

# EXECUTIVE MBA in Energy 2012 – 13

A joint part-time programme offered by:  
BI Norwegian Business School  
Nanyang Business School  
IFP School



**Nanyang Business School**



**NORWEGIAN  
BUSINESS SCHOOL**



# Executive MBA in Energy

The Executive MBA in Energy will allow participants to further develop their general management skills and update their knowledge of current energy issues.

## The programme will enable participants to:

- Replenish their toolkit of management techniques while focusing on the energy sector
- To network with - and learn from other experienced managers from the energy and related sectors
- Focus on global environmental issues and the development of existing and emerging renewable energy sources
- Gain an in-depth understanding of fundamentals in energy management, energy technologies and industries, energy markets and trading and energy policy in major regions and countries

## Learn from the Experts

The Executive MBA in Energy is offered in partnership by BI Norwegian Business School in Oslo, Norway, Nanyang Business School in Singapore and IFP School in Paris, France. The three partner schools each contribute their specific expertise that is based on excellence in research and strong links with energy industries, intergovernmental organisations and public authorities worldwide. The three academic coordinators (one at each institution) represent the depth of knowledge and vast expertise that students can benefit from and have access to throughout their course of study:

### FACULTY



#### **Professor Øystein Noreng, BI Norwegian Business School**

Øystein Noreng has been a professor at BI Norwegian Business School since 1977. From 1990 he was holder of the FINA Chair in petroleum economics and management and later, until 2005, the Total chair. He has been a consultant for Norwegian, foreign and international public and private organizations, including the governments of Norway, Denmark and Sweden, the US Department of State, the US Internal Revenue Service, the United Nations, the World Bank, the International Monetary Fund, the International Energy Agency, and several oil and gas companies, as well as a former member of the Supervisory Board of RWE DEA (Hamburg).



#### **Professor Nilanjan Sen, Nanyang Business School**

Dr Sen was a faculty member at Arizona State University prior to joining NTU, Singapore. He has published extensively in academic as well as professional journals and currently teaches mergers and acquisitions and international finance. He has conducted training programmes for several corporations, banks and government agencies, was the chief examiner for Certified Investment and Security Analyst Institute (CISA), Thailand, and has worked with several USA based preparatory programmes for CFA examinations. He currently conducts executive training programmes for Cornell-NTU Institute as well as the CFA review programmes for the FTC Kaplan.



#### **Professor Olivier Massol, IFP School**

At IFP School, Professor Massol teaches the industrial organisation of the energy industries. Along with his teaching, he conducts research on a variety of energy-related topics with a long-standing interest in the natural gas industry. Typically, his research addresses policy-relevant issues with a quantitative approach that has its roots in the interface between energy economics and management science. Previously (from 2000 to 2007), he worked as an economist within the Economic Research Division of Gaz de France (now GDF Suez) and contributed to a wide ranging set of corporate planning analyses. In 2005, he was appointed head of a project aimed at analysing the long-run strategic interactions observed in the gas industry.





# Empowering managers to recharge the energy industry

The Executive MBA in Energy offers a unique mix of general management issues, energy oriented courses and specific insights into the Asian and Oceanic regions. The programme provides participants with a comprehensive understanding of important general management issues. Managers will develop their skills in leadership and management through courses in economics, finance, strategy and other management topics. The programme covers energy issues that are currently on the top of the global political agenda while also focusing on the traditional energy industries such as oil, gas and coal.

## PROGRAMME CONTENT

The Executive MBA in Energy programme consists of 6 two-week modules over a period of 18 months. Start up is in February with rolling admission throughout the year.

- General management courses provide participants with an applied and an overall view of areas that are relevant to their functioning as managers: economics, strategy, finance, leadership and other management topics.
- Energy courses provide participant with specific courses in energy fundamentals, technologies, industries and markets, policies and strategies as well as managerial issues. In addition, there is a strong focus on environmental and energy renewables.

## CONSULTANCY PROJECT

The consultancy project is a core part of the Executive MBA in Energy. It is an integrative learning experience that enables participants to explore a specific energy topic in depth and act as advisors who provide articulate and actionable decision input. All the various elements of the Executive MBA in Energy programme are tied together here and a new dimension is added to the interaction between the participants and faculty.

Through the consultancy project participants can combine various general management aspects with energy insights. The topic of the project is provided by the employer of one of the group members and has to be approved by a faculty member responsible for the programme at one of the three institutions. It is supervised by a representative of the organisation to ensure that the organisation's objectives and guidelines are adhered to, as well as by a faculty advisor from one of the institutions who provides the academic input.

The project's results are presented in a written report and an oral presentation to be submitted at the end of the programme in September. The project consists of a group of 3-5 participants and runs over the length of the programme.

## CASE STUDIES

During the programme, participants will work on different case studies that focus on real-life-oriented issues. They are resolved by utilising work experience, class discussions and relevant theories.



# Course Structure 2012 - 13

Module	Date	Venue	Course	Consultancy Project
	3rd – 5th February 2012	BI Oslo	<b>Introduction Days</b>	
1	6th – 18th February 2012	BI Oslo	<b>Industry Insights:</b> • Energy Economics • Fundamentals in Energy Management <b>General Management:</b> • Management Accounting	Identification
2	21st May – 6th June 2012	NTU Singapore	<b>Introduction Day</b> (May 21st) <b>Industry Insights:</b> • Corporate Finance for Strategic Decision Making • Crisis Mgt & Scenario Planning • Energy Finance Analytics • Business Analysis & Applications	Identification
3	3rd – 14th September 2012	IFP Paris	<b>Industry Insights:</b> • Energy and Emissions Markets and Trading • The Oil Fundamentals • The Utilities Fundamentals	Definition
4	26th November - 8th December 2012	BI Oslo	<b>Industry Insights:</b> Energy Policy in Major Regions and Countries <b>General Management:</b> Leadership	Development
5	4th – 17th March 2013	NTU Singapore	<b>General Management:</b> • Mergers & Acquisitions & Restructuring • Cultural Intelligence & Strategic Leadership Development	Development
6	3rd – 15th June 2013	BI Oslo	<b>Industry Insights:</b> • Environment and Renewable Energy <b>General Management:</b> • Marketing Management • Mergers and Acquisitions	Completion
	25th – 27th September 2013	BI Oslo	<b>Consultancy Project Presentations</b> <b>Graduation</b>	Presentation

*The course structure is subject to change at the discretion of the three participating institutions. This information does not form part of any contract between any person and any of the three participating institutions.*

## TESTIMONIALS

**Mr. Charles Ugochukwu Odizuru-Abangwu Jr, Nigerian**



«The class is comprised of a unique blend of people from diverse backgrounds, cultures and countries. The case studies, group work & research, backed by sound intellectuals and subject matter experts from the industry make the difference. I don't regret my decision.»

**Dr. Insan Boy, Indonesian**



«As I am currently active in the renewable energy sector, I sought out this executive programme to enhance my skills, not only in finance, strategic, project and general management, but also to extend my knowledge and competencies in Energy Topics such as Economics, Management, Policies and its related market environment.»

**Mr. David Griffin, Australian**



«The EMBA in Energy gave relevance to the generic MBA subjects, while the energy specific subjects had depth that made the course really stand out as being grounded in the 'real world'. The course gives you excellent insight into the complexities of the energy industry and the opportunities that abound there for those that can capitalize on them.»

# Practical Information

## ADMISSION REQUIREMENTS

- A university degree (bachelor's degree) or an equivalent professional qualification
- Significant work experience within the energy sector or industries closely related to the energy field
- An interview
- Applicants must satisfy the admission requirements of all schools

## ADMISSION PROCESS

- Each candidate must complete an online application form at [www.bi.no/emba/energy](http://www.bi.no/emba/energy)
- Each candidate must submit two letters of recommendation (at least one letter attesting to the participant's performance in a work situation)
- Each candidate must submit certified copies of diploma and transcripts from previous education (if not in English a translation must be provided)
- Each application is reviewed by the Admission Committee
- Admission interviews are offered to the best candidates

## APPLICATION DEADLINE

Rolling admission until programme start subject to availability of places

## PROGRAMME START

February 3rd 2012 at BI Norwegian Business School in Oslo, Norway

## TEACHING VENUES

BI Norwegian Business School in Oslo, Norway  
Nanyang Business School in Singapore  
IFP School in Paris, France

## DEGREE CERTIFICATE

Double degree BI Norwegian Business School/  
Nanyang Business School

## LANGUAGE OF INSTRUCTION

English

## LENGTH OF PROGRAMME

18 months part-time, module based

## TUITION FEE

SGD 93,000

## APPLICATION FEE

SGD 200

## TARGET GROUPS

The programme is intended for those familiar with the energy industry as well as participants aspiring to work in the energy field. It is professionally oriented and designed to give participants a comprehensive understanding of key energy issues and improve their analytical and managerial skills. The programme's objective is to educate and train managers specifically for the energy sector by providing them with state-of-the-art knowledge and insight into this rapidly changing industry.

## CLASS OF 2011 PROFILE

- Participants: 19
- Nationalities: 10
- Female/Male: 18%/82%
- Average Age: 40
- Age Range: 31-48
- Average years of work experience: 14

## EDUCATIONAL BACKGROUNDS

- Engineering/Scientific: 30%
- Business/Economics: 47%
- Humanities and other: 23%



BI Norwegian Business School  
Phone: +47 46410138  
E-mail: [embaenergy@bi.no](mailto:embaenergy@bi.no)

Nanyang Business School, NTU  
Phone: +65 6790 4042  
E-mail: [execmba@ntu.edu.sg](mailto:execmba@ntu.edu.sg)

IFP School  
Phone: +33 1476961  
E-mail: [emba@ifpen.fr](mailto:emba@ifpen.fr)

#### **BI NORWEGIAN BUSINESS SCHOOL, OSLO, NORWAY**

BI Norwegian Business School is among Europe's leading business schools. It has one of Europe's largest faculties in the area of economics, management and marketing.

BI provides research-based knowledge and highly competent graduates who contribute to better practices in private and public enterprises. The school received EQUIS accreditation in 1999 and reaccreditation in 2010.

#### **IFP SCHOOL, PARIS, FRANCE**

IFP Energies Nouvelles (IFP New Energies) is a world-class research and education centre, aimed at developing the technologies and materials of the future in the fields of energy, transport and the environment. The IFP School is an integral part of IFP Energies Nouvelles and provides a graduate education to high quality students coming from all over the world. In addition, the school offers a very broad range of state-of-the-art training for professionals working in the petroleum, gas, and engine industries. The school has 12 000 alumni working in over 100 countries.

#### **NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE**

Nanyang Technological University (NTU) is a research-intensive university with globally acknowledged strengths in science and engineering.

NTU provides a high-quality global education to more than 33 000 undergraduates and graduate students. It has 3 100 teaching faculty and research staff from 67 countries. NTU Nanyang Business School is the third business school in Asia and the first in Singapore to be awarded both the AACSB and the EQUIS accreditations. Its flagship MBA Programme is ranked 33rd worldwide, according to the Financial Times Global MBA rankings in 2011.



[www.bi.no/emba/energy](http://www.bi.no/emba/energy)  
[www.execmba.ntu.edu.sg](http://www.execmba.ntu.edu.sg)  
[www.ifp-school.com](http://www.ifp-school.com)