Advanced Project Feasibility and Decision Analysis Course

1 – 5 August 2027
Johannesburg

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Training Center

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Advanced Project Feasibility and Decision Analysis Course

Ref: 969_173887 **Date:** 1 – 5 August 2027 **Location:** Johannesburg **Fees:** 4500 Euro

Overview

Advanced Project Feasibility and Decision Analysis Course is a 1-week advanced course for project sponsors, investment analysts, business planners, strategy teams, and decision-makers who leave with an Integrated Feasibility Decision Pack. Participants combine market feasibility, technical feasibility, operational feasibility, financial analysis, legal constraints, schedule feasibility, risk evaluation, options appraisal, and sensitivity analysis into a defensible recommendation. Agile Leaders Training Center delivers this course on project feasibility and decision analysis.

Who Should Attend

- Teams responsible for screening investment and project proposals.
- Functions responsible for business planning and strategic options.
- Professionals responsible for financial modeling and investment appraisal.
- Leaders responsible for technical, operational, and delivery assurance.
- Decision bodies responsible for approving, modifying, or stopping initiatives.

The course assumes participants evaluate proposals or contribute evidence to investment decisions and leaves out introductory accounting and basic project scheduling.

Departments and Industries

The course supports feasibility decisions across private investment, public services, infrastructure, technology, manufacturing, and healthcare.

- Strategy and business development
- Finance and investment analysis
- Project development and portfolio governance
- Engineering, operations, and technology
- Infrastructure, manufacturing, healthcare, and service organizations

Learning Objectives

By the end of this course, participants will be able to:

- Analyze proposal objectives, boundaries, assumptions, and evidence needs.
- Apply market, technical, operational, legal, and schedule feasibility tests.
- Build an integrated financial feasibility model.
- Compare options using stated criteria and tradeoffs.
- Evaluate uncertainty through scenario and sensitivity analysis.
- Build a defensible proceed, modify, or stop recommendation.

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Course Agenda

Day 1: Decision Scope and Evidence

- Feasibility Decision Question Canvas
- Project Boundary and Option Definition Method
- Stakeholder Requirement and Constraint Matrix
- Assumption, Source, and Evidence Register
- Data Quality and Bias Review Checklist

Day 2: Market and Delivery Feasibility

- Market Demand Triangulation Method
- Competitive and Substitute Option Map
- Technical Capability and Dependency Assessment
- Operational Readiness Gap Matrix
- Legal and Schedule Constraint Screen

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Day 3: Financial Feasibility Model

- Revenue, Cost, and Cash Flow Assumption Model
- Discounted Cash Flow Structure
- Net Present Value and Internal Rate of Return Analysis
- Payback and Break-Even Evaluation
- Financial Model Integrity Checklist

Day 4: Options, Risk, and Recommendation

- Weighted Options Appraisal Matrix
- Feasibility Risk and Response Register
- Scenario Analysis and Tipping-Point Test
- Sensitivity Analysis and Critical Assumption Map
- Proceed, Modify, or Stop Decision Framework

Day 5: Feasibility Decision Practice

- Suggested Exercise: Evidence and Assumption Challenge
- Suggested Exercise: Market and Delivery Feasibility Review
- Suggested Exercise: Financial Model Stress Test
- Suggested Exercise: Options and Risk Panel
- Capstone Exercise: Integrated Feasibility Decision Pack

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Practical Exercises

The course uses suggested activities to integrate evidence, models, uncertainty, and decision logic.

- Suggested activity: test demand evidence and operating assumptions for a digital service proposal.
- Suggested activity: compare technical and delivery options for an infrastructure investment.
- Suggested activity: stress a manufacturing proposal through cash-flow, scenario, and sensitivity tests.
- Suggested activity: present a healthcare initiative recommendation with conditions, risks, and decision triggers.

FAQs

Who suits project feasibility and decision analysis training, and what does it assume?

Project sponsors, analysts, planners, strategy teams, and decision-makers suit the training. It assumes responsibility for evaluating proposals or contributing evidence and excludes introductory accounting and basic scheduling.

How does project feasibility analysis differ from business case writing?

Project feasibility analysis tests whether options are viable across market, technical, operational, financial, legal, schedule, and risk dimensions; business case writing organizes the rationale, benefits, costs, and recommendation for governance approval.

Which assumptions matter most in a feasibility decision?

The most influential assumptions usually concern demand, price, cost, capacity, technology, operating readiness, delivery timing, legal constraints, funding, and risk responses; their importance must be tested rather than presumed.

How does sensitivity analysis strengthen feasibility evaluation?

Sensitivity analysis reveals which assumptions change the conclusion, identifies tipping points, exposes fragile options, and helps decision-makers set conditions or information requirements before committing resources.

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What makes a feasibility recommendation defensible?

A defensible recommendation links verified evidence, transparent assumptions, comparable options, model outputs, uncertainty tests, risks, conditions, and decision criteria to a clear proceed, modify, defer, or stop conclusion.

Conclusion

Participants take back an Integrated Feasibility Decision Pack containing the decision scope, evidence register, feasibility tests, financial model, options appraisal, risk analysis, and recommendation. It makes assumptions and tradeoffs visible before resources are committed. It supports consistent decisions across commercial, technical, operational, and public-service proposals.