

By the end of the seminar, the trainees will have acquired elements of knowledge and methods allowing them to :

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

Organization

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Coordination

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Inscriptions

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Targeted audience

Project managers for public and private organizations (sponsors, contractors, and governments), financial officers and lawyers involved in project finance (banks, credit agencies...)

Monday 20th October

■ 9h30 **J-Olivier LAVAL** PFC-Metratech

Opening of the seminar

■ 10h00 **Laurent THORRANCE** Axelcium

Introduction to PPP projects

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

■ 14h00 **Nathalie THEODON** Axelcium

Set-up of an economic model

- Principles for setting-up an economic model
- Introduction to financial modelling on Excel spread sheet

Tuesday 21st October

■ 9h30 **Dominique SCHWARTZ** ENPC

Project financial structuring and engineering

- Introduction to the financial engineering for a PPP project

■ 11h00 **Cédric CHATEL** Société Générale

- Project Finance structuring

■ 14h00 **Cédric CHATEL**

- Export finance structuring

■ 15h30 **Alexis BONNEL** AFD

- Multilateral and bilateral financing

Wednesday 22nd October

■ 9h30 **Nathalie THEODON**

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

- Financial analysis of a PPP project by the ratios

Capital cost and assets valuation

- Capital cost
- Assets valuation methods

■ 14h00 **Nathalie THEODON**

Introduction to regulatory engineering

- Financial mechanisms of regulation

Thursday 23rd October

■ 9h30 **Nathalie THEODON**

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

- Financial regulation exercises about :

Negotiation during the project initial structuring

Renegotiation due to changing law during the construction period

Friday 24th October

■ 9h30 **Nathalie THEODON**

- Financial regulation exercises about :

Renegotiation due to modifications of the demand forecasts at the start of the operating period

Renegotiation due to external shock : case of devaluation

■ 14h00 **Nathalie THEODON**

Study and assessment of the seminar

- Overview of knowledge
- Test to validate knowledge

■ 16h00 **Jean-Olivier LAVAL**

Evaluations and closing of the seminars

Workdays end at 5:30 pm

This seminar takes place in Maison des Ponts 15 rue de la Fontaine au Roi 75011 Paris