



ENERGY  
EXPERTISE  
& GLOBAL  
REACH



[www.crystolenergy.com](http://www.crystolenergy.com)

# COMPANY PROFILE

Crystol Energy is an independent consultancy and advisory firm, offering a unique breadth of global experience in the public, private and academic sectors.





# OUR EXPERTISE

From governments and investors to international organisations and NGOs, we work with all stakeholders, providing a diversity of expertise that includes:

- Tailored advice on energy policy and investments
- Specialised and bespoke training
- Original research and in-depth analysis

Crystol Energy's tailored advice, client-focused training and bespoke research cover the entire spectrum of global energy markets and policy.



## SERIOUS QUESTIONS, HOLISTIC SOLUTIONS.

Today's rapidly changing energy world has amplified existing problems while also presenting new challenges to government and industry alike. Working closely with clients to provide holistic solutions that meet specific needs, we advise on issues including:

What are the key trends in global energy markets and how can low carbon energy be effectively integrated into the primary mix?

.....

How can governments and their people secure a fair share in oil and gas deals while encouraging private investment?

.....

What should investors do to optimise their capital?

.....

How do governments set up and successfully manage a National Oil Company or Sovereign Wealth Fund?

.....

What are the core principles for sustainable energy policies and durable oil and gas contracts?

.....

What are the potential risks for energy investors in a specific country and region?

# ENERGY ADVISORY SERVICE

Crystol Energy advises governments, national and international investors, service companies and all relevant stakeholders in the energy sector. We understand this is a long-term business that encompasses diverse players and, therefore, the right balance of expertise and experience is required to successfully align their needs.

We regularly advise governments on how best to work with private investors of every size, and equally we help companies to work well with host governments.

With governments, we assist in the design of energy policies that will ensure the efficient development of domestic energy resources. We also help them to manage the resulting wealth in order to gain long-lasting economic benefits. To investors, we offer detailed assessment of the local investment climate and expertise for developing the right strategy. Using our deep regional knowledge, we help to support communications with local authorities at every level.

## Some examples of projects we have been involved in:



Advising governments on the institutional framework for oil and gas and supporting the work of international organisations and NGOs in this area.



Assessing country specific investment prospects in both hydrocarbon and renewable energy sectors in Africa, Europe, the Middle East, and South-East Asia.



Formulating energy policy and consulting on legislation and contracts.



Designing and implementing new petroleum fiscal regimes and developing related financial models in several countries.



Provided independent advice to resolve a dispute amicably and practicably between the host government and oil and gas project partners.

# TAILORED TRAINING

In energy, as in every sector, it is vital to keep learning, deepening knowledge and developing new skills. Crystol Energy provides focused and effective training courses to help clients gain the understanding and expertise that they need.

Drawn from academia, industry and government, our coaches and instructors ensure that our courses combine the highest academic standards with hands-on practicality. This blend of strengths is simply unique.

We help governments to develop and build administrative capacity, whilst in the private sector we deliver courses that are fine-tuned to the participants level of energy experience. For academic and training institutions, Crystol Energy helps to design and deliver energy-related courses.

Tailored to fit the background, expectations and experience of each client, our courses inspire active engagement, case study discussions and group work. The aim is always to convey a deep and lasting understanding of the topics and to keep clients up to date with the latest global developments in energy. Eminent guest speakers and enriching study tours increase the effectiveness and relevance of our training.

Accommodating and accessible, our training can be held in major cities around the world, or wherever a client is located. They can also be delivered in Arabic, English, French, and Portuguese.





## EXAMPLES OF OUR TAILORED TRAINING



Energy economics and finance



Petroleum fiscal regimes



Financial and fiscal modelling



Fundamentals of the oil market,  
natural gas and LNG



Fundamentals of shale oil and gas



Electricity and energy regulations



Licensing and contract negotiations



# ENERGY RESEARCH SERVICES



Energy enters into every form of economic activity. Its political, economic, social and environmental significance, coupled with rapid change within the sector, mean that keeping up to date is vital.

Crystol Energy offers original research, data gathering and in-depth analysis that combine high academic standards with thorough practical knowledge. We provide custom-built research in all areas of the energy complex, from oil and gas to renewables and unconventional resources.

## Trusted expertise

In addition to experience from across the industry, our experts have a long track record of publishing research, supported by their involvement with respected academic institutions worldwide. They also contribute to global news media, sharing our high-quality work with accessible clarity. Additionally, we publish independent reports and studies on key issues in energy as well as regular blogs on the latest global developments. Several of our Advisory Board members also head world-class research facilities.

Crystol Energy conducts research on demand for clients, who are kept informed at each stage of data gathering and analysis to ensure a pertinent, uniquely insightful result. Completed work can be supported with presentations, workshops and tailored training.



# EXPERTS & ADVISORS

Our experts combine hands on international know-how with a deep understanding of local conditions. They have a wealth of experience in energy from within public and private sectors, academia and non-governmental organisations. Covering a variety of specialisms and nationalities, they share an extensive knowledge base and a complementary understanding of local cultures and customs.

Crystol Energy is supported by a team of advisors with a longstanding involvement in all aspects of energy affairs worldwide. Our advisors consist of highly experienced professionals who have shaped policy and the management of major energy companies.

## Some of our international experts and advisors include:

**Dr Carole Nakhle:**

Founder and CEO of Crystol Energy, specializing in petroleum fiscal regimes, contracts, and governance.

**Dr Theo Acheampong:**

Economist with expertise in petroleum fiscal regimes, financial modelling, HSE and political risk analysis with a special focus on Sub-Saharan Africa.

**Ms Ili Afifuddin:**

Petroleum geologist with 10 years' experience in exploration and development projects in an NOC and service provider.

**Mr Reggie Mezu:**

International tax adviser with multi-jurisdictional and multi-disciplinary professional qualifications in law, accountancy and taxation.

**Mr Firas Zeineddine:**

New product design and development and project management. Formerly with Schlumberger.

**Prof. Lester Hunt:**

Over 30 years' experience working in energy modelling and policy with world leading universities and research centres.

**Lord David Howell:**

Chairman of the Advisory Board. The only Minister to have served in Heath, Thatcher and Cameron governments, closely involved with government energy policies.

**Ms Valentina Dedi:**

Energy Economist, specialising in oil and gas pricing.

**Dr Gavin Graham:**

CEO, LOTOS Upstream, formerly with Shell and Petrofac. Geologist by training.

**Mr Raymond Hall:**

Over 32 years' experience in the oil and gas industry in a variety of senior commercial, planning and advocacy roles at BP.

**Prof. Tom Heirdon:**

Professor of Banking and Finance at the Frankfurt School of Finance and Management since 1991.

**Ms Ieda Gomes:**

Over 30 years' international experience in the oil, gas and energy industry, with a special focus on gas and power project development.

**Mr Parmi Kanda:**

Over 30 years' experience, 25 of which were with Shell International, covering legal, contractual, commercial and dispute resolution among others, in addition to experience in Islamic Financing.

**Dr Azmi Khreisat:**

Former Minister of Energy in Jordan, specialising in electricity and renewable energy.

**Mr Christof Ruehl:**

Global Head of Research at Abu Dhabi Investment Authority (ADIA), formerly Chief Economist of BP and the World Bank's Chief Economist to Russia and Brazil.

**Mr Peter van Leeuwen:**

Former Dutch ambassador to more than 12 countries including in Sub-Saharan Africa and Middle Eastern states.

**Mr Dan Witt:**

President, International Tax and Investment Centre.

**Mr Nicos Constantinou:**

Former member of the board of the Central Bank of Cyprus.



# SUPPORTING WOMEN IN ENERGY

Crystol Energy is a strong advocate of gender diversity. The company provides the secretarial support for Access for Women in Energy (AccessWIE), which establishes a community of practice to advance the development of women in the energy sector, across the whole supply chain and covering all sources of energy: from oil, gas and coal to renewables and nuclear.



## What AccessWIE offers:

- AccessWIE engages its members in regular informed debates on global energy related issues.
- Our members build a valuable international network across different specialisations in energy.
- We follow an all-inclusive policy, providing membership opportunities to a wide spectrum of female and male energy experts including senior executives, middle managers, professionals transitioning between jobs and graduates.
- We run training courses to our members who want to venture into new aspects of the energy industry or simply expand their knowledge.
- We organize international energy trade missions.
- Our members enjoy access to our partners' events.

## Leadership

AccessWIE was founded in 2007 by Dr Carole Nakhle, the Chief Executive Officer of Crystol Energy.

The group is co-chaired by Lady Judge (The Hon. Barbara Thomas), Chairman Emerita of the UK Atomic Energy Authority, and Lord Howell, President of the Royal Commonwealth Society and of the UK Energy Industries Council.

**ACCESS**   
Women in Energy

[www.crystolenergy.com/women-in-energy](http://www.crystolenergy.com/women-in-energy)

# OUR CLIENTS

We have a broad range of clients which include embassies, international and national oil companies, universities and Government.



## GOVERNMENT

Commonwealth Secretariat

Department for International  
Development (DFID)

Embassies

Host governments in Africa, Asia,  
Latin America and the Middle East

Lebanese Ministry of Finance

Uganda Revenue Authority

United Nations



## INDUSTRY AND PRIVATE SECTOR

Adam Smith International

Geopolitical Intelligence Service

Gerson Lehrman Group, Inc.

International Oil Companies

Mubadala Petroleum

National Oil Companies in Africa  
and the Middle East

Oxford Policy Management Ltd  
(OPML)



## NGOs & CSOs

Carnegie Middle East Centre

International Tax and  
Investment Centre (ITIC)

Lebanese Centre for Policy  
Studies (LCPS)

Natural Resource Governance  
Institute (NRGI)

Westminster Foundation  
for Democracy



## ACADEMIA/ NGOS

Blavatnick School of Government

Columbia Centre on  
Sustainable Investment (CCSI)

St Joseph University (Beirut)

Surrey Energy Economics Centre

**Crystol Energy**

4-12 Regent Street, London, SW1Y 4PE,  
United Kingdom

Tel: +44 203 356 2976 Fax: +44 203 356 2701  
[info@crystolenergy.com](mailto:info@crystolenergy.com) [www.crystolenergy.com](http://www.crystolenergy.com)

