

Financial modelling, engineering and regulation for infrastructure projects under PPP basis

International seminar

Targeted audience

Project managers from public and private organisations (sponsors, contractors and governments).
Financial officers and lawyers involved in project finance (banks, credit agencies...).

Objectives

- Integrate financial engineering concepts in simulation practice.
- Deepen economic and financial models with various scenarii occurring during the life cycle of a projet.

Paris	From Monday 17th to Friday 21th october 2011	Inscriptions : Tél : +331 4251 6116 Fax : +331 4251 6131	Session n°41019	3 850 €+ TVA Déjeuners inclus
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Coordination : M. Dominique SCHWARTZ / CERAS - ENPC

M. Laurent THORRANCE / *Axelcium*

Organisation: [M Florent STREIFF / Metrtech](#)

monday 17th october

Introduction to PPP projects

- Introduction to the set-up for public-private partnership projects
- Overview of the case studies

M. THORRANCE

Set-up of an economic model

- Principles for setting-up an economic model

M. SCHWARTZ

- Introduction to financial modelling on Excel spreadsheet

M. THORRANCE

- Case study n°1 : financial modelling exercise

M. THORRANCE

AXELCIUM

tuesday 18th october

Financial structuring and engineering for a project

- Introduction to the financial engineering for a PPP project

M. COHEN

BNP-PARIBAS

- Project Finance structuring

Mrs DERUE

DEXIA

- Export Finance structuring

Mrs BOURAT

SOCIETE GENERALE

- Multilateral and bilateral financing

M. BONNEL

AFD

Wednesday 19th october

Principles of Corporate finance analysis & setting-up of a financial model

- Financial analysis of a PPP project by the ratios

M. THORRANCE

- Case study n°2 : financial modelling exercise

M. THORRANCE

Cost of capital & assets valuation

- Cost of capital
- Assets valuation methods

M. COHEN

- Case study n°3 financial modelling exercise

M. THORRANCE

thursday 20th october

Introduction to regulatory engineering

- Financial mechanisms of regulation

M. SCHWARTZ

- Setting-up of a regulatory information system

M. THORRANCE

Financial regulatory exercise according to various scenarii occurring during the life cycle of a project

- Case study n°4 : financial regulation exercise
case of a negotiation during the initial structuring of a project
- Case study n°5 : financial regulation exercise
renegotiation due to changing law during the construction period

M. THORRANCE

friday 21th october

Financial regulatory exercise according to various scenarii occurring during the life cycle of a project

- Case study n°6 : financial regulation exercise
renegotiation due to modification of the demand forecasts at the start of the operating period
- Case study n°7 financial regulation exercise
renegotiation due to « external shock » : case of a devaluation

M. THORRANCE

Deepenings & assessment of the seminar

- Deepening of knowledge
- Test of validation of knowledge
- Correction of the MCQ

M. THORRANCE

Endings & evaluation of the seminar

M. LAVAL