

# FUNDAMENTALS OF INFRASTRUCTURE PROJECT FINANCE

## ONLINE COURSE

MAY 7 — JUNE 20, 2008



## SIX MODULES OVER SIX WEEKS

### COURSE HIGHLIGHTS:

- Understand the principles of project finance and key structuring mechanisms
- Explore best practices in conducting financial, economic, and technical feasibility studies for bankable project finance transactions
- Examine key project finance structures such as BOO/BOT, concessions, and other variants
- Master the art of risk identification, mitigation, and allocation among parties involved in a project finance transaction
- Learn from real life project finance experiences
- Participate in online group discussions with participants from around the globe
- Develop your own infrastructure project finance *Action Plan* to implement on-the-job
- Take this valuable and pioneering "Introductory Project Finance" course right from your home or business, on your schedule and at your pace

### REGISTER ONLINE!

[www.ip3.org](http://www.ip3.org)

*"Understanding project finance is the key ingredient to being able to identify and analyze viable public-private partnership opportunities."*

*"This online course will help you in understanding those fundamental elements."*

*Ned White*

*PPP Project Finance Specialist*

Course Sponsor



The Institute for  
Public-Private Partnerships



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## COURSE LEARNING OBJECTIVES

To assist governments, utilities, project lenders, and project developers to better identify, analyze, negotiate, and close infrastructure investment transactions, IP3 has designed a foundation online course titled *Fundamentals of Infrastructure Project Finance*. The course offers participants an introduction to project finance and instruction on project finance structures, modeling examples, risk mitigation strategies, and procurement.

This course contains six modules, each module conducted over a six-week period of time. Participants will be responsible for completing reading assignments, analyzing case studies, actively participating in discussion boards and chat rooms with fellow participants and the course instructor, and completing an action plan.

Participants will need access to a computer with Internet connectivity. Course work is approximately 5-6 hours per module.

### COURSE CONTENT

#### Module I: Introduction to Infrastructure Project Finance

- Global trends in the project finance market in infrastructure (energy, telecom, water, sewer, solid waste, and transport)
- Requirements for successful project finance transactions
- Understanding the economic foundations of an infrastructure project

#### Module II: Techniques of Project Finance Structuring: Risk Mitigation, Consortium Building, and Security Packages

- Feasibility study requirements: economic, financial, social, legal/regulatory, and technical criteria
- Identification and analysis of infrastructure project risks
- Building the right consortium for a BOO/BOT or concession infrastructure project
- The security package of project agreements
- Foundations and fundamentals of a concession agreement: legal considerations

#### Module III: Effective Financial Analysis for Project Finance

- Net present value (NPV), financial internal rate of return (FIRR), modified internal rate of return (MIRR), benefit-cost ratio, and payback periods
- Determining the rate of return for a project
- Discount rates and comparable project analysis
- Understanding financial statements

#### Module IV: Credit Enhancement Techniques and Innovations in Project Finance

- International co-financing techniques
- Securitization techniques in project financing
- Innovations in currency, interest rate, and commodity risk management
- Provisions of mezzanine financing or equity financing for an infrastructure project

#### Module V: Institutional Requirements to Structure Bankable Project Finance Transactions

- Capacity requirements necessary to conduct feasibility studies, risk allocation, and financial modeling and rationale for PPP Units
- Using a PPP Unit to structure, promote, and monitor viable project finance transactions; institutionalize the procurement process; and serve as a communication tool

#### Module VI: Legal and Regulatory Framework for Project Finance

- The role of regulation and a regulatory framework
- Creating effective procurement procedures
- Dispute resolution mechanisms
- Contract compliance and performance monitoring

Case Study Analysis and Action Planning in All Six Modules

### WHO SHOULD ATTEND

Government, utility, private sector, university, donor, nonprofit, and banking industry professionals who have:

- Limited or little experience in project finance
- Computer/typing skills and with reliable Internet connectivity (56K modem or higher)

### DATES & COST

DATES: MAY 7-JUNE 20, 2007

TUITION: \$750

COURSE CODE: 1810-OL

CEUs EARNED: 3.0 CEUs

### LEARN MORE ABOUT ONLINE TRAINING AT IP3!

Visit our interactive demo at [www.ip3.org/training/t\\_e\\_learning.htm](http://www.ip3.org/training/t_e_learning.htm)! Learn how IP3's online courses can deliver high performance training at very low costs for your organization. See participant testimonials!

### INSTITUTE FOR PUBLIC-PRIVATE PARTNERSHIPS (IP3)

The Institute for Public-Private Partnerships, Inc. (IP3) is an international training and consulting firm that focuses on advancing public-private partnership programs and opportunities, regulation operations and management initiatives, and competitive utility management reform in the environmental (waste/sanitation and solid waste), energy, transportation, telecommunications, technology, municipal service, health, and education sectors. Since 1994, we have trained over 25,000 professionals from over 150 countries worldwide.

For More Information and to Register:

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