

IHRDC

International Human Resources Development Corporation

New!

2010 REGIONAL OFFERING



Managing Major E&P Projects

Comparing Deepwater Petroleum with
Unconventional Gas Development Opportunities

BOSTON: JUNE 14 - 18, 2010

Boston

IHRDC "Training Provider of the Year"

—getenergy 2010

Program Overview

OBJECTIVES

This program is designed for individuals who seek a comprehensive and practical understanding of the processes that are applied in the development of upstream petroleum projects using today's two most attractive investment opportunities to illustrate the management process. The case studies consist of a deepwater petroleum opportunity offshore **West Africa** and a coalbed methane project onshore **Northeast Australia** that is to provide gas to various markets. Using the industry accepted "stage-gate process," teams of participants are asked to plan the development of these two different projects from early exploration, through development planning, construction, and production. Each team is then asked to recommend the more attractive option.

WHO SHOULD ATTEND

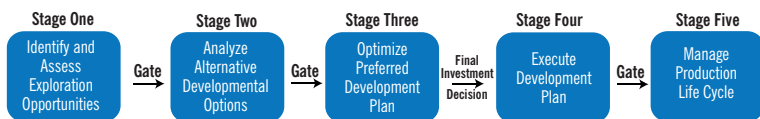
This program is intended for managers and specialists from one or more functional areas of the petroleum industry, such as exploration, production, marketing, finance, law or accounting, who seek to broaden their understanding of the upstream sector of today's international oil and gas business.

INSTRUCTIONAL FORMAT

Learning sessions are divided equally between lectures by specialists and team participation in challenging workshop sessions that allow the teams to undertake the step-by-step development of these two major upstream opportunities using ep.PROM, IHRDC's E&P project management digital simulator. This challenging learning workshop requires that the teams, with access to project mentors, follow a decision-centric project management process, very similar to the ones used by major oil companies, to undertake the side-by-side development of these two major projects. While doing so they will learn how to apply good project management practices to their own projects.

CONTENT

The first half of the week is devoted to the "stage-gate" E&P project management process, exploration strategies and identification of opportunities, current forms of host government agreements, exploration and development technology, exploration workflows and the processes of developing successful prospects, exploration risk analysis and portfolio management, and E&P project economics. The remaining part of the program is devoted to the project management of field development, application of appropriate subsurface technology to maximize reserves, design and construction of facilities, marketing of crude oil, natural gas and gas liquids, management of production over its life cycle and the integrated business development decisions necessary to achieve successful outcomes.



The five-step stage-gate management process as applied to E&P projects.

WORKSHOP

IHRDC's highly regarded, all-digital E&P project management workshop allows teams to participate in different simulated E&P settings - in this workshop we will focus on today's two significant exploration opportunities: a deepwater offshore West Africa oil prospect and an unconventional coalbed methane opportunity in Australia. The teams are asked to use the stage-gate process to manage the exploration, development, and production of these opportunities over a simulated 25-year life cycle. The financial performance of each team is measured against original expectations and the team with the best performance wins the Team Prize. This "classic" IHRDC workshop never fails to receive high praise from participants.

The two opportunities to be considered in this program are shown below:

Atlantica: The West African Offshore Exploration Opportunity

The setting is the "Republic of Atlantica," an island republic off the coast of West Africa that currently has no oil and gas production; however, a major discovery has been made across the border offshore Nigeria. Although your primary objective is to create value for your shareholders, you also share in the vision of the country's new democratic government "to exploit the potential resources of Atlantica to bring it into the 21st Century." The teams will compete with others to explore for and develop an upstream oil and gas company over its simulated project development and execution cycle. The objective is for participants to learn, within a team environment, the processes required to develop an offshore exploration opportunity while making a set of strategic investment decisions.



Republic of Atlantica

Tarus: The Australian Coal Seam Gas Exploration Opportunity

Straight Exploration Company (SEC) holds substantial leasehold acreage in the Surat Basin, West of Brisbane, Queensland, Australia, which is known to contain large coal seam gas resources at a subsurface depth of about 500m. SEC intends to explore this large prospective area and, if sufficient resources are discovered, to develop and market the gas to satisfy domestic demand and, if reserves are sufficient, to export the excess as various potential gas markets. Teams will be asked to apply the stage-gate project management process, to frame their recommendations at different stages in the development process. They will have access to experienced mentors for advice during the Workshop sessions and will be asked to prepare and make formal presentations of key decisions.



Republic of Tarus

Instructors

DR. DAVID A. T. DONOHUE



Dr. David A. T. Donohue is the Founder and President of both IHRDC and Arlington Storage Corporation. Dr. Donohue is a technical specialist, businessman, attorney and lecturer who is highly regarded for the teaching of management programs devoted to the business of oil and gas. He has successfully designed and taught these "business game" programs to more than 10,000 members of the international oil and gas industry on both in-house and public bases. He was the developer of an innovative video-based learning system for the upstream petroleum industry, which has now been converted to IPIMS, a widely licensed e-Learning system. Dr. Donohue is also the developer and owner of independent underground gas storage facilities in New York State. In his early career he held various positions in engineering and research for Exxon and, for four years, served on the faculty of Pennsylvania State University. Dr. Donohue holds the Ph.D. in Petroleum & Natural Gas Engineering from Pennsylvania State University and a J.D. degree from Boston College Law School. He is active in public affairs in his hometown, a Distinguished Member of the SPE and an Alumni Fellow of Pennsylvania State University.

DR. Y. SERDAR DOGULU



Dr. Y. Serdar Dogulu is Director of Innovative Learning Solutions at IHRDC. He is currently involved in the content development of interactive learning and training products, especially the IPIMS e-Learning system. Dr. Dogulu has been very active in the building of company-specific competency models for IHRDC clients and is the principal developer and instructor for IHRDC's highly regarded new E&P Project Development Workshop. For the Arlington Group, an IHRDC affiliate, he is also actively involved in technical and financial modeling studies of underground gas storage projects. After earning his Ph.D. degree in Petroleum and Natural Gas Engineering from Pennsylvania State University, Dr. Dogulu held a post-doctoral researcher position with the Energy and Geo-Environmental Engineering Department at Penn State. His areas of interest include numerical simulation and reservoir characterization. During his graduate studies, Dr. Dogulu spent a summer as a Research Technologist at the Chevron Petroleum Technology Company developing reservoir simulation and management tools, including stream-tube techniques for modeling large oil reservoirs.

BOB PEARSON



Bob Pearson is a Petroleum Engineering Advisor and Managing Director of E&P Technologies -Training, a Singapore-based company focused on three core areas: unconventional oil and gas E&P technology transfer, Business Opportunities involving state-of-the-art productivity or recovery enhancement technologies, and provision of Technical Training Services. He began his career in 1970 as a Production and Well Engineer with Shell International in Southeast Asia and the North Sea, and later worked for Petro-Canada in Western Canada and the Canadian Frontiers. In 1983, he began consulting with APA Petroleum Engineering Inc (now part of RPS Energy Canada Ltd). In 2007, Bob returned to Singapore, first as the Operational Director of the RPS Energy consulting team and then for CBM/CSG Services before establishing E&P Technologies-Training in late 2009. In recent years, he has been heavily involved in subsurface peer reviews and development plan audits for major Unconventional and Frontier Projects on behalf of both operators and lenders. He has been a Distinguished Lecturer for the SPE and the Canadian Section (formerly the Petroleum Society of CIM) and is a Registered Professional Engineer with APEGGA in Alberta, Canada; and a member of the SPE. .S. in Business Economics from the Lebanese American University.

Enrollment Form

Fax this completed page to 1.617.536.4396 or 1.617.247.6669.

By mail, send to: IHRDC Management Programs

535 Boylston Street, Boston, MA 02116 U.S.A.

Questions? Call 1.617.536.0202 or E-mail us at registrar@ihrdc.com

PLEASE ENROLL ME IN THE FOLLOWING PROGRAM:

MANAGING MAJOR E&P PROJECTS

BOSTON, MASSACHUSETTS

JUNE 14-18, 2010

CONTACT INFORMATION (Please type or print clearly.)

Name

Title/Position

Company

Address

City/State

Country

Telephone

Fax

E-mail

PAYMENT METHOD

Fee Enclosed

Please Invoice

Send to the attention of:

Mastercard Visa American Express Discover

Card Number

Exp. Date

Signature of Cardholder

Program Fee*: U.S. \$4,250

*The above fee includes instruction, instructional materials, receptions, continental breakfast and lunch during the session days, weekend bus trips, and miscellaneous conference expenses. Fees do not include travel, hotel expenses, or evening meals; these are the responsibility of the enrollee. Payment should be made by wire transfer, credit card, or check in U.S. funds drawn on a U.S. bank. Fees must be paid in full prior to the first day of the program.

2010 Oil and Gas Management Programs

BOSTON, MA, U.S.A.

International Petroleum Business Program MAY 10 – 21, 2010

International Gas Business Management Certificate Program

MAY 10 – 21 OR OCTOBER 11 – 22, 2010

HR Processes and Change Management Program JUNE 7 – 18, 2010

Managing Major E&P Projects: Comparing Deepwater Petroleum with
Unconventional Gas Development Opportunities JUNE 14 – 18, 2010

Essential Skills for Oil and Gas Managers and Supervisors JUNE 21 – JULY 2, 2010

Financial Modeling and Petroleum Project Economics SEPTEMBER 13 – 24, 2010

International Petroleum Management Certificate Program

SEPTEMBER 13 – OCTOBER 8, 2010

IHRDC

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