### **About the Conference**

#### Venue

The conference will be hosted at the premises of London Business School at Regent's Park in London, UK. London has been voted Europe's best city for business for 16 consecutive years. London is home to 75% of the Fortune 500 companies, has more international banks than any other city and accounts for 43% of the global foreign equity market. Among its cultural attractions, the city boasts 200 museums and galleries and 150 theatres. For information about LBS, life in the City and the London experience, see <a href="https://www.london.edu/theschool/londonexperience.html">www.london.edu/theschool/londonexperience.html</a>

### Fees & Registration

Academic attendee: US\$825 by April 20, \$990 thereafter (or equivalent in Euros)

Corporate presenter (one per paper): \$825 by April 20, \$990 thereafter

Corporate attendee: US\$1,650 by April 20, \$1,980 thereafter

Registration fees go up by 20% after April 20. Registration should be made online via the conference website

www.realoptions.org (Registration)

### **Important Administrative Information**

Registration fees include the conference proceedings and other materials, gifts, lunches, coffee breaks, and receptions. Substitutions (from the same organization) can be made at any time. Cancellations made in *writing* by June 1 can be refunded, except for a 15% service charge. Those not attending or canceling after June 1 are responsible for the whole fee. The organizers reserve the right to make changes to the program without notice. Only registrations paid by April 20 are guaranteed to be confirmed and be included on the official list of participants. For information on registration and other general-type conference-related inquiries contact Eugenia (tel +357 22893605; fax +357 22895030; e-mail conference.registration@realoptions.org). For information on local logistics, LBS or London contact Stefania Uccheddu (tel +44(0)207008250, e-mail succheddu@london.edu).

### Hotels, Airport/Transport

For hotels/accommodation see <a href="www.realoptions.org">www.realoptions.org</a> (Hotels). The closest international airport is Heathrow (13 miles). Closest underground station is Baker Street. For guidelines to the school and transportation details see <a href="www.london.edu/contactus/gettingtotheschool.html">www.london.edu/contactus/gettingtotheschool.html</a>

### Who Should Attend?

## CEOs, CFOs, Heads of Strategy, Vice Presidents, Directors, Investment Bankers, and Analysts in:

- > Strategic Planning
- ➤ Corporate Finance
- Risk or Portfolio Management
- ➤ Information Technology
- Marketing
- ➤ Manufacturing/Supply Chain/Contracting
- ➤ R&D/Innovation

# REAL OPTIONS VALUATION IN THE EUROPEAN ECONOMY

Energy, Infrastructure, Innovation/Technology, Strategy and Managerial Applications

### June 27-28, 2012 London, UK

A revolutionary new paradigm for capitalizing on uncertainty in the new millenium...

#### **Features**

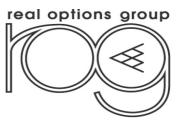
- Practical presentations and case applications by experts from leading corporations and universities
- Roundtable (break-out) discussions by industry where participants choose their area of interest and interact to address key issues & challenges (Energy, Infrastructure, Innovation/Technology and Strategy)
- Panel discussions by leading experts in various hot areas
- Tutorials/keynote presentations from thought leaders
- Networking reception to interact with your peers in a relaxing atmosphere

### Benefits of Attending

- Learn how to make flexible step-by-step decisions and adapt to change to gain competitive advantage
- Take advantage of uncertainty to capitalize on upside while limiting downside risk
- Translate your corporate strategic plans into forward-looking real option value that enhances shareholder wealth and market price
- Understand and communicate the advantages of options analysis and dynamic thinking compared to discounted cash flow analysis
- Learn how to structure your decisions & agreements to maintain valuable flexibility
- Quantify the value of strategic investment opportunities and operating options
- Value innovation/technology investments and growth opportunities
- Learn about successful applications in Energy & Renewables, Infrastructure, R&D/Innovation, Corporate Strategy
- Benefit from experiences of leading corporations that are currently using real options
- Consider the benefits and challenges of adapting real options into your organization
- Meet and interact with international thought leaders and peers from leading corporations

### Organized by







## Wednesday June 27, 2012

# DAY 1

### INFRASTRUCTURE, INNOVATION/TECHNOLOGY, ENERGY & RENEWABLES

8:15 Registration

8:55 Welcome/Orientation

9:00 WORKSHOP/PLENARY SESSION I Real Options: An Overview and Applications Luiz Brandão, PUC-Rio, Brazil

INFRASTRUCTURE & INNOVATION/ TECHNOLOGY INVESTMENTS

## 9:30 Real Options Strategy in the Construction Industry

Anne MacDonnell, Empire Company Limited, Canada, and Pornsawan Evans, Swansea University, UK

### 9:50 Migration to Next Generation Access Networks RENEWABLES

Mathieu Tahon, Sofie Verbrugge, Ghent University Belgium, Peter J. Willis and Paul Botham, British Telecom, UK, Didier Colle and Mario Pickavet, Ghent University, Belgium

10:15 Morning Coffee Break

# 10:50 Design for Evolvability in New Infrastructure Development

Guilherme Biesek and Nuno Gil, University of Manchester, UK

11:15 Capturing the Value of Innovation Teams
Marie Talnack, University of Southern California, USA

## 11:35 A Fuzzy Compound Real Option Model for Patent Valuation

Christer Carlsson and Xiaolu Wang, Åbo Akademi University, Finland

# 11:55 IT Investment Evaluation: An Application of RFID Technology in the Supply Chain

Adriana Dimakopoulou, Katerina Pramatari, and Andrianos Tsekrekos, Athens University of Economics and Business, Greece 12:20 ROUNDTABLE DISCUSSIONS BY INDUSTRY

### A. Energy & Real Estate Roundtable

G. Sick, L. Brandao)

B. Innovation/Technology & Strategy Roundtable (J. Kensinger, B. Lambrecht)

1:15 Luncheon

### 2:15 WORKSHOP/PLENARY SESSION II Real Options Applications in Energy & Natural Resources: An Overview

Gordon Sick, University of Calgary, Canada

NATURAL RESOURCES, ENERGY & RENEWABLES

## 2:50 Oil Trading Using Two-Factor Price Model and Simulation

Babak Jafarizadeh, Statoil, Norway

3:15 Afternoon Coffee Break

### 3:50 Evaluating the Effects of Market and Environmental Uncertainties on Oil Sands Projects

Sebastian Jaimungal, Laleh Kobari and Yuri Lawryshyn, University of Toronto, Canada

## 4:15 Valuing Sugarcane Biomass for Energy Generation

Rafael Igrejas, Luiz Brandão, Leonardo Gomes, PUC-Rio, and Carlos Bastian-Pinto, Unigranrio, Brazil

### 4:35 Resource Valuation and Optimisation

Geoffrey Evatt, University of Manchester, UK

5:00 Closing Remarks



## Thursday June 28, 2012

# DAY 2

### EVIDENCE, METHODOLOGY & OTHER APPLICATIONS

8:30 Welcome

### 8:45 PRESIDENT'S ADDRESS/ PLENARY SESSION III

### Valuing Brand Leveraging Strategies

Lenos Trigeorgis, University of Cyprus, LBS and President, Real Options Group

### MARKET VALUATION/ EMPIRICAL EVIDENCE

### 9:15 Uncertain Climate Policy Decisions and Investment Timing: Evidence from Small Hydropower Plants

Kristin Linnerud, CICERO, Ane Marte Heggedal and Stein-Erik Fleten, NTNU, Norway

## 9:35 Evidence on the Corporate Diversification-Value Puzzle

Pablo de Andrés, Autonoma University of Madrid, Gabriel de la Fuente and María del Pilar Velasco, University of Valladolid, Spain

## 9:55 Evidence on Revenue Rises vs. Cost Savings in Investors' Valuation of Growth Options

Susana Alonso Bonis, Valentín Azofra Palenzuela and Gabriel De La Fuente Herrero, University of Valladolid, Spain

10:15 Morning Coffee Break

#### **BASIC METHODOLOGICAL ISSUES**

### 10:45 The Choice of Stochastic Process in Real Option Valuation

Luiz Ozorio, Ibmec, Carlos Bastian-Pinto, Unigranrio, and Luiz Brandao, PUC-Rio, Brazil

# 11:10 Are Results Consistent Among Different ROV Methodologies? A Copper Mine Application

Pietro Guj, University of Western Australia, and Atul Chandra, Curtin University, Australia

## 11:35 General Real Option Valuation with Application to Real Estate

Carol Alexander and Xi Chen, University of Reading, UK

12:00 Luncheon

#### **BASIC ENERGY/POLICY APPLICATIONS**

## 1:15 Clean Development, Stochastic Permit Prices and Energy Investments

David Schüller, University of Duisburg - Essen, Germany, and Philipp Hieronymi, University of Illinois at Urbana-Champaign, USA

## 1:35 Opportunistic Behavior in Government Energy Concessions

Carlos Bastian-Pinto and Marta Dalbem, UnigranRio, Luiz Brandão, Leonardo Lima Gomes, and Rafael Igrejas, PUC-Rio, Brazil

## 1:55 Modeling Electricity Prices: Application in a Biomass Power Plant in Brazil

Carlos F. Fontoura, Luiz Brandão, Leonardo Gomes, PUC - Rio, and Carlos Bastian-Pinto, Unigranrio, Brazil

### OTHER MANAGERIAL ISSUES & APPLICATIONS

## 2:15 The Cost of Wrong Timing: Real Options and Monitoring Costs

Barbara Bukhvalova, BI Norwegian Business School, Norway, and Alexander Bukhvalov, St. Petersburg State University, Russian Federation

### 2:30 Abandonment Option for Small and Large Firms with Different Capital Structures

Tero Haahtela, Aalto University, Finland

## 2:50 Evaluating Flexible Processes as Multiple Switching Options

Andrew Chen, Southern Methodist University, James Conover, and John Kensinger, University of North Texas, USA

### 3:10 Licensing Real Options

Nicos Savva, London Business School, UK

3:30 Afternoon Coffee Break

4:00 Keynote Address

Avinash Dixit, Princeton University

A Real Options Perspective on the Future of the Euro

### 4:45 Panel Discussion

Energy & Real Estate Investing vs. Innovation/Technology and Strategy: Commonalities and Different Perspectives

Moderator: John Kensinger (U. North Texas, USA)

#### **Panelists Include:**

Luiz Brandao (PUC-Rio, Brazil)
Nuno Gill (U. Manchester, UK)
Peter Monkhouse (BHP Billiton Ltd, Australia)
Gordon Sick (U. Calgary, Canada)
Babak Jafarizadeh (Statoil, Norway)

### 5:45 - 7:00 Networking Reception Sponsored by ROG and London Business School