumption log
  - Issue log
  - Risk register
  - Risk report

The process of analyzing risks using an iterative approach that may combine qualitative and quantitative risk analyses. Qualitative analysis evaluates risks based on their probability and impact throughout the project. Quantitative analysis, when required, assesses the combined effect of risks and uncertainties on project objectives.