



IM017: Investment Strategies in Water and Power Infrastructure

Training Description:

This comprehensive five-day training course provides participants with a **deep understanding of investment strategies, risk assessment, financial modeling, regulatory environments, and sustainable practices** in the **water and power infrastructure sectors**. The training course covers both traditional and innovative financing models, PPPs, and ESG-integrated investment approaches. Participants will gain the knowledge and skills necessary to analyze, structure, and manage investment opportunities in these capital-intensive and strategically critical sectors.

Training Objectives:

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

- ✓ Understand global trends and challenges in water and power infrastructure investments
- ✓ Evaluate investment opportunities using financial and economic models
- ✓ Navigate the regulatory and policy landscape for utilities
- ✓ Structure effective public-private partnerships (PPPs)
- ✓ Integrate ESG and sustainability factors into infrastructure investments
- ✓ Apply risk management strategies tailored for water and power sectors

Training Designed for:

This training course is intended for Infrastructure investors and fund managers, Utility sector professionals and engineers, Government and municipal planners, Project finance professionals and bankers, Financial analysts and advisors, Investment officers in sovereign wealth and pension funds, Legal and regulatory consultants involved in infrastructure and Sustainability and ESG officers.

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.”

Contents 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:

- ❖ **Foundations of Investment in Water & Power Infrastructure**
 - Introduction to the infrastructure investment landscape
 - Key components of water and power infrastructure systems
 - Economic significance and global demand trends
 - Capital requirements and sources of finance
 - Investment lifecycle in infrastructure
 - Case studies of successful infrastructure investments

DAY TWO:

- ❖ **Financial Analysis & Investment Modeling**
 - Financial metrics: IRR, NPV, Payback, DSCR

- Revenue models: tariff-based, availability payments, consumption-linked
- Cost estimation and O&M projections
- Cash flow modeling for water and power projects
- Scenario analysis and sensitivity testing
- Spreadsheet-based modeling workshop

DAY THREE:

❖ Risk Management and Regulatory Frameworks

- Types of risks: political, regulatory, construction, demand, currency
- Legal and policy frameworks: licenses, concessions, tariffs
- Role of regulators and government oversight
- Risk mitigation techniques: insurance, guarantees, hedging
- Contract structures and risk allocation in PPPs
- International case studies of regulatory success and failure

DAY FOUR:

❖ Financing Structures & Public-Private Partnerships (PPP)

- Infrastructure financing options: debt, equity, blended finance
- Institutional investors, development banks, export credit agencies
- PPP models: BOT, BOO, DBFO, concessions
- Procurement processes and project bankability
- PPP contract structures and negotiation issues
- Group exercise: Structuring a PPP for a water or power project

DAY FIVE:

❖ Sustainable and ESG-Aligned Investment Strategies

- ESG trends in infrastructure investment
- Climate risks and resilience in water and power sectors
- Green bonds and sustainability-linked loans
- ESG risk assessments and rating methodologies
- Stakeholder engagement and social impact
- Final case study: Designing an ESG-integrated investment proposal

❖ 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\$ 4,500 (Dubai) - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Group and Corporate Discounts:

- We offer group and corporate discounts on many courses. These discounts are available for clients who want to maximize their return on investment.

Individual Discounts:

- We offer individual discounts on many courses for people who are self-sponsored and make their payment in full and upfront at the time of registration

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 - 14:00	Last Session

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

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