

- Romania/Hungary, 2012/2013, Economic Consultant analysing gas market, policy and regulatory arrangements as part of feasibility study for AGRI LNG project.
- Nigeria, 2012, advice and training for the establishment of a petroleum unit at the Federal Ministry of Finance.
- EU – Russia, 2009/2010 Project Manager for EU-funded assignment: *Addressing the impact of the financial crisis on EU-Russia Energy Cooperation*. the major focus being on the future of Russian gas exports to the EU.
- Nigeria, 2008, advice to an Investment Bank on regulatory and price transition requirements for private sector participation in the Nigerian electricity industry.
- Singapore, 2007, Advice and input to development of Gas Importer Licence and LNG Terminal Operator Licence.
- Russia, 2007, Consultant assisting independent gas producer to forecast internal Russian market gas prices and on future gas sector reforms.
- Russia, 2006, Gas Expert for EU-Russia Energy Dialogue project. Developed and presented projected EU natural gas supply-demand scenario.
- Bangladesh, 2005/2006 & 2008, Project Manager for ADB assistance to promote private sector participation in gas transmission and distribution infrastructure.
- Dubai, 2005, Consultant to Department of Civil Aviation advising on appropriate ownership, commercial and regulatory arrangements for efficient jet fuel supply to the proposed Jebel Ali Airport.
- Russia, 2003, oil & gas sector specialist for project ME-4 for Ministry of Energy to evaluate the impact of power sector reform on the fuel-supplying sectors (oil, natural gas, coal and nuclear).
- Lithuania, 2003 Senior Consultant on Risk Management assignment for Mazeikiai oil refinery.
- Azerbaijan, 2002, Project Director for World Bank (PPIAF/ESMAP) assistance to the Government of Azerbaijan to define a strategy for developing a domestic gas market.
- Netherlands, 2000/2001. Senior Consultant in NERA team advising NV Nederlandse Gasunie on regulatory strategy in response to the Dutch Regulator's proposals for implementing the EU Gas Directive.
- Russia, 2000-2002, Project Manager for UK DfID project to develop an Oil Tax Reform Policy, for oil production and petroleum products consumption, with the Ministries of Finance, Energy, Tax and Economy.
- Singapore, 2000. Senior Consultant and Acting Project Manager for design and implementation of a fully competitive natural gas market. Key role in defining general Gas Market Framework. Led work to determine solutions to complex Transition Issues.
- Indonesia, 1996-2004. Team Leader for Asian Development Bank assistance to design and implement a regulatory framework for the downstream gas industry and petroleum products distribution.
- Czech Republic, 1999. Advice (under PHARE Project) on the structure and regulation of the Czech gas industry, to enable drafting of a new Energy Law providing for implementation of the June 1998 EU Gas Directive.

- Spain, 1999. Advice to a private client regarding regulatory arrangements for an open-access LNG import terminal.
- India, 1995/96. Project Manager for ADB assistance to develop a regulatory framework for the gas industry in India.

Electricity Assignments

- Russia, 2010/2011, advice to a major European electricity company on the risks of investment in combined heat and power generation in Russia
- Russia, 2010, an initial review of the potential for renewable electricity generation in Russia for the International Finance Corporation (IFC).
- Russia, 2009/2010, advice to NP Market Council on issues related to the Nodal Price Difference Fund and to Capacity Supply Agreements (DPM's)
- Nigeria, 2008, advice to an Investment Bank on regulatory and price transition necessary for private sector participation in the Nigerian electricity industry.
- Russia, 2008, a major review of the Russian electricity market for the International Finance Corporation (IFC).
- Russia, 2007/2008, assistance to EDF and GdF Suez on due diligence for potential acquisition of Russian generators OGK-1 and TGK-10 respectively.
- Russia, 2005 to 2008, Project Manager for TAL058 project for the Agency for Forecasting Electricity Balances to develop forecasting methodologies.
- Russia, 2003 to 2005, Project Manager for TAL033 project for RAO UESR to forecast revenues for all power stations in Russia as part of the share unitisation process to create the OGK and TGK generating companies ahead of their privatisation.
- Russia, 2002, Senior Consultant in NERA team assisting the RAO UESR Federal Network Company to develop electricity transmission tariffs.

Pipeline and Related Infrastructure Assignments

- Turkmenistan, 1992/93. Pre-Feasibility Study for the Turkmenistan-Turkey-Europe Gas Export Pipeline.
- Namibia, 1991. Directed the Kudu Gas Utilisation Study, including evaluating electricity generation requirements for Namibia and South Africa.
- Bangladesh. Member of November 1990 World Bank Mission for Gas Sector Review.
- Bangladesh, 1990. Team Leader for LPG Transportation study for World Bank.
- Union of Myanmar (Burma), 1990. Financial and economic evaluation of the rehabilitation of producing oilfields for the ADB.
- Undertook initial Feasibility Study for a Nigerian methanol plant (1990).

BP EXPLORATION

- Evaluated exploration prospects, development costs and contract terms for licence bidding, acquisition/divestment, and farm-in/out opportunities in Malaysia, Australia and New Zealand.

BP COAL

- Developed the Business Strategy and five-year Business Plan for this US\$ 1 billion/year turnover company.

BP ENGINEERING

- Marketed and administered BP engineering and technical services to BP Group and Third Party clients in the Middle East. Produced formal Strategy and Operating plans.

BP OIL (Downstream)

- Scheduled all crude oil deliveries to, and all product exports from, BP Oil's four UK refineries. Controlled all product, blending component, and feedstock movements and stockholding at Isle of Grain refinery.
- Evaluated refinery, harbour and pipeline capital investment proposals.

Publications

- *Reliable Electricity Supply for Nigeria – What will it Take?* IAEE Energy Forum 1Q2009