



2009 International Petroleum Technology Conference

World Energy Challenges: Endurance & Commitment

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Outline

- Discuss Plenary Session Focus points
- Qatar's Contribution to World Energy Supply
- The North Field Moratorium

Plenary Session Focus points

1. How to Provide assurance that the industry will continue to meet the growing demand for energy and that supplies will be sustainable in the future.
 - **Commitment to supply, needs to go hand in hand with commitment to consume.**
 - **Customers must be willing to pay a fair value for hydrocarbon resources, especially natural Gas as the cleanest burning fuel today.**
 - **Need form stronger partnership between the NOC's and IOC's founded on mutual trust and respect.**
 - **NOC's & Governments need to show commitment and swift decision making if they choose to partner with IOC's.**
 - **IOC's must accept the fact that NOC's, as resource owners, will give up less than in the past and will be expecting to receive more value.**
 - **Supplies can be sustained by sound reservoir management in old and new fields. As well as, applying state of the art technologies to tap into untapped reserves.**



Plenary Session Focus points.....

- 2- How to Maintain stable investment conditions to secure funding to develop the current and future energy resources.
 - **In all regions, and at all times, the availability of oil & gas resources, political stability, ethical standards and transparency will attract investments.**
 - **Oil and gas industry is always thinking long term. Therefore, you will find that well managed companies plan to withstand downturn as part of their business. And will continue to invest.**
 - **The financial sector is seeing light at the end of the tunnel. Financing Oil and Gas projects is possible as long as you can make a good business case, either from financial institutions or internal financial resources. In comparison with most other businesses, Oil and Gas industry is still one of the most lucrative businesses.**
 - **Fair fiscal and legal framework for all stakeholders is a key factor in attracting and maintaining investments.**



Plenary Session Focus points....

- 3- How to confirm the commitment for exploring more efficient ways of producing energy, cleaner fuels and mitigating greenhouse gas emissions.
- **The industry in general has been for some time relentlessly pursuing the most efficient energy processes with the least emissions.**
 - **Legislators need to be fair to producers that are making clean energy available to the world, especially in the gas sector.**
 - **Initiatives are underway in our industry to research and implement carbon capture and storage.**
 - **A partnership between governments, industry and academia is needed to address the emission issues in a comprehensive and socially fair manner.**
 - **The cost of producing energy in a more environmentally friendly manner should be absorbed by both the producers and consumers; and by both the NOC's and IOC's alike.**
 - **Energy consumers need to prioritize clean fossil fuel use, such as gas and cleaner burning GTL products, in their overall energy usage strategy.**



Plenary Session Focus points.....

4- How to Ensure the recruitment and retention of people .

- **We need to do better marketing of our Oil & Gas business as a long term business with great career opportunities.**
- **Ensure that we are competitive in our compensation packages to attract and retain staff.**
- **We need to show employees that we take care of them from entry to retirement and beyond.**
- **We need to show employees that commitment is a two way street.**
- **Acknowledge that core-business skills are long term assets and not a useful tool when needed and discarded when convenient.**

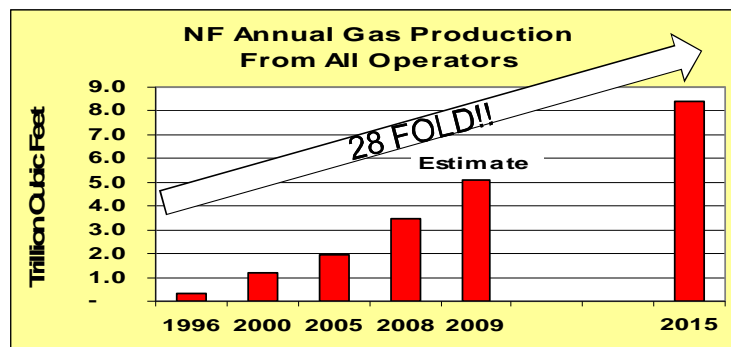


Qatar's contribution to world energy Supply

- Huge investment by QP and its IOC partners in bringing on unprecedented Gas production capacity from well to terminal.
- Over \$100 Billion of investments to ensure dependable and secure supply of clean energy to many nations around the glob.

North Field Production

- Gas Production will increase by 28 Fold from 1991 to 2015
- By 2015 Gas production will be 23 BCF/D
- ~ 4 Million barrel of oil equivalent per day (BOED)
- ~ 8 TCF Per Year



The North Field Moratorium

- Qatar petroleum's official position regarding the Pause, is that no new North Field Development decision will be taken 2014.
- This pause is our technical obligation to ensure the most prudent and optimum long term development of the field for the country.
- After 2014 QP will decide either to have more development or not.
- If after 2014 QP decides to have new developments, the first priority will be given to securing sufficient reserves for our fast growing power and desalination sectors, our local industry development, and only then will we think about export.
- If we do think about export, we will be looking into the de-bottle necking of our existing facilities or expanding current projects with no grass root projects foreseen.



Thank you

