

23rd WORLD GAS CONFERENCE

WOC1 Exploration & Production

SG 1.1 The World's Most Significant Gas Fields

Overview & Results of Vote

Djaouid Bencherif, Algeria



6–9 June, Amsterdam





Outline

Market impact

>Technological advances

Sustainable development

➤Future potential

≻Conclusion





Market Impact











Technological Advances













Sustainable

development







Future Potential







>Difficulties exploiting deep and unconventional reservoirs and the challenges raised are pushing the limits of gas industry higher and stimulate innovation of the operators to develop new technologies and tools.

≻The state of the art technology to explore deepwater prospects encouraged some countries to explore off shore fields. Several fields were discovered in the latest 90's and production is planned in the coming years. Over 50% of all major discoveries in 2004 were made in water depths greater than 200 m, 13 finds were made in water depths greater than 1000 m.



CONCLUSION



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>Necessity is the mother of invention:

The challenges raised by difficult reservoirs are pushing the gas industry to innovate and to develop new technologies and tools.

>Technology is exploring new horizons: Deepwater exploration is expanding in new areas:

 Over 50% of all major discoveries in 2004 were made in water depths greater than 200 m
Thirteen finds were made in water depths greater than 1000 m.





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Which are the most significant gas fields in the world?

RESULTS OF VOTE







Thank you





Back up slides









Market impact definition

Production from the field has led to the development of a large downstream gas market or has enabled gas to become the leading fuel in a particular region. The effect of the field on the local economy or the market structure can also be considered





Technical advances definition

Difficulties faced to develop the reservoir required the application of new techniques, equipment or processes that have subsequently been applied in other upstream projects or are expected to be further developed for future gas production



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IGU - Working Committee 1 Sustainable development definition

Sustainable developement definition

This covers a wide range of issues including exploitation of natural gas found in ecologically sensitive or environmentally challenging locations, through to issues arising from the production and treatment of acid gas to satisfy economic and environmental imperatives.





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Future potential definition

This is a forward-looking measure in which large remaining reserves or production levels that could be sustained for several decades to come are indicators of high potential, as are major possibilities for developing new production or enhancing existing production or increasing recoverable reserves by a very substantial amount

