

# Project Risk Management Overview

## 11.1 Plan Risk Management

- .1 Inputs
  - .1 Project management plan
  - .2 Project charter
  - .3 Stakeholder register
  - .4 Enterprise environmental factors
  - .5 Organizational process assets
- .2 Tools & Techniques
  - .1 Analytical techniques
  - .2 Expert judgment
  - .3 Meetings
- .3 Outputs
  - .1 Risk management plan

## 11.4 Perform Quantitative Risk Analysis

- .1 Inputs
  - .1 Risk management plan
  - .2 Cost management plan
  - .3 Schedule management plan
  - .4 Risk register
  - .5 Enterprise environmental factors
  - .6 Organizational process assets
- .2 Tools & Techniques
  - .1 Data gathering and representation techniques
  - .2 Quantitative risk analysis and modeling techniques
  - .3 Expert judgment
- .3 Outputs
  - .1 Project documents updates

## 11.2 Identify Risks

- .1 Inputs
  - .1 Risk management plan
  - .2 Cost management plan
  - .3 Schedule management plan
  - .4 Quality management plan
  - .5 Human resource management plan
  - .6 Scope baseline
  - .7 Activity cost estimates
  - .8 Activity duration estimates
  - .9 Stakeholder register
  - .10 Project documents
  - .11 Procurement documents
  - .12 Enterprise environmental factors
  - .13 Organizational process assets
- .2 Tools & Techniques
  - .1 Documentation reviews
  - .2 Information gathering techniques
  - .3 Checklist analysis
  - .4 Assumptions analysis
  - .5 Diagramming techniques
  - .6 SWOT analysis
  - .7 Expert judgment
- .3 Outputs
  - .1 Risk register

## 11.5 Plan Risk Responses

- .1 Inputs
  - .1 Risk management plan
  - .2 Risk register
- .2 Tools & Techniques
  - .1 Strategies for negative risks or threats
  - .2 Strategies for positive risks or opportunities
  - .3 Contingent response strategies
  - .4 Expert judgment
- .3 Outputs
  - .1 Project management plan updates
  - .2 Project documents updates

## 11.3 Perform Qualitative Risk Analysis

- .1 Inputs
  - .1 Risk management plan
  - .2 Scope baseline
  - .3 Risk register
  - .4 Enterprise environmental factors
  - .5 Organizational process assets
- .2 Tools & Techniques
  - .1 Risk probability and impact assessment
  - .2 Probability and impact matrix
  - .3 Risk data quality assessment
  - .4 Risk categorization
  - .5 Risk urgency assessment
  - .6 Expert judgment
- .3 Outputs
  - .1 Project documents updates

## 11.6 Control Risks

- .1 Inputs
  - .1 Project management plan
  - .2 Risk register
  - .3 Work performance data
  - .4 Work performance reports
- .2 Tools & Techniques
  - .1 Risk reassessment
  - .2 Risk audits
  - .3 Variance and trend analysis
  - .4 Technical performance measurement
  - .5 Reserve analysis
  - .6 Meetings
- .3 Outputs
  - .1 Work performance information
  - .2 Change requests
  - .3 Project management plan updates
  - .4 Project documents updates
  - .5 Organizational process assets updates

Figure 11-1. Project Risk Management Overview