

Deep & Ultra-deepwater Technologies & Projects 2008/12

The First Edition of the Global Perspectives Deep & Ultra-Deepwater Technologies & Projects Report, published by Infield Energy Analysts, provides an in-depth independent analysis and review of the technologies employed to develop prospects in water depths of 500 metres and greater.

Report Overview:

As many of the world's more easily accessible offshore hydrocarbon deposits have been discovered and produced successfully over the past five decades, the industry has required itself to explore in progressively more inaccessible locations in its search for further oil and gas reserves. This search has precipitated a movement into progressively deeper waters, to the point where deepwater activity has, over the past ten years, evolved from a frontier activity into an intrinsic and strategically important element of most global offshore operator's asset portfolios.

Indeed, the growth and development of deepwater (defined as water depths of between 500 and 1,499 metres) and ultra-deepwater (defined as water depths of 1,500 metres and more) activity is, and is expected to remain, a key element of the continued expansion of the offshore oil and gas industry. Furthermore, the significance of this activity has been heightened by the recent increases in commodity prices and growing concern over future reserves and supply

The surge in deep and ultra-deepwater activity has fuelled a drive by many service companies to invest in adding deepwater capability. Indeed, there is very little of the service industry that has not been touched directly or indirectly by this push to deepwater. In spite of this added capability it still seems likely that the industry is going to reach certain choke points, particularly regarding deepwater pipelay and heavy lift capability.

At present, the ultra-deepwater exploration limits exceed those of ultra-deepwater production, which means that at certain depths, a successful find may be technically unexploitable. However, the expectation is that with improvements in technology, understanding and the availability of equipment more and more finds will become economically recoverable, facilitating the continued growth of the deep and ultra-deepwater sector through to 2012 and beyond.

The *Deep & Ultra-deepwater Technologies & Projects Report 2008/12* profiles offshore oil & gas exploration, development and production activity in each of the major global deepwater provinces over the period to 2012

Who should buy this report? Infield's reports have been purchased by senior managers, analysts, consultants, government bodies from a wide spectrum of organisations.

Why you should buy this report:

- The report provides an in-depth analysis and profile of deep and ultra-deepwater fields forecast to come onstream over the period to 2012, including an analysis of levels of reserves onstream, development types utilised and participating operators.
- Profiling of the key technologies that are expected to play an increasingly prominent role within the exploration, development and production of deep and ultra-deepwater oil and gas reserves through to 2012
- Specific project case studies are provided, detailing offshore field developments where these technologies have been or are intended to be deployed and the key differentiating factors driving their implementation.

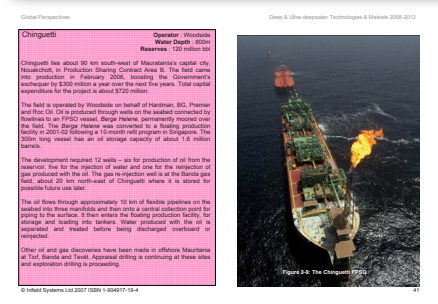
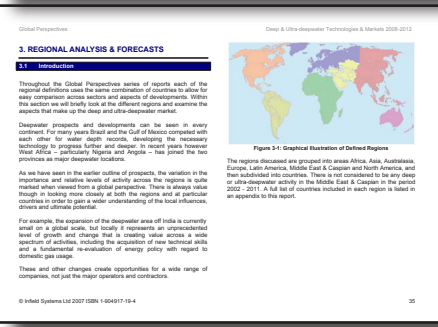
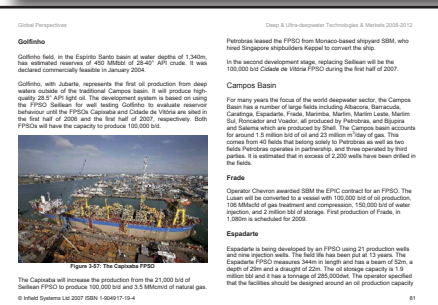
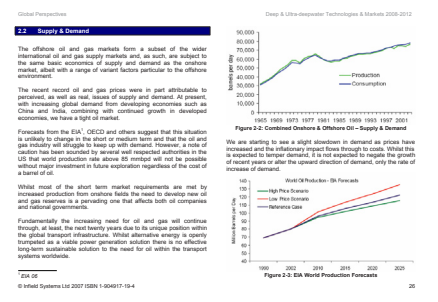
Report Contents

- Summary & Conclusions** provides an executive overview of the deepwater arena in terms of field numbers and total reserves from 1989 through to 2012.
- Global Market Context** looks at the supply and demand issues, commodity pricing, growth of global GDP, prices versus activity and geopolitical issues. It also looks at deepwater prospects in terms of size, development scenario, operator and participant.
- Regional Analysis & Forecasts** provides for each region (Africa, Asia, Australasia, Europe, Latin America, and North America) an overview, field case studies, key project listings and project maps.
- Deep & Ultra-deepwater Exploration** provides a review the technologies and issues of deepwater exploration, including satellite tracking, licencing, seismic survey, well planning, top hole drilling, dual gradient drilling and tender assisted drilling
- Deep & Ultra-deepwater Production** This section provides a review of production development technologies including fixed platform facilities, floating production systems, deepwater moorings, deepwater anchors, subsea equipment, riser systems, production pipelines, seabed processing, separation, pumping and compression, subsea intervention and subsea tiebacks.

GLOBAL PERSPECTIVES

Deep & Ultra-deepwater Technologies & Projects 2008/12

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Searchable Online Projects Database

Purchasers of the Global Perspectives Deep & Ultra-deepwater Technologies & Markets Report will receive 12 months free access to the Infield Deepwater ProjectBase which lists all deepwater fields being developed over the next five years in water depth of 500 metres and greater, worldwide.

Details about each project include:

- Operators
- Project Name
- On Stream, Discovered & Depletion Dates
- Reserves & Production Rates
- Water Depths
- Project Status
- High Temperature & High Pressure

Subscriptions can be upgraded to include other fields, including operational developments and shallow water developments or other data sets from the Infield Offshore Energy Database.

The Infield Energy Data Analysts

Infield has been providing accurate, timely and detailed data and information on the worldwide oil and gas industry since 1986. Now widely acknowledged as one of the definitive independent reference sources, Infield has developed a range of products and services designed to assist senior executives with their business decisions;

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- Publications
- Analytical Services
- GIS & Mapping

Global Perspectives Reports: This is only one in a series of reports for the oil and gas industry. Others include:

- Deep & Ultra-deepwater Market Update
- Subsea Market Update
- Floating Production Market Update
- Fixed Platforms Market Update
- Pipelines & Control Lines

Offshore Energy Database

The Infield Worldwide Offshore Database provides detailed and up to date information about all offshore fields, worldwide. The earliest project on Infield is Bibi Eibat which came on stream in 1923 in Azerbaijan. The furthest ahead are decommissioning projects not expected to proceed for several decades. Infield comprises 7,734 offshore fields in 127 countries, involving over 700 operators and more than 1,100 participant companies. Infield is updated daily so clients can expect to be kept informed of new information as and when it happens.

- Fixed Platforms
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