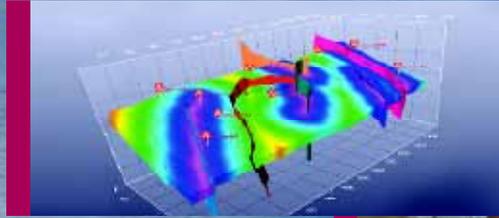


Explore, Manage...



...and Win!



Hunting For Oil[®]

Exploration & Production
Course

*An interactive course
supported by a computer-assisted game*

IFP *Training*

> Course objectives

The **HFO course** gives an extensive and practical overview of the most frequently applied techniques in the **upstream business**, for Exploration, Development & Production purposes. It is an innovative teaching method where conventional techniques currently in use in the petroleum industry are introduced and manipulated, in order to acquire the Upstream culture, and to understand **related challenges** clearly.

Using an interactive approach, participants play roles in business unit teams: each team member can familiarize himself with different jobs and the responsibilities that can be taken in a company in the Exploration & Production world. At the end of the competition, both cumulative production and company strategy will be part of the final evaluation of each team's performance.

On completion of the course, participants will:

- understand the main stakes in the upstream business
- share concepts and techniques between various disciplines and integrate more effectively into a team
- be able to evaluate uncertainties and assess the limits of both data and interpretation
- experience the decision process, from data-room, through commitment to production and distribution
- gain a greater ability to make informed, appropriate decisions, through an effective **team building** process.



> Course content

The success of the **HFO workshop sessions** relies on team work and spirit, selected company strategy and successful data interpretation.

HFO is a dynamic training tool based on an innovative learning platform that proposes a hands-on, experiential simulation designed to give professionals an overall understanding of the oil & gas industry.

> Who should attend?

Geologists, geophysicists and reservoir engineers, with little experience, who need to acquire a full view of the **exploration, development and production workflow**, in particular those who will join multidisciplinary teams – and also other technical staff and managers.

> **Duration:** sessions of 5 or 10 days, on-site or at IFP Training center, in Rueil-Malmaison (Paris).

Lectures and workshops - theory and illustration:

- The specific role of Exploration, Development & Production in the petroleum industry.
Geological context of hydrocarbon prospecting (sedimentary basins).
Reservoir characterization tools and techniques in E&P.
- Introduction to geoscientific exploration methods.
Data-room / Call for tenders
- Seismic reflection (theory, data acquisition, processing & interpretation).
Commitment and permitting
- Wellsite geology, mudlogging, wireline logging.
Seismic survey planning
- Reservoir evaluation: trap identification, entrapment timing, preservation of hydrocarbon accumulation.
Drilling and completion / Well data interpretation
- Understanding the reservoir: sedimentological and structural models. Play assessment.
Well data evaluation. Mapping exercises. OOIP calculation.
Appraisal drilling planning / Field development strategy



Hunting For Oil

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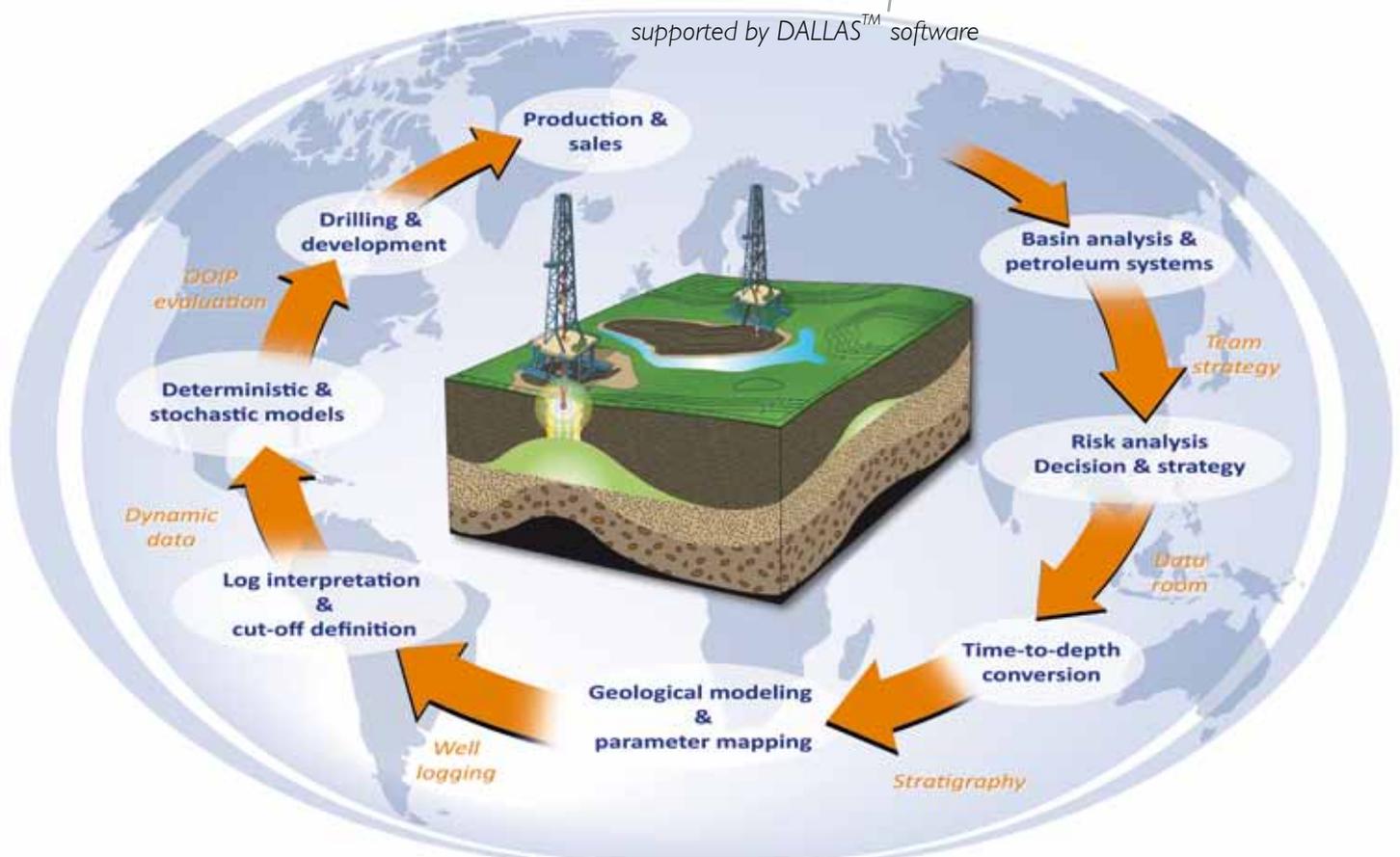
The **HFO** experience provides attendees with a complete view of the upstream Oil & Gas industry's technical fundamentals and related challenges.

- A **global vision** of challenges in the O&G industry.
- A **great opportunity** for newcomers.
- A **key to success** for asset managers.

HFO gives a comprehensive and practical evaluation of specific risks and uncertainties of the E&P decision-making process.

HFO Workflow

supported by DALLAS™ software



IFP Training

IFP Training is a subsidiary of IFP Energies nouvelles (previously IFP) and since 1975 it has been providing skill development & training for professionals in the oil, gas, petrochemical, chemical and automotive industries, from top managers to site operators. With 85 full-time instructors and a network of 600 consultants, IFP Training offers services in three main areas, in France and also overseas:



- *Training courses for professionals, ranging from short courses of a few days to longer integrated courses of several months. IFP Training gives over 1,200 courses a year to over 15,000 participants from some 80 countries.*
- *A Master Degree or Graduate Diploma programs outside France in partnership with the IFP School.*
- *Training in engineering and consulting for the Ministries of Energy, and international/national oil & gas companies, or international institutions, thanks to a multi-disciplinary team, combining technical experts and professionals in education and instructional design.*

> For any additional information,
please contact us at:

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