

Market Analysis

Integrated Solution – Global Reach

What We Do

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

PDC has conducted a variety of market analysis studies across the world to allow clients to understand the dynamics of a market for the utilisation of oil and gas.

Our studies have allowed clients to expand operations into new markets to monetise oil and gas developments, upgrade and build refineries and terminals.

Past Experience

- **Kenya** – Prepared LPG supply and demand model for Ministry of Energy as part of a study to carry out a preliminary design of LPG import facilities including terminal/jetty, pipeline, storage facilities and bottling plants
- **Tanzania** – Analysis of petroleum product market in Tanzania and several African countries for a study to expand bulk petroleum product landing facilities in Dar es Salaam
- **Tanzania** – Evaluation of gas market in the country and in neighbouring countries as part of a pre-feasibility study to build a gas pipeline
- **Uganda** – Analysis of oil product market as part of a project on Downstream Regulation for Ministry of Energy/World Bank.
- **South Africa** – Study to investigate the market potential for bulk and bottled LPG supply to South Africa as part of the clients plans to construct an LPG storage facility and pipeline to a terminal.
- **Georgia** - Study of oil and oil product exports from refineries in the Caspian through Poti Port, Georgia on behalf of the EBRD



petroleum development consultants limited

- **Integrated Subsurface Studies**
 - Reserves Certification
- **Field Development Planning**
 - Project Management
 - Due Diligence
 - Process Engineering
 - Negotiations
 - Market Analysis
- **Government Advisory**
 - 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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