

Gas Market Development

Integrated Solution – Global Reach

What We Do

Petroleum Development Consultants Limited (PDC) provides advice to the upstream oil and gas industry. Based in our offices in London, our teams of engineers and geoscience staff solve problems and help oil and gas companies across the globe succeed with the challenges of the modern industry.

How We Can Help

Over 20 years PDC has assisted organisations monetise and develop gas assets. From assisting gas companies develop gas fields, start/expand LNG/LPG projects to assisting governments and ministries with creating gas master plans and assisting in deregulation of gas markets.

Past Experience

Kenya – Advising National Oil Company of Kenya on improvement of E & P policy and particularly addition of specific gas terms

Tanzania – PDC carried out a prefeasibility study for a pipeline to run along the coast of the country to monetise potential new discoveries and link them to market

Nigeria - PDC reviewed LNG pricing trends for LNG sales contracts from Nigerian LNG for a group of banks financing this project.

Ireland – Developed model of gas transportation pricing to support field development and working for Commission for Energy Regulation on distribution pricing

Vietnam - PDC supported PetroVietnam with their negotiations with BP on the Nam Con Son gas field which lead to a \$2 billion investment in the country.

Israel – Assisting the Natural Gas Authority on the development of the gas transportation and distribution industry

Romania – PDC produced the Field Development Plan for the Bilca field and project managed the building of the gas processing facility (see image lower right)



- **Integrated Subsurface Studies**
 - **Reserves Certification**
 - **Field Development Planning**
 - **Project Management**
 - **Due Diligence**
- **Exploration & Production Policy**
 - **Negotiations**
 - **Market Analysis**
 - **Regulation & Liberalisation**
 - **Expert Witness**



Examples of Our Work:

Integrated Subsurface Studies

Argentina – G&G, reservoir engineering & engineering study for the redevelopment of a mature oil field.

PNG – Integrated team comprising G&G, reservoir engineering team to evaluate onshore gas field

Reserves Certification

Africa – Technical reserves report was composed for a billion barrel oilfield for the raising of funds from a consortium of banks

Africa – Technical reserves were prepared as part of a due diligence study for the acquisition of a gas field in Nigeria

Field Development Planning

Argentina – Prepared re-development plan for RepsolYPF for the Lunlunta-Carrizal field in production since 1950 concentrating on workovers and infill vertical and horizontal wells

Abu Dhabi – Carrying out a project for ADMA-OPCO developing field plans for two large offshore oil fields in production for thirty years. Field development plans to cover the next 35 years of production.

Romania – Leading development of three gas fields in northern Romania and carrying out gas sales negotiations

Project Management

Romania – Project managed the EPC of the gas processing facilities of the Bilca gas field

Due Diligence

Nigeria – Data room study for a major gas company to provide an independent overview of a gas asset

Romania – Advising Gazprom on acquisition of gas distribution company

Exploration & Production Policy

Kenya – Advising National Oil Company of Kenya on improvement of E & P policy and particularly addition of specific gas terms

Market Analysis

Egypt – Prepared study on the gas market for US independent oil company

Russia – A number of studies have been carried out including a market study of potential oil and oil production exports through Tallin, Estonia on behalf of the purchaser of Estonia Rail. Study of oil and oil product exports from the Caspian through Poti Port, Georgia on behalf of the EBRD

Regulation and Liberalisation

Russia – Assisting Ministry of Energy to develop scenarios for gas liberalisation on behalf of EU Delegation, Moscow

UK – Acted as technical advisor to the Office of Gas and Electricity Markets (Ofgem) as part of the Price Regulation 2002-7 of Transco the monopoly gas transmission and distribution operator

Expert Witness

PDC has provided expert witness services at a number of international courts including the Arbitration Courts in Stockholm, Copenhagen, Singapore and London.

Negotiations

Vietnam – Acted as advisor to PetroVietnam in the negotiation of gas contracts with BP to develop the offshore Nam Con Son gas fields leading to total investment of \$2.5 billion

Ireland – Supported the negotiation of a gas contract for offshore gas field with RWE Energy

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