



FM091: Project Finance & Financial Analysis Techniques for Infrastructure Projects (Analysis Related to Project Planning)

Training Description:

Infrastructure projects by their very nature require substantial capital and offer considerable benefits and risks. It is therefore essential to understand the latest techniques to analyse and finance such projects. This course provides you with the essential knowledge and skills to analyse infrastructure projects in order to meet national and organisational objectives in an effective and sustainable manner. These skills will be developed through the Analysis of Infrastructure Case Studies relevant to your organisation.

The training course will highlight:

- Issues facing government and organisations as they seek to develop their infrastructure, for example Meeting Saudi National Transformation Program and Vision 2030
- The Analysis & Evaluation of Case Studies from various sectors including Energy, Transportation, ICT, Environmental, Social Infrastructure & Public Accommodation
- Knowledge and Skills Development to ensure tangible benefits for your organisation
- The latest International Analytical Tools & Techniques
- The latest methods of Financial Analysis & Evaluation

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Evaluate Infrastructure Projects to meet National and Organisational Objectives
- ✓ Undertake, Technical, Economic, Financial & Risk Analysis
- ✓ Forecasting Project Cashflows, Income, Costs & Duration
- ✓ Evaluate the Financing of Projects
- ✓ Undertake Financial Evaluation of Projects to determine their Financial & Economic Viability and sustainability

Training Designed for:

This course is intended to a wide range of professionals but will greatly benefit those individuals whose working as a New & Experienced Supervisors, Team Leaders & Line Managers, Projects & Process Engineers & Managers, Finance Managers & Professionals and Professional at all levels involved in Projects.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

This training course is available upon request in English or Arabic, virtual online live or face to face public/inhouse. Content, location and duration can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

- ❖ Introduction
- ❖ Infrastructure Projects & Project Finance
 - Major Infrastructure Projects



- Selecting Projects to meet National and Organisational Objectives
- What is Project Finance?
- Special Purpose Vehicle (SPV) & Parties to Project Finance Schemes
- The Investment Criteria & The Investment Planning Process

DAY TWO:

❖ Infrastructure Project Appraisal

- Technical, Feasibility & Environmental Analysis
- Economic Analysis & Sustainability
- Financial Analysis
- Risk Analysis
- Cost–Benefit Analysis – Finance V Economic Value Added

DAY THREE:

❖ Estimating Cash Flows - Income; Costs and Activity Duration

- Forecasting Project Cashflows
- PERT – dealing with Uncertainties
- Probabilistic/Statistical Analysis
- Correlation & Regression to estimate costs
- Evaluation & Analysis of Cashflows using Spreadsheet Skills

DAY FOUR:

❖ Financing the Project

- The Structure of Project Finance Schemes for Infrastructure Projects
- Equity & Debt Financing
- Recourse & Non-recourse Finance
- Bonds; Guarantees and Letters of Credit
- Calculating the Cost of Finance

DAY FIVE:

❖ Financial Analysis & Evaluation

- Return on Equity ROE; Debt Service Coverage Ratios (DSCRs); Governments and Value for Money (VfM)
- Capital Investment Appraisal Techniques - Payback; ARR, NPV, IRR etc.
- Economic NPV & Economic Value Added
- Sensitivity Analysis & Simulation Analysis
- Financial Risk Management

❖ Course Conclusion

❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

USD\$ - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 15:00	Last Session

For training registrations or in-house enquiries, please contact:

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