

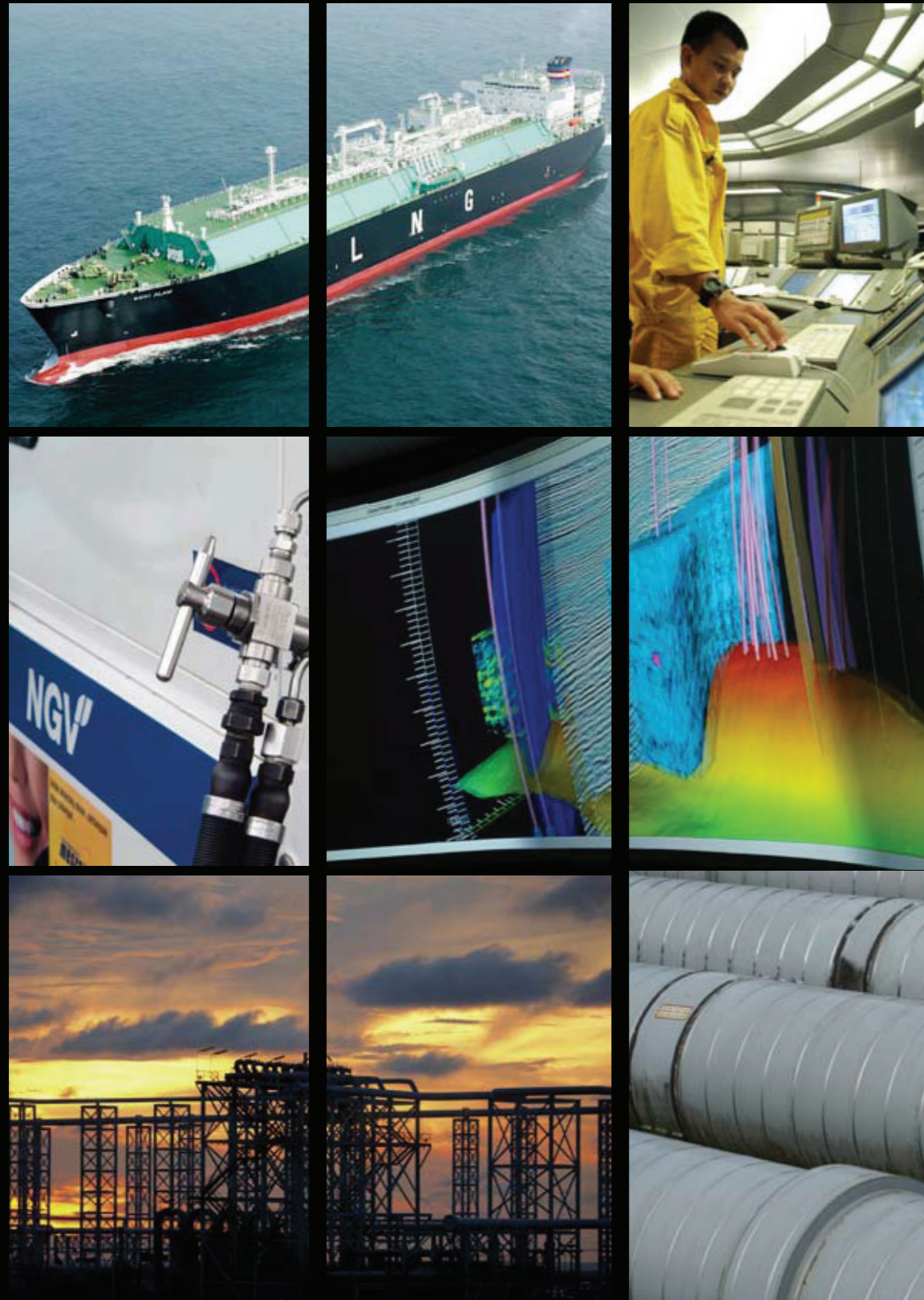
International Gas OCTOBER 2008
INTERNATIONAL GAS UNION

International Gas OCTOBER 2008

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**DEVELOPING GAS
TECHNOLOGIES**

Driving on GTL





PETRONAS is Malaysia's very own integrated petroleum multinational corporation. Ranked among the Fortune Global 500® largest corporations in the world, the PETRONAS Group has over 30 years of solid experience in oil, gas and petrochemical operations, with presence in more than 30 countries.

Over the years, we have developed distinctive strengths in our gas business, making PETRONAS a trusted partner and reliable supplier of choice. Our proven capabilities in fully integrated Liquefied Natural Gas (LNG) and gas processing & transmission pipeline network operations are among our greatest strengths. Leveraging on our ability to ensure security of supply from our large gas reserves and the synergy of connectivity throughout the whole value chain of our gas business, we are able to meet our customers' needs with a high level of reliability and flexibility.



Host of the 25th World Gas Conference & Exhibition, Kuala Lumpur in 2012



L I F E . P O W E R E D B Y G A S



PETRONAS: An Integrated Global Gas Player

As an established oil and gas multinational ranked on the FORTUNE Global 500®, it comes as no surprise that PETRONAS is an integrated global gas player, with activities covering the entire gas value chain. We are involved in exploration and production of natural gas resources to gas processing and liquefaction, transmission pipeline network operations, marketing and trading, LNG shipping, gas district cooling and supply of industrial utilities. We continue to expand our capabilities and markets in each segment and build upon partnerships we have cemented over the years.

Flagship Facility – PETRONAS LNG Complex

PETRONAS has built its reputation as a trusted, reliable and capability-driven player in the Liquefied Natural Gas (LNG) business for over twenty-five years. Our pride stems not only from developing the PETRONAS LNG Complex in Bintulu, Sarawak - the world's largest LNG production facility in a single location - but more in the unblemished record of over 5,000 timely and uninterrupted LNG shipments to date.

With this strong experience, we continue to add value to the win-win partnerships we have maintained over the years with our Far East buyers, and are winning new customers with our solid track record.

Exploring and Producing Natural Gas

Gas constitutes about 75 percent of Malaysia's hydrocarbon reserves and PETRONAS continues to harvest and maximise the value of this precious resource in a sustainable manner. Additional discoveries were made offshore Sabah recently, generating new terminalling, processing and pipeline projects to monetise the gas. The Sabah-Sarawak Integrated Oil and Gas

Project is due to come onstream in 2010, feeding more gas to the PETRONAS LNG Complex in Bintulu, Sarawak, which is scheduled to increase production from its current 23 million tons per annum output.

Overseas, we have signed agreements with Turkmenistan and Iran, adding to our reserves base from two of the largest natural gas resources in the world. Already we are producing gas from our West Delta Deep Marine and Damietta concessions in Egypt.

Bringing it Downstream, Globally

Our Egyptian foray is a fully-integrated project, bringing gas from the West Delta Deep Marine block to our Egyptian LNG plant. With the Dragon LNG receiving and regasification terminal in Wales, United Kingdom already 90 per cent completed, the terminal will, in the future, provide PETRONAS Group with access to the European and Atlantic Basin markets.

Our trading arm, ASEAN LNG Trading Company is already securing inter-Atlantic spot cargoes, adding further value to our gas.

Full Flexibility – LNG Shipping

MISC Berhad is already well-known in the LNG shipping arena, with its unchallenged status as the world's single largest owner-operator of LNG vessels. PETRONAS' ability to leverage on its shipping subsidiary's fleet of 23 vessels to date and another six to be delivered by end 2008 is a strong contributing factor to its reputation as a trusted and reliable LNG supplier.

World-Class Transmission Pipeline Operations

In addition to its excellent track record in LNG operations, PETRONAS also has the proven capability to design, build,

operate and maintain gas processing and transmission pipeline infrastructure to world-class standards. Our domestic Peninsular Gas Utilisation system, consisting of six gas processing plants and a network of 2,500 kms of pipelines continues to be the backbone of Malaysia's industrial and petrochemical sectors.

The PGU is linked to the Trans Thailand-Malaysia Pipeline system in the north and to Singapore in the south, forming an integral part of the Trans-ASEAN Gas Pipeline system. PETRONAS has been entrusted to lead this project under the auspices of the ASEAN Council on Petroleum (ASCOPE) to further enhance the region's security of supply.

We also hold equity in gas transmission pipeline businesses in Australia, Argentina and Indonesia. In Australia notably, we are the biggest shareholder in APA Group, the country's biggest transmission pipeline operator.

Diversifying Gas Utilisation

As gas is a clean and efficient fuel, PETRONAS is leading the way in diversifying its use in Malaysia. We have established Natural Gas for Vehicles facilities in our stations since 1986 and are actively promoting its use in the transportation sector.

Our Gas District Cooling facilities also use gas as an energy source to produce chilled water for air-conditioning and electricity generation in the Kuala Lumpur City Centre, the PETRONAS Twin Towers, the Kuala Lumpur International Airport and the federal administrative complex in Putrajaya.

R&D activities are ongoing at our research and technical facilities, which also house the ASCOPE Gas Centre, to support our gas business and participate in local and regional technology development.

PETRONAS - Strategic Partner of Choice

Leveraging on our ability to ensure security of supply from our large gas reserves and the synergy of connectivity throughout the whole value chain of our gas business, we continue to build our reputation as a trusted, reliable and capability-driven partner of choice.



Malaysian Gas Association (MGA)

The Malaysian Gas Association (MGA) established in 1986 aspires to create synergy in realising and harnessing the potential of the gas industry by driving the increased utilisation of gas through research and development initiatives, while promoting its usage domestically and internationally. With a membership of more than 130 corporate organisations, MGA actively participates in worldwide gas activities under the auspices of the International Gas Union.

MGA as the President of the IGU for 2009-2012 triennium is proud to host the 25th World Gas Conference in Kuala Lumpur in June 2012.

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THE PROMOTION OF BIODIVERSITY
AND THE PROTECTION OF THE ENVIRONMENT.**



International Gas OCTOBER 2008

The IGU Magazine

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International Systems and
Communications Limited
36 Grosvenor Gardens
London SW1W 0EB
England

Telephone: + 44 20 7730 5454
Facsimile: + 44 20 7730 6936
E-mail: general@intscltd.demon.co.uk
Website: www.isyscom.com

International Gas Union
c/o StatoilHydro
0246 Oslo
Norway

Telephone: + 47 2297 2000
Facsimilie: + 47 2253 6318
E-mail: secrigu@statoilhydro.com
Website: www.igu.org



Vision, Mission and Objectives

The International Gas Union (IGU) is a worldwide, non-profit organisation promoting the progress of the gas industry. Through its many member countries representing approximately 95% of global gas sales, IGU covers all aspects of the natural gas industry.

● The Vision

Recognising that natural gas has an important part to play in satisfying the global need for an environment-friendly energy source, IGU will be the most influential, effective and independent non-profit organisation, while serving as the spokesman for the gas industry worldwide.

● The Mission

IGU will actively, directly and through its members, promote the technical and economic progress of the global gas industry.

IGU will work towards improving the competitiveness of gas in the world energy markets. By promoting the development and application of new technologies and best practices, IGU will help optimise the economics of the entire gas chain, while emphasising sound environmental performance, safety and reliability.

IGU – serving as a global information clearing house – will promote transfer of technology and know-how.

In carrying out this mission, IGU will maximise value to its members and gas customers.

● Objectives

In striving towards the vision and fulfilling the mission, IGU will regarding:

ECONOMY: Promote all activities within the entire gas chain, which can add to the technical and economic progress of gas;

CUSTOMERS: Encourage development of good customer services and customer relations;

TECHNOLOGY: Encourage research and development towards new and better technologies for the gas community;

SAFETY: Promote the safe production, transmission, distribution and utilisation of gas;

ENVIRONMENT: Encourage and promote development of clean technology, renewable energy applications and other activities, which will add to the environmental benefits of gas;

INTERNATIONAL GAS TRADE: Encourage international trade in gas by supporting non-discriminatory policies and sound contracting principles and practices;

LEGAL: Promote and contribute to the development of legislation concerning:

- the establishment of equitable, non-discriminatory and reasonable environmental and energy efficiency regulations, and
- efforts to establish appropriate and relevant international standards, as well as
- the promotion of and participation in the exchange of information relating to regulatory processes;

COOPERATION: Enhance partnership with industry and manufacturers, and cooperation with governments, policy makers and international energy related organisations, and promote the exchange of information among members in order to help them in improving the efficiency and safety of gas operations.

How green is gas?



Demand for energy is continuing to rise, together with demand for renewable energy solutions. Natural gas plays a crucial role in meeting this requirement. It is the cleanest fossil fuel and has the lowest emissions of CO₂ (greenhouse gases). Moreover, we can always rely on gas, anywhere and at all times, partly due to our advanced gas transport network. This flexible, tried and tested energy base gives innovations the opportunity to grow. For example, in the form of micro-combined heat and power units or gas-powered cars.

We are also working on ways to further 'green' gas through the application of biogas, which is derived from renewable residual gas flows. With our extensive knowledge of transport, we can also ensure that CO₂ is removed to storage sites rather than released into the atmosphere.

Together, we can therefore work to create a greener future.

gasunie

takes gas transport further



MANY VIEWPOINTS ONE VISION



In 80 years of working with customers around the world, Schlumberger has learned a lot about the importance of local insight and ingenuity. We live where we work—hiring staff, developing talent, and gaining the intimate understanding that adds focus to our global vision of improving performance and reducing risk.

With more than 140 nationalities now represented among our workforce, technology development and deployment are backed by an extraordinary cultural diversity to bring the many viewpoints that can come from every person and every region. Just as importantly, this force is connected to our 20,000-strong knowledge network of people active in 27 scientific disciplines and nearly 120 communities of practice.

The benefit lies in the flow of global information to help solve your specific local challenges.

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Unless otherwise stated, the dollar (\$) values given in this magazine refer to the US dollar.

BG Group



BG Group. Turning partnerships into prosperity.

In the energy business, strong working partnerships are the key to success. At every stage, from gas exploration to distribution, we stay close to our partners. We share with them our technical expertise, employ local people, invest in their communities and together we find the right markets to maximise the value of our partners' natural resources. Their potential. Our expertise. It's a partnership you can bank on.

A world leader in natural gas





Message from the President

Raising IGU's profile as spokesman of the gas industry

Dear Colleagues

The International Gas Union explicitly defines the two fronts to which it will devote its efforts and resources. The first is an internal one, defined in its Mission, which is promoting the exchange of experience, information and know-how for the progress of the global gas industry.

The second front is a more externally-oriented one, defined in IGU's Vision, which is its intent to be the most influential spokesman for the gas industry worldwide.

The first objective is largely dependent on the efficiency of the organisation, and IGU has every right to be proud of how this has been achieved each Triennium, through the projects and contributions delivered in the successive World Gas Conferences.

The success of the second, however, is more related to the effectiveness of our Union, measured by the degree in which it participates – both in quantitative and qualitative terms – in energy (and energy-related) events. Further, its effectiveness increases when it takes the initiative to organise events outside the World Gas Conferences, where key issues which impact on the global gas industry are debated with policy-makers, organisations and leaders from both within, and outside our industry.

A sound example of the above is the forthcoming Ministerial Gas Forum being organised jointly by IGU and the International Energy Forum (IEF), which is covered in more detail in the "From the Secretariat" news section of this issue. The

IEF is the largest recurring global gathering of the top echelon of government officials involved in energy-related decisions from a large number of countries around the world.

For IGU, this meeting is the next step after participating in the 3rd International Energy Business Forum which took place in Rome, in April this year, and we hope it matures into an ongoing process where we may develop a permanent exchange with the major agents that shape the global gas industry.

One of the basic conditions to be a major spokesman, however, is to expressly uphold a position in terms of the foremost guidelines which will foster the development of a dynamic and sustainable system that equitably serves the community to which it belongs. To this end, IGU will be proposing at the next Council meeting a Strategic Statement which will address the need for a cohesive industry structure, and a coherent set of rules to manage it effectively.

Indeed, cooperation and integration are concepts which are highlighted in this magazine, in the article describing the successful relationship between an IOC and a NOC in Qatar. The article is the second of a series which started in the previous issue with a similar case study looking the energy relationship between Germany and Russia, and which we hope will be followed with a third leading example in the next magazine, before the end of this Triennium.

The 2008 Council meeting takes place in Korea and provides a good stage on which to debate the need for an adequate balance between security of supply and security of demand. The articles you will find in this issue on the host country's gas industry and on the situation of the overall Asia-Pacific LNG market will provide an enticing preview of the issues to be discussed.

To conclude, the credibility of a spokesman is strongly linked to his behaviour as a responsible citizen. IGU considers energy efficiency to be a key means of achieving a more sustainable future and has launched the Gas Efficiency Award to stimulate new ideas and projects. There will be four prizes and the best project of the four will be presented at

WGC 2009. We hope this initiative aptly rewards the efforts of those devoted to this important objective.



Ernesto López Anadón



Ernesto López Anadón, President.

Contributing to our future

Imagine if discovering gas and developing its production became a priority to satisfy global energy demand



Worldwide demand for natural gas is growing at a greater pace than for any other fossil fuel. As a forerunner in the chain of LNG specialists, Total is pursuing developments in natural gas around the world by setting up new projects

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Message from the Secretary General

Dear Reader

The Secretariat receives many requests to participate and support conferences worldwide by giving presentations, chairing sessions or taking active part in panel discussions. We give these requests high priority as it is a good way to meet members and promote IGU in the marketplace. It is also evident that IGU participation in conferences adds prestige and value to many events. The Secretariat has spent a significant amount of time so far this year maintaining the high profile of IGU at conferences and other energy events.

These travels have brought me among other places this year to our members in the large and fast growing markets of Egypt and India. Both countries can be characterised by a rising population as well as an increasing level of prosperity, which all adds to the surge in demand for natural gas. In addition, the demand for the cleanest fossil fuel is escalating due to the increased focus on air quality and climate issues. By using more gas in various applications, developing countries can avoid much of the environmental pollution deriving from the effects of the early stages of industrialisation.

The concern about the environment and climate has been emphasised in meetings at the highest political level, and is also followed up by concrete actions through cooperation between the gas industry and policy-makers. New Delhi, for example, has seen an improvement in air quality since the authorities mandated the use of natural gas to fuel all road public transportation. I am



Torstein Indrebø, Secretary General.

also very pleased to note that IGU is well known and supported by the highest political level in these countries thanks to our very active Charter Members.

Most countries with increased demand for gas have to look abroad to find the necessary suppliers as domestic sources are either non-existent or in decline. Gas has therefore to travel longer distances than before to reach the markets – a trend that further enhances the globalisation of the gas market. This situation has triggered the need for new arenas for discussion and dialogue between the market players. The International Energy Forum and IGU will therefore jointly organise a Ministerial Gas Forum in November this year to bring the leaders of business and politics together to address some of the issues the gas industry is facing. We already have commitments for participation from several Ministers and CEOs representing both gas

producing and importing countries as well as key gas companies.

The IGU Council meeting in Korea in September is another important event this year as the Council will elect the President of IGU for the Triennium 2012-2015, which in turn will determine the venue for the 26th World Gas Conference taking place in 2015. We are in the fortunate position of having three applicants for this important role: Brazil, France and Qatar representing different regions of the world. It is very encouraging that so many of our Charter Members are prepared to take on such a responsible position in IGU and want to be actively

involved in addressing the challenges our industry is facing. The candidate elected will assume the Vice Presidency of IGU immediately after the WGC in Buenos Aires in October 2009.

I hope you will enjoy the interesting articles in this latest edition of the magazine.



Torstein Indrebø



An IGU delegation met HE Sameh Fahmy, the Egyptian Minister of Petroleum (FIRST LEFT) and D. Hamdy El Bambi, Chairman of the Egyptian Gas Association and former Minister of Petroleum (SECOND LEFT) in Cairo in March. To the right are Torstein Indrebø and Barbara Anette Schmid, Advisor to the Secretary General.

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40 years of pioneering operations on the Norwegian continental shelf have made us world leaders in the field of maritime oil and gas activities. We apply our skills and experiences from these demanding conditions to the rest of the world. We

consistently work to find sustainable solutions for the energy requirements of the future. Our pioneering projects for carbon capture and storage are vital in order to reduce the climate impact.

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Countries Represented in IGU

Algeria	Egypt	Latvia	Singapore
Argentina	Estonia	Lithuania	Slovak Republic
Australia	Finland	Malaysia	Slovenia
Austria	France	Monaco	South Africa
Bangladesh	Germany	Netherlands, The	Spain
Belarus, Republic of	Greece	Nigeria	Sweden
Belgium	Hong Kong, China	Norway	Switzerland
Bosnia and Herzegovina	Hungary	Oman, Sultanate of	Taiwan, China
Brazil	India	Pakistan	Thailand
Brunei	Indonesia	Peru	Trinidad and Tobago
Bulgaria	Iran	Poland	Tunisia
Cameroon	Ireland	Portugal	Turkey
Canada	Israel	Qatar	Ukraine
China, People's Republic of	Italy	Romania	United Arab Emirates
Croatia	Japan	Russia, Federation of	United Kingdom
Czech Republic	Kazakhstan	Saudi Arabia	United States of America
Denmark	Korea, Republic of	Serbia	Venezuela



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Australia
Australian Gas Industry Trust
c/o Energy Networks Association

Austria
Österreichische Vereinigung für
das Gas- und Wasserfach
(ÖVGW)

Bangladesh
Petrobangla (Bangladesh
Oil, Gas & Mineral Corporation)

Belarus, Republic of
Beltransgas

Belgium
Association Royale des Gaziers
Belges

Bosnia and Herzegovina
Gas Association of Bosnia and
Herzegovina

Brazil
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Empresas Distribuidoras de Gás
Canalizado (ABEGAS)

Brunei
Brunei Energy Association

Bulgaria
Overgas Inc.

Cameroon
Société Nationale des
Hydrocarbures

Canada
Canadian Gas Association

China, People's Republic of
China City Gas Society

Croatia
Croatian Gas Association
c/o INA-Naftaplin

Czech Republic
Czech Gas Association

Denmark
Dansk Gas Forening – Danish
Gas Association

Egypt
Egyptian Gas Association

Estonia
Estonian Gas Association

Eurogas

Finland
The Finnish Natural Gas
Association

France
Association Française du Gaz
(AFG)

Germany
Deutsche Vereinigung des Gas-
und Wasserfaches e.V. (DVGW)

Greece
Public Gas Corporation of
Greece (DEPA) S.A.

Hong Kong, China
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Co. Ltd

Hungary
Association of Gas Distribution
Companies

India
Gas Authority of India Ltd (GAIL)

Indonesia
Indonesian Gas Association (IGA)

Iran
National Iranian Gas Company
(NIGC)

Ireland
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Gasfabrikanten in Nederland
(KVGN)

Nigeria
Nigerian Gas Association
c/o Nigeria LNG Ltd

Norway
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(NPF) – Norwegian Gas
Association

Oman, Sultanate of
Oman LNG L.L.C.

Pakistan
Petroleum Institute of Pakistan

Peru
Perúpetro S.A.

Poland
Polskie Zrzeszenie Inżynierów i
Techników Sanitarnych (PZITS) –
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Portugal
GDP – Gás de Portugal, SGPS, S.A.



Clearly complex?

In the global gas industry the challenges of regulatory pressures, price fluctuations and geopolitical complexities make it hard to keep everything in focus. The Ernst & Young Global Oil and Gas Center brings together a team of worldwide professionals that understand the global market and are placed to help you achieve your potential, no matter where that potential lies.

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Saudi Arabia
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Serbia
Gas Association of Serbia

Singapore
Power Gas Ltd

Slovak Republic
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Slovenia
Geoplin

South Africa
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Thailand
PTT Public Company Ltd –
Petroleum Authority of Thailand

Trinidad and Tobago
The National Gas Company of
Trinidad and Tobago Ltd

Tunisia
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Turkey
BOTAS

Ukraine
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United Arab Emirates
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Company Ltd (ADGAS)

United Kingdom
The Institution of Gas Engineers
and Managers

United States of America
American Gas Association

Venezuela
Petróleos de Venezuela S.A.
(PDVSA)



The IGU Secretariat is hosted by StatoilHydro at these offices in Sandvika, Oslo.

Supply and Price: Our Two Biggest Challenges

The U.S. natural gas industry today faces many challenges, in particular increased natural gas demand and an inability to match that demand with new supply because of overly prescriptive federal regulations that deny natural gas production in some of our most promising supply areas. The result has been record high natural gas prices that may well reach new records as the winter heating season drives demand even higher.

Make no mistake. North America has plenty of natural gas supply. Offshore in the Outer Continental Shelf, in the Intermountain West, Alaska, and other areas, there are many trillions of cubic feet of natural gas that can be produced using new technologies that leave very little environmental footprint. Our challenge is getting that message across loud and clear to our political leaders, and it will take an industry-wide advocacy and communications effort to achieve that.

But success is critical because although demand in our industry's core residential and commercial markets

is projected to remain relatively flat – in great part due to 25 years of increased energy efficiency and conservation by natural gas customers in those markets – the demand for natural gas in the electricity generation market will grow significantly. Because natural gas is by far the cleanest fossil fuel, when it is converted into electricity far fewer CO₂ emissions are produced, which helps fight global climate change. True, other clean fuels such as nuclear power, clean-coal technologies, and more renewable energy will one day be will be significant contributors to power generation, but that day is years away.

As a result, added pressure will be put on natural gas prices, which can only be matched by more supply, both domestic and imports of liquefied natural gas. Therefore Congress must act by allowing access to new sources of natural gas supply. That is one way to keep America strong in an increasingly competitive global economy

Natural Gas is the cleanest burning fuel the earth produces. The direct use of natural gas will help reduce carbon emissions.

Natural Gas. The Clean Fuel Choice.

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FUEL.
GREEN
FUEL.



American Gas Association

The American Gas Association, founded in 1918, represents 202 local energy companies that deliver natural gas throughout the United States. There are nearly 70 million residential, commercial and industrial natural gas customers in the U.S., of which 92 percent — more than 64 million customers — receive their gas from AGA members. Today, natural gas meets almost one-fourth of the United States' energy needs. For more information, please visit www.aga.org.



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Taqa, Arab Company for Energy (Egypt)	Union of Independent Gas Producers (Russia)
Izgaz – Izmit Gaz Dağıtım San. Ve Tic A.Ş. (Turkey)	

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European Gas Research Group (GERG)	Marcogaz
Gas Infrastructure Europe (GIE)	National Gas Vehicle Association of Russia (NGVRUS)
International Association for Natural Gas Vehicles (IANGV) including its regional and national affiliates	Pipeline Research Council International, Inc. (PRCI)
IGU Research Conference Foundation	



a natural gas partner

At BP, we know the value of partnership. In the LNG business, it's something we've been doing naturally for more than 30 years.

Partnerships built on long-term relationships with host Governments; producers; local communities; co-venturers, customers and suppliers.

Partnerships that use our skills to manage complex projects and supply chains; employ our growing fleet of modern, flexible LNG ships and apply our distinctive trading expertise.

Partnerships that also allow us to develop innovative contracts to access multiple markets and respond to customer needs.

Today, we are the second largest supplier of gas to liquefaction plants and participate in five major LNG production centres, including the new Tangguh facility under construction in Indonesia. We also have access to multiple markets – in Japan; South Korea; the UK, the US and, most recently, China where we are the only international company to participate in the country's first LNG import and re-gasification project, at Guangdong.

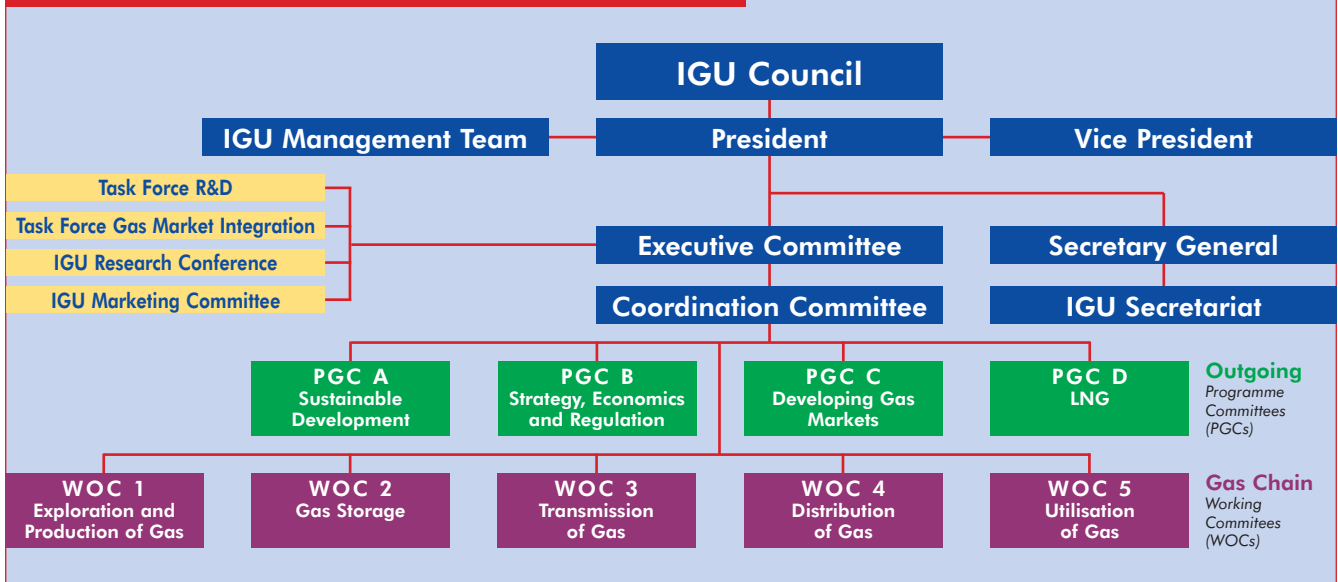
It's what, we believe, makes BP a natural gas partner in the rapidly changing world of LNG.



beyond petroleum™



IGU Organisation



From left to right in this photograph taken at the Executive Committee meeting in Montreux, Switzerland, in May 2007 are: Otto Musilek, Wan Zulkiflee Wan Ariffin, David N. Parker, Datuk Abdul Rahim Haji Hashim, Robert J. Harris, Yves Tournié, Chawki M. Rahal, Hans Riddervold, Ieda Correia Gomes, Ernesto López Anadón, Peter K. Storm (who was then Secretary General), Klaus Homann, Peter I. Hinstrup, Kunihiro Mori, Hae-jung Oh, Daniel Paccoud, Roberto D. Brandt, Alexander I. Lipatov and Ho Sook Wah. George H. B. Verberg, Tomás Tichý, Antoni Peris Mingot, João Carlos de Luca and Domenico Dispenza could not attend.

IGU MANAGEMENT TEAM



Mr Ernesto López Anadón, IGU President (Chairman) (Argentina)



Datuk Abdul Rahim Haji Hashim, IGU Vice President (Malaysia)



Mr George H. B. Verberg, Immediate Past President (The Netherlands)



Mr Roberto D. Brandt, Chairman of IGU Coordination Committee (Argentina)



Mr Ho Sook Wah, Vice Chairman of IGU Coordination Committee (Malaysia)



Mr Torstein Indrebø, Secretary General

IGU EXECUTIVE COMMITTEE 2006-2009 TRIENNIUM

Dr Chawki Mohamed
Rahal
Algeria

Mr Ernesto López Anadón
Argentina

Mr Roberto D. Brandt
Argentina

Mr Otto Musilek
Austria

Mr Tomás Tichý
Czech Republic

Mr Peter I. Hinstrup
Denmark

Mr Daniel Paccoud
France

Dr-Ing. Klaus Homann
Germany

Mr Domenico Dispenza
Italy

Mr Kunihiro Mori
Japan

Mr Hae-jung Oh
Republic of Korea

Datuk Abdul Rahim Haji
Hashim
Malaysia

Mr Ho Sook Wah
Malaysia

Mr Wan Zulkiflee Wan
Ariffin
Malaysia

Mr George H. B. Verberg
The Netherlands

Mr Hans Riddervold
Norway

Mr Alexander I. Lipatov
Russia

Mr Antoni Peris Mingot
Spain

Dr Robert J. Harris
United Kingdom

Mr David N. Parker
United States of America

Ms Ieda Correia Gomes
BP Gas, Power &
Renewables, Associate
Member

Mr João Carlos de Luca
Instituto Brasileiro de
Petróleo e Gás, Associate
Member

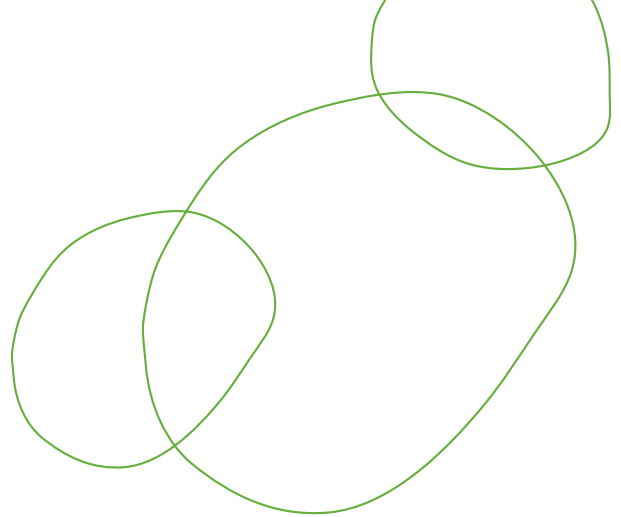
Mr Yves Tournié
Total, Associate Member



YOU ARE GOING TO LOVE THE FUTURE

For more than 150 years, SUEZ has been designing sustainable and innovative solutions for the management of public utilities as a partner of public authorities, businesses and individuals. The Group aims to answer essential needs in electricity, natural gas, energy services, water and waste management.

Delivering the essentials of life is a source of pride as well as a necessity: that of shaping the world of tomorrow. Such is the reason behind the daily commitment of the Group's 149,000 men and women who provide for cities and businesses around the world through partnerships based on performance, innovation and dialog.



SUEZ: UNIQUE EXPERTISE IN NATURAL GAS AND LNG

In the natural-gas sector, SUEZ has been providing tailor-made solutions to customers in both the private and public sectors for more than 100 years. Its experience covers nearly every aspect of the supply chain: supply contracting, processing and transportation, storage, marketing as well as wholesale and retail trading. The Group's specialized companies also provide a range of value-added services from consultancy and engineering to management and maintenance.

SUEZ has been active on the international LNG scene for more than 35 years with expertise covering the entire LNG process, from liquefaction and transport to storage and regasification. It has a strong presence on both sides of the Atlantic Basin with LNG regasification terminals in Zeebrugge, Belgium, and in Everett, Massachusetts and is a leading importer of LNG in the United States.

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Key figures

€47.5 billion in 2007 revenues

1 billion individuals supplied by Degrémont plants

200 million individual customers

500,000 industrial and commercial clients

149,000 employees throughout the world

65,000 MW in power production capacity

3,000 municipalities served daily

4,480 sites covered by a certified environmental management system

600 researchers and experts in **8** R&D centers

80% of revenues generated in Europe

6th gas operator in Europe

5th electricity producer in Europe

2nd supplier of environmental services in Europe

2nd importer of liquefied natural gas in North America

1st supplier of energy and industrial services in Europe



From the IGU Secretariat

These pages feature news items and information from the staff of the Secretariat. However, comments and suggestions of general interest from Members or other organisations may also be displayed here. When submitting contributions to the Secretariat please ensure that any electronic pictures are supplied in a high resolution – 300dpi is the minimum required for print reproduction.

● New members of the Secretariat

After having worked part time for the Secretariat since November 2007, Mrs Åse Nicolaysen took up

the role of Administration Assistant in March. Åse worked in a similar position in the Natural Gas Department of Norsk Hydro before the merger with Statoil. She will be involved in follow up of member services, the IGU website, preparations for IGU meetings and conferences, as well as administrative support to the Secretariat.

Then in April, Florijana Dedović joined us as Assistant to the Secretary General on a two-year secondment from Plinarco of Croatia.

Meanwhile, Barbara Schmid's secondment from RWE has been extended until the end of this year and she is now working as Advisor to the Secretary General.

EG



The staff of the Secretariat are from left to right: Florijana Dedović, Assistant to the Secretary General, Erik Gonder, Advisor and Webmaster, Åse Nicolaysen, Administration Assistant, Torstein Indrebø, Secretary General, Hans Riddervold, Senior Advisor, and Barbara Anette Schmid, Advisor to the Secretary General.

● **IGU is supporting high-level energy dialogue**

The International Energy Forum (IEF) and IGU have agreed to jointly convene a high-level forum for a more active dialogue between players in the global gas industry. The scope of this includes both the dialogue between producers and consumers, and between policy-makers and corporate players. We are therefore now organising the First IEF-IGU Ministerial Gas Forum, hosted by the Austrian Federal Minister for Economic Affairs and Labour, HE Martin Bartenstein, and sponsored by OMV.

The Gas Forum, which is composed of invited Ministers and CEOs plus representatives of international energy organisations, will address the challenges and questions faced as we move from regional markets to a global gas market. The event will take place at the Imperial Residence of the Habsburgs, Hofburg, in Vienna on November 24.

We are very pleased to have received confirmations for participation from Ministers from key gas importing and exporting countries as well as from CEOs of key gas companies and energy majors. During preparations for this important event the IGU Secretariat experienced great support of the members in getting important people on board.

BAS/EG

● **Election of the IGU President for the Triennium 2012-2015**

Preparations for the election of the IGU President for the Triennium 2012-2015 have started. Three Charter Members have applied for this important task: Brazil, France and Qatar.

The election will take place at the Council Meeting in September in Gyeongju, Korea. The candidate elected in Korea will be responsible for hosting the World Gas Conference in 2015 and for preparing and carrying out the 2012-2015 Triennial Work Programme (TWP). The elected candidate will serve as the IGU Vice President for the Triennium 2009-2012 and will be a member of the IGU Management Team.



Pictured in front of the IEF Secretariat in Riyadh, Saudi Arabia, during a visit in February to discuss further cooperation are from left to right: Said Nachet, Energy Director in the IEF Secretariat, Noé van Hulst, Secretary General of IEF, Torstein Indrebø and Barbara Schmid.

The geographical spread of the applicants clearly indicates that the gas industry has become a global industry. The Secretariat has met all candidates to brief them about the tasks awaiting the President of IGU and the requirements related to organising the World Gas Conference.

HR

● **IGU promotes gas efficiency**

The Secretariat has received a wide range of promising proposals for the IGU Gas Efficiency Award 2008 from many Charter Members. An Evaluation Committee comprising the IGU President, Secretary General and Chairman of the Coordination Committee together with the Executive Director of the International Energy Agency, Nobuo Tanaka, and Prof. Dr.-Ing. Rainer Reimert from the University of Karlsruhe in Germany has been established to review the proposals and to decide on the two winning projects which will be awarded with a prize of



€10,000 each. The winners will be announced at the Council meeting in Korea, and the proposals will be featured in the next issue of the IGU Magazine as well as on the IGU website.

There will also be an IGU Gas Efficiency Award for 2009. Once again two prizes will be awarded, and the very best project out of the four winners in 2008 and 2009 will be invited to the World Gas Conference in Buenos Aires. The invitation to Argentina includes free registration for the conference as well as travel and accommodation expenses.

IGU is currently discussing and planning a new award for 2009 which will fall under the pedagogical and educational category to support and promote gas efficient behaviour.

All IGU contacts will receive an invitation in October to send in proposals and circulate information about the award among their own contacts.

In case you have any questions, please contact Barbara Schmid in the IGU Secretariat: basch@statoilhydro.com.

BAS

● **IGU Knowledge Centre**

The Secretariat will continue to serve its Members as regards individual questions on all aspects of the gas industry. We will also rely on assistance from Members regarding relevant information about gas activities in their countries. The cooperation with the two research centres of Total and BP will continue for the remainder of the Argentine Presidency.

The Secretariat has updated the Interactive Maps with statistical and gas intelligence data. Members are encouraged to send the IGU Secretariat relevant links to websites giving information about gas-related issues in their respective countries. It is the Secretariat's ambition to be able to offer Members updated information about the natural gas industry worldwide.

FD

● **Updated IGU publications**

Several IGU publications had to be updated following the transfer of the IGU Secretariat to Norway and StatoilHydro becoming the new host of the Secretariat. The publications are distributed at conferences and energy events, and are an important source of information about IGU. An updated IGU organisation chart with information about the WGC 2009 and the 2006-2009 Triennial Work Programme is now available.

The new organisation chart will be distributed to Members in connection with the Korea meetings and upon request. Details of IGU publications and documents are given on pages 204-205 and for further information please contact Erik Gonder in the IGU Secretariat: ergon@statoilhydro.com.

EG

● **5th Asia Gas Partnership Summit**

The IGU Vice President and the Secretary General attended the 5th Asia Gas Partnership Summit in New Delhi, India, April 14-15, where they gave a keynote speech, chaired a session and participated in a Round Table debate broadcast by Indian Television.

The Summit is organised and sponsored by the Federation of Indian Chambers of Commerce and Industry (FICCI), the IGU Charter Member GAIL and IGU. Our Indian Associate Member Indian Oil Corporation also presented a paper. The conference had attendance at the highest Ministerial level and about 500 participants.

TI

● **Visit to Gazprom facilities in Siberia**

The IGU President, the Secretary General and the Vice Chairman of the Coordination Committee visited Gazprom production facilities in eastern Siberia in April this year. The visit was hosted by Gazprom Dobycha Yamburg – the largest Gazprom producing subsidiary – and one of its objectives was to learn about the challenges of gas operations in remote areas under extreme climatic