



Energy Expertise.
Global Reach.



Company Overview | 2021

www.crystolenergy.com





From governments and investors to international organisations and NGOs, we work with a wide range of stakeholders, providing a diversity of expertise.

Founded in 2012 by Dr Carole Nakhle, Crystol Energy's tailored advice, client-focused training and bespoke research cover the whole spectrum of world energy markets, policy and geopolitics.

Our strong reputation for meticulous work, original technique and robust analysis has spread globally. We have been quoted in international media and publications, including Al Arabiyya, Al Jazeera, BBC, Bloomberg, CNBC, CNN, Fox News, France 24, S&P Platts and the Wall Street Journal.

We have been approached directly and continue to be consulted by energy industry leaders and policymakers from different countries.

We have won projects, bidding against the largest energy consultancy firms in the world.

We are uniquely positioned through our work with governments, private sector, financial institutions, international associations, and non-governmental organisations, providing an independent platform that bridges the interests of these various stakeholders, no matter how different they may seem.

At Crystol Energy we advise, train and prepare our clients to solve complex energy issues, optimise investment propositions and develop sound energy policy and strategy.

Our business model is built around three complementary services: Advice, Research and Training. We believe that the best advice needs to be supported by appropriate capacity building for successful long-term implementation. Our advice is underpinned by meticulous research, with an emphasis on local conditions. Every solution is based on our fundamental guiding principles but tailored to specific client needs and objectives, because 'off the peg' answers are not part of our ethos

Our core strength is our team, with world class analytical capabilities, complementary competences and unparalleled judgement, based on extensive knowledge and hands-on global experience.

Our Experts bring many years of experience in energy, economics and geopolitics. Coming from different disciplines and nationalities, they share an extensive knowledge base and an in depth understanding of different cultures, domestic market needs and global trends.



LEADERSHIP



Dr Carole Nakhle

Founder and Chief Executive Officer

Dr Carole Nakhle is an international authority on global energy issues, in particular in the fields of hydrocarbons finance, market development, policy, governance, regulation, fiscal regimes and contractual arrangements.



Lord David Howell of Guildford

Former Secretary of State for Energy, UK
Chairman of our Advisory Board.

The only Minister to have served in Heath, Thatcher and Cameron administrations, Lord Howell of Guildford has maintained a close engagement with government energy policies throughout. He served under Margaret Thatcher as her first Energy Secretary and has held numerous Government and public posts since – including a spell as Foreign and Commonwealth Minister of State (in charge of international energy security) in the 2010 Coalition Government.



OUR ADVISORY BOARD

Our Advisory Board consists of highly experienced professionals who have shaped policy and the management of strategic energy producers worldwide.



Muriel Dube

Non-Executive Board Member, Sasol

Muriel has extensive experience in sustainability following engagement in the resources sector, energy and climate change policy and corporate finance.



Ieda Gomes

Non-Executive Independent Director

Ieda has a broad range of expertise in the natural gas and energy industry with an international career spanning 35 years in the public and private sectors as well as research institutes including the Oxford Institute for Energy Studies.



Dr Gavin Graham

Former CEO, LOTUS Upstream

Gavin is a geologist by background, educated in Edinburgh and at Cambridge University and has nearly 40 years of experience in the oil and gas industry.



Prof Tom Heidorn

Frankfurt School of Finance and Management

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



Anton Mifsud-Bonnici

Independent Business Advocate

Anton is a Mediterranean EU-based independent business advocate. He is a highly-regarded ESG master strategist, doer and a thought leader on the G of governance.



Jim Robertson

Non-Executive Director, Scottish Government

Jim is a non-executive director in the Scottish Government, deputy chair of the Government's Audit and Assurance Committee and member of the Climate Emergency Action Group of the Scottish Leaders Forum.



Dr Azmi Al-Said Khreisat

Former Minister of Energy, Jordan

Dr Azmi is the CEO of International Energy Consultations Enterprise, based in Jordan. He served as Jordan's Minister of Energy & Mineral Resources (MEMR) from 2003 to 2006.



Peter van Leeuwen

Former Dutch Ambassador

Peter served as a Dutch diplomat in several countries in Africa, Asia and the Middle East. As Special Representative for Energy Security of the Ministry of Foreign Affairs (2006-2009) he dealt with bilateral and multilateral energy matters.



Christof H. Rühl

Senior Research Scholar, Center on Global Energy Policy, Columbia University

Christof is an internationally renowned economist, specialising in macroeconomics. He was the Chief Economist of BP and ADIA's first Global Head of Research.



Dan Witt

President, International Tax and Investment Centre

Daniel is the President of the International Tax and Investment Center (ITIC), which he helped found in September 1993.

Serious questions, holistic solutions

Today's rapidly changing energy world amplifies existing problems and presents new challenges to government and industry alike, raising crucial questions that need to be thoroughly addressed. These are some of the issues we have worked on:

- > What are the key trends shaping various energy markets over different timeframes?
- > How can low carbon energy be effectively and efficiently integrated into the energy mix?
- > How can governments craft a regulatory framework fostering the development of renewable energy and decarbonisation of the energy sector?
- > Can hydrocarbons coexist with climate change policies?
- > When will oil demand peak and what are the implications on various producers – private and public alike?
- > How can governments and their people secure a fair share in oil and gas deals while encouraging private investment?
- > How to promote energy access and fight energy poverty?
- > Does an increased emphasis on environment, social and corporate governance (ESG) enhance economic performance?
- > What is the impact of the energy transition on the mining industry and the governance of the sector?
- > How do governments set up and successfully manage a National Oil Company?
- > How can petroleum wealth be managed properly and what are the prerequisites for a sound Sovereign Wealth Fund?
- > What are the core principles for durable oil and gas contracts and effective licensing strategy?
- > How to successfully deregulate electricity markets?
- > How to best develop the local gas market?
- > How to draft sustainable energy policy?
- > How to effectively price carbon?

These are just some of the questions we answer, working closely with clients to provide holistic solutions that meet specific needs.



Tailored advice on energy policy and investments

Since our foundation, we have uniquely positioned ourselves, having advised a broad range of stakeholders in the energy sector, from host governments, state-owned enterprises and sovereign wealth funds to private investors, financial institutions and industry group representatives, around the world.

We understand this is a long-term business that encompasses diverse players, and the right balance of expertise, experience and insights is required to successfully align the needs of various players.

Each of our projects is meticulously tailored to the client's needs and is developed as an exclusive piece of work.

[See project examples we delivered >](#)



Specialised and bespoke training

Drawn from industry, academia and government, our coaches and instructors ensure that our courses balance the highest academic standards with hands-on practicality in creating and delivering industry knowledge. 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 those with energy experience and those new to the field. We also collaborate with leading educational institutions where we design and deliver energy-related courses.

[Check our courses >](#)



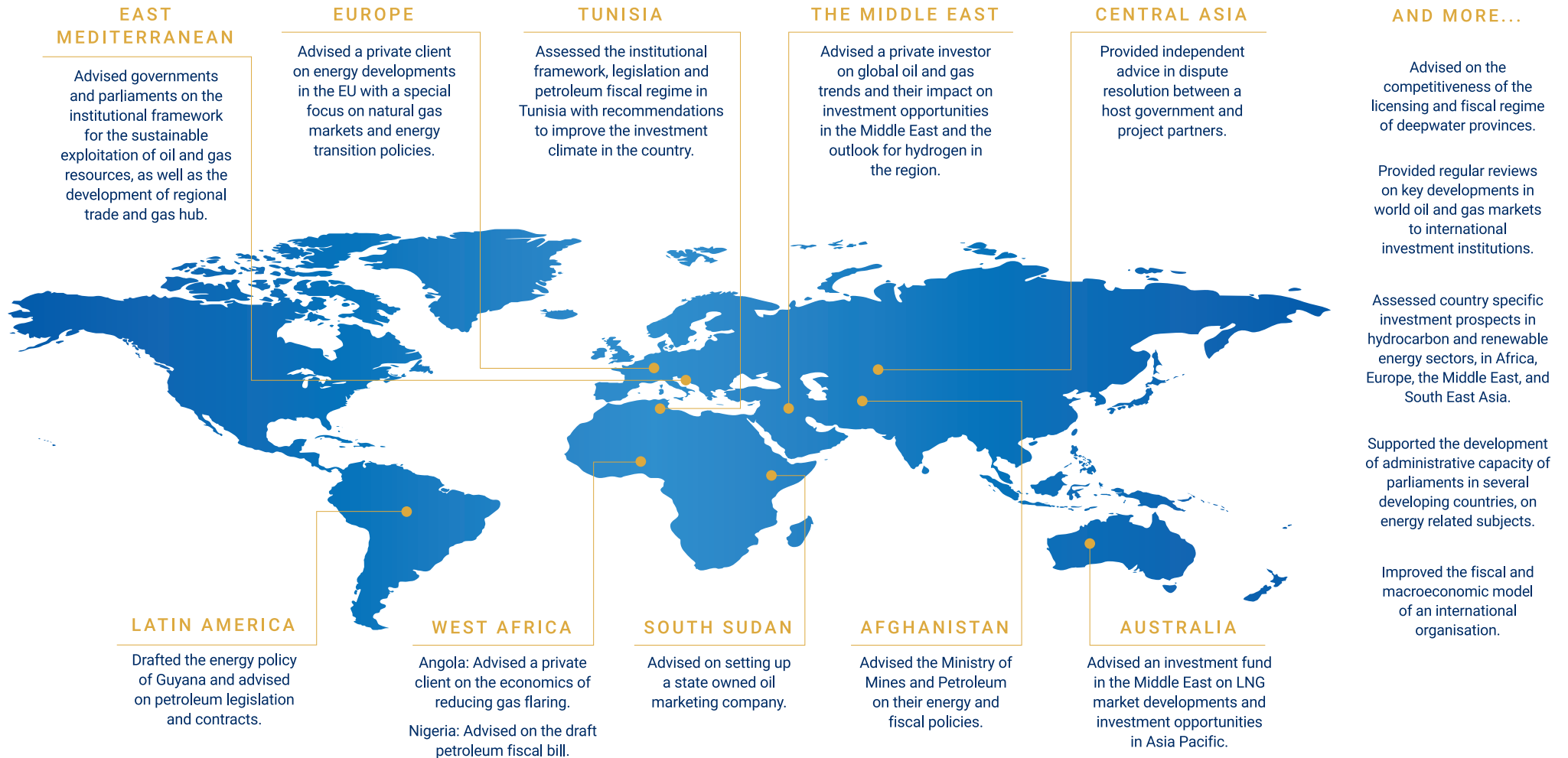
Original research and in-depth analysis

Energy enters into every form of economic activity. Its political, economic, social and environmental significance, combined with rapid change within the sector, mean that keeping up to date and having a comprehensive understanding of trends are 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.

[Find out more >](#)

Examples of projects that we delivered



Tailored training services for the energy sector

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

Accommodating and accessible, our in-person training courses have been held in central London and other major cities around the world, or at the client's own premises. We have also been organizing online training over the last few years.

All of our courses can be delivered in Arabic, English, French, and Portuguese.



Our tailored courses include:



Fundamentals of oil,
natural gas and LNG
markets



Fundamentals of shale
oil and gas



Electricity, oil and gas,
and environmental
regulations



Decision making
analysis



Energy and environmental
economics and finance



Energy security



Petroleum fiscal regimes
and contractual
arrangements



Financial and fiscal
modelling



Investment
protection



Contract negotiation

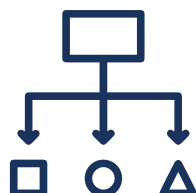


International taxation,
transfer pricing and VAT

Cutting edge energy research



We work closely with our clients to define objectives and methodologies



We agree on the methodology to be followed and the assumptions to be used



We start our investigation by collecting both primary and secondary data from highly reliable sources



We analyse the data extensively



We draw out the key findings and recommendations

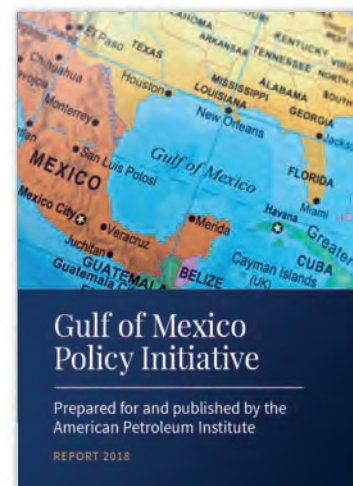
Working with the best

In addition to experience from across the industry, our experts have a long track record of publishing cutting edge research, supported by their involvement with academic institutions worldwide. They also contribute to global news media, conveying our high-quality work with accessible clarity.

Additionally, we publish independent reports and studies on key issues in energy and regular blogs on the latest developments worldwide. 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, unique result. Completed work can of course be supported with presentations, workshops and tailored training.

[Check more examples on our website >](#)



Our clients

We have extensive and unique experience across the public and private sectors as well as academia, and we provide a highly effective and proven mix of services to a broad international clientele. Past and current clients include governments, state owned enterprise and public institutions, investment funds, technology providers, international organisations, and energy companies from around the world. We also collaborate closely with NGOs and think tanks.

- > Adam Smith International
- > The African Export-Import Bank (Afreximbank)
- > Agriteam Canada Consulting Ltd
- > American Petroleum Institute (API)
- > Aspen Technology, Inc (AspenTech)
- > Associazione Marco Polo Council
- > Commonwealth Secretariat
- > Department for International Development (DFID)
- > Geopolitical Intelligence Service
- > Gerson Lehrman Group Inc
- > Ghana National Petroleum Corporation
- > International Tax and Investment Centre
- > Mubadala Petroleum
- > Natural Resource Governance Institute (NRGI)
- > NERA Economic Consulting
- > Newsweek Vantage
- > Oxford Policy Management Limited (OPML)
- > United Nations
- > Westminster Foundation for Democracy
- > The World Bank



SUPPORTING WOMEN IN ENERGY

Crystol Energy is a strong advocate of gender diversity. The company provides strong 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.



Set up by Dr Carole Nakhle in 2007, AccessWIE is one of the oldest groups established to support the development of women in the energy industry, globally. The energy sector previously had a reputation for being male dominated – a notion that belongs in the past! AccessWIE is testament to the many talented women working across the whole industry, within fields ranging from expert engineering and finance to business development and executive responsibilities.

AccessWIE follows an inclusive membership policy that welcomes anyone with a background or future in energy – male or female, whether experts, senior executives, middle managers or fresh graduates.



What AccessWIE does...

AccessWIE engages its members in a range of activities, aiming to promote the development of women in the energy sector, globally.

- Research
- Roundtables
- Seminars
- Energy trade missions
- Training
- Career talk and advice
- Conference support
- Online community

AccessWIE regularly publishes research and analysis on the diversity and inclusion of women in the energy industry. Their work has been quoted in the international media and publications.

You can find out more here:

www.crystolenergy.com/women-in-energy

Our offices are based in London. For general enquiries, job opportunities, internship or speaking engagement, you can contact us using the following details:

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