

IGU Annual Report 2013



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1. Introduction to IGU

The International Gas Union (IGU) was established in 1931. Its vision is to be the most effective and independent non-profit organisation serving as spokesperson for the gas industry worldwide. As of 31 December 2013, the organisation had 126 members from all over the world. The members are the most representative gas entities in a country, or companies with physical or commercial assets related to the exploration and production, storage, transmission, distribution or trading/marketing of natural gas.

Until 2003, the IGU membership typically consisted of national gas associations or national gas companies with only one member from each country. New members were initially approved as observer members and could later become Charter members.

Following the amendments to the IGU Articles of Association (AoA), approved in September 2002, all current members automatically became Charter members as of 1 January 2003. From then on companies, from any Charter member country and involved in the gas industry, could join IGU as Associate members. Significant interest in becoming an Associate member has prevailed and, with this additional membership model, IGU has broadened its knowledge base and network considerably.

IGU's vision is to advocate natural gas as an integral part of a sustainable global energy system. IGU promotes the political, technical and economic progress of the global gas industry, directly or through its members and in collaboration with other multilateral organisations.

Together, IGU members represent more than 95% of the world's gas market. As a result of the advance of natural gas in the world's energy balance and the increasing number of countries where gas is being used or emerging, IGU is expanding its network in developing countries.

Increasingly, IGU has directed its attention towards the sustainable aspects of natural gas. To this end, it organizes the World Gas Conference (WGC) and currently manages eleven Working and Programme Committees that study all aspects of the gas industry from the wellhead to the burner tip:

WOC 1	Exploration & Production
WOC 2	Storage
WOC 3	Transmission
WOC 4	Distribution
WOC 5	Utilisation
PGC A	Sustainability
PGC B	Strategy
PGC C	Gas Markets
PGC D	LNG
PGC E	Marketing & Communication
PGC F	R&D and Innovation

Special Task Forces are established according to the topics considered in need of particular attention at the time. The Committees and Task Forces present their work to the WGC every three years. During the 2012-2015 triennium, three Task Forces have been established: Task Force 1 on Human Capital, Task Force 2 on Gas Advocacy and Task Force 3 on Geopolitics of Natural Gas. A more detailed description of the IGUs mission and objectives can be found on the IGU website, www.igu.org.

1.1. The IGU Secretariat

The Secretariat is based in Norway. Statoil ASA, the host company of the Secretariat, provides representative offices with all necessary administrative support. At its meeting in Dubrovnik on 6 October 2011, the Council accepted the offer from Statoil to extend the hosting arrangement for an additional three-year period which means that the Secretariat will remain in Norway until December 2016.

The introduction of interactive workshops at the Executive Committee (EXC) and Council meetings has enhanced the sharing of best practice and experience among the membership on important topics. This is considered of great importance as natural gas now has to compete in different new arenas in the climate debate. The activities related to external energy events have increased significantly and have become an important addition to the responsibilities of the Secretariat.

The Secretariat runs a secondment programme and is currently hosting three secondees from its membership community. IGU provides office facilities while the employer covers salary and expatriate cost during the two-year assignment period. IGU can offer international experience, enhanced knowledge of the international gas industry and administrative responsibilities. IGU has

drawn substantial benefit from the secondment programme. The persons seconded provide the Secretariat with important additional capacity and competence which has enabled IGU to take on new responsibilities.

2. Main IGU Activities in 2013

2.1. LNG 17

LNG 17 Conference and Exhibition took place in Houston on 16-19 April 2013 and was the biggest global LNG event this year attracting decision makers and gas industry experts from all over the world. IGU co-organised the event with IIR and GTI. IGU, IGRC 2014 and WGC 2015 all participated, manning a booth which attracted a large number of visitors. Including exhibitors, trade visitors and conference attendees, some 11,500 individuals participated in LNG 17. Records were set in all aspects of the event including:

- 3,605 conference attendees from 83 countries
- 419 abstracts received – a 68% increase on the previous record
- 50 media partners – more than double the previous record

The exhibition was held over 14,000 square metres of space -- a 47% increase on the previous record set by LNG 15, with the participation from 309 contracted exhibitors -- a 79% increase on the previous record set by LNG 16. 4,048 trade visitors attended the exhibition only. LNG 17 sponsorship levels were 68% greater than the previous record.

At the conclusion of LNG 17, the handover was made to Australia, which will host LNG 18 in 2016.

2.2. IGU at the UN Climate Change Conference (COP 19) 11-22 November 2013

Following the successful activities during the course of the previous UN Climate Change Conferences, IGU was also present at COP 19 in Warsaw, Poland. The IGU booth attracted interest in the exhibition area and a special gas-related symposium was organized on 17 November. The symposium took place in the Gas Museum, a part of the offices of PGNiG, IGU's Charter member of Poland and gathered more than 70 participants including 10 high level panellists. The very good support from PGNiG was one of the reasons for the event's success. The symposium concentrated on clean energy development and the technological innovation needed in the energy field.

2.3. IGU Research Conference 2014

The IGRC 2014 event will take place in Copenhagen, Denmark, on 17-19 September 2014 focusing on "Gas Innovations Inspiring Clean Energy". The conference will be hosted by the Danish Gas Technology Center (DGC) on behalf of the Danish Gas Association.

More than 330 papers will be presented in keynote speeches, oral and poster sessions.

Call for papers were issued on 1 November 2013. At the same time registration began.

In addition to the technical conference programme, IGRC 2014 will feature an exhibition of advanced gas technology equipment and services from gas companies and manufacturers around the world.

IGU have decided to sponsor the participation of 35 young individuals in the IGRC 2014 event. The sponsorship will cover the registration fee of the conference, complimentary meals on site and a lump sum destined to pay for the accommodation in Copenhagen. The call for candidatures was issued in December 2013. Academia, research centres, energy companies are the target groups for nominating candidates.

The candidatures will be selected by IGU officials and RD experts on the basis of profile and field of activity relevance. The sponsored participants will all be required to give a feedback from the event by making a presentation or writing an article to the attention of their university or company. By offering this opportunity to the young people IGU wishes to attract talented individuals to the gas industry and to confirm its role as a truly global institution. As education and know-how transfer are one of the IGU's priorities, the sponsorship programme will continue for future IGRCs.

2.4. IGU Gas Award

The IGU Secretariat, together with the Presidency, undertook in 2013 a revision of the IGU Gas Award competition guidelines to achieve the following objectives:

- Contribute to the progress of the gas industry through promoting innovation and sustainability
- Promote IGU as the main and most representative organisation of the global gas industry
- Raise the IGU profile and enhance media coverage
- Facilitate global transfer of technology and know-how

The theme of the award will be linked to the topics deemed to be the key issues for each IGU triennium. It is recommended that one unique award competition is held, under the name of "The IGU Global Gas Industry Award".

The finalists' submissions shall be transferred to the final judging panel which will include the Secretary General, the CC Chair, the President, The IEA Director General and other external experts. The results shall be announced at the IGU Council meeting during the WGC in Paris 2015. The award ceremony will take place during the WGC. Media coverage will be enhanced.

2.5. GasNaturally Initiative

IGU participated in the second GasNaturally Gas Forum for Member States in Brussels on 13 November 2013. The forum was entitled "Making a Clean Future Real". In the context of the current discussions on the 2030 Energy and Climate Framework, the Gas Forum for Member States

discussed the long-term role of natural gas and how energy policy can boost Europe's competitiveness, while meeting climate goals and ensuring security of supply. Beyond the general agreement that natural gas will play a vital role in the future EU energy mix thanks to its flexibility and lower CO₂-emissions, representatives of Member States exchanged views on the outlook for gas demand, its different uses, and its role in future energy systems.

2.6. New members

In 2013, the IGU Council approved the following new Charter members:

- Iraq (State Oil Marketing Company- SOMO)
- Lebanon (Ministry of Energy and Water)

and new Associate members:

- ADNOC Distribution, United Arab Emirates
- INPEX Corporation, Japan
- Petronet LNG Limited, India
- Rasgas Company Limited, Qatar
- Transportadora de Gas del Peru, Peru

The total membership at the end of 2013 amounted to 126, of which 43 were Associate members and 83 Charter members. The IGU members list is enclosed.

The membership fee for 2013 was EUR 5,000 per year, for both Charter and Associate members.

3. Meetings of IGU Bodies

IGU's governing bodies are the Council, the Executive Committee (EXC) and the Coordination Committee (CC). The Council is the main ruling body of IGU in which each member is represented. The EXC governs IGU in accordance with the aims and means approved by the Council.

The Secretariat ensures that IGU business is conducted in accordance with the Articles of Association (AoA) and the directions of the President, the Council, the EXC and the Management Team.

The function of the CC is to coordinate the activities of the IGU Working and Programme Committees, and Task Forces and to provide for all arrangements relevant to the Triennial Working Programme (TWP) for the next WGC.

During 2013 the following meetings of these bodies took place:

Council:

Beijing, China, 24 October 2013

Executive Committee:

Seville, Spain, 10 April 2013

Beijing, China, 23 October 2013

Coordination Committee:

Seville, Spain, 9 April 2013

Beijing, China, 22 October 2013

4. Cooperation with International Organizations

IGU is generally aiming at increasing cooperation with other international organisations to avoid overlap, to benefit from each other's activities and work programmes and to increase its visibility on the global arena.

International Energy Agency (IEA)

IGU cooperates closely with IEA with representatives from IEA participating to various IGU events and with IGU contributions to IEA events.

UNIDO and the World Bank (WB)

IGU together with the United Nations Industrial Development Organization (UNIDO), Sustainable Energy for All (SE4ALL), the Economic Community of West African States (ECOWAS) Commission, the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) and the IGU Charter member of Côte d'Ivoire, Petroci, have successfully carried out a seminar on "Access to Sustainable Energy for All with Gas". The seminar took place in Abidjan, Côte d'Ivoire, on 4-5 November 2013. Further activities are planned to enhance access to sustainable energy and economic development with gas.

UNESCO

On December 10, 2013, IGU partnered with UNESCO to hold a workshop on Women in Engineering in Africa and the Arab States at the UNESCO headquarters in Paris. Eminent speakers from both regions, IHU and UNESCO focused on four issues: the need for mentoring and role models; educational opportunities for girls; social and cultural issues; political issues in African and Arab nations. The workshop was sponsored by Total, GDF Suez, Oman LNG and Qatargas.

United Nations Economic Commission for Europe (UNECE)

IGU participates in the annual meeting of UNECE Committee on Sustainable Energy and in the annual meeting of UNECE's Working Party on Gas with presentations.

International Energy Forum (IEF)

IGU and IEF organize the Ministerial Gas Forum every two years to bring together industrial and political leaders to discuss the role of natural gas in energy policies around the world.

World Energy Council (WEC)

The Secretary General of IGU represents the Union in the meetings of the Executive Assembly of World Energy Council, and IGU normally participates in the gas sessions of the World Energy Congress organized by WEC.

World Petroleum Council (WPC)

IGU normally participates in the natural gas sessions at the Congresses organized by World Petroleum Council and the Secretary General attends its annual meetings.

Co-ordination with LNG Organisations

IGU, US Centre for LNG (CLNG), International Group of Liquefied Natural Gas Importers (GIIGNL), European LNG terminal capacity-holders organisation, which is the branch within Gas Infrastructure Europe (GIE) dealing with LNG infrastructure (GLE), and Society of International Gas Tanker and Terminal Operators (SIGTTO), signed in November 2008 a Protocol for the coordination of activities and the exchange of information. The objective of this Protocol is to establish guidelines that reduce overlap, avoid inconsistencies between data and reports produced, while improving communication among the Protocol members. IGU is represented by the Chair of PGC D LNG.

4.1. Affiliated organizations

It is the declared policy of IGU to increase and rationalize co-operation with other international organizations within the energy sector. The expression “affiliation” might be used to describe a pragmatic closer working co-operation and rationalization between IGU and a number of global or regional organizations within the energy industry.

An organization/association being "Affiliated with IGU" should fulfil the following criteria:

- An independent entity dealing only or primarily with gas
- A global or regional entity having members in more than one state
- An entity which deals with issues of interest to IGU, which may become either an integrated or separate part of the current TWP.

In such cases an agreement may be entered into between the parties, stipulating that the entity in question is Affiliated with IGU. By the end of 2013 the following organizations were Affiliated with IGU:

- Energy Delta Institute (EDI),
- Gas Technology Institute (GTI),
- GERG (European Gas Research Group),

- Gas Infrastructure Europe (GIE),
- The International Group of Liquefied Natural Gas Importers (GIIGNL),
- NGVEurope
- NGV Global (IANGV) (Earlier: International Association for Natural Gas Vehicles)
- The International Pipeline & Offshore Contractors Association (IPLOCA),
- Marcogaz,
- Pipeline Research Council International, Inc (PRCI), and the
- Russian National Gas Vehicle Association (NGVRUS).

5. Publications

The vision of IGU is to be the spokesperson for the gas industry worldwide. Official publications by IGU are important means to accomplish this. These publications, consisting of various position papers, recommendations and results of IGU-organized or joint studies, serve to enhance the image, authority and global reach of IGU in the local and global gas context. Such publications are available either online and/or in printed form.

The types of IGU publications are defined as follows:

1. Papers and Reports produced by Technical Committees and Task Forces under the umbrella of the CC
2. Papers and Reports commissioned by the IGU Presidency and/or Secretariat
3. Papers and Reports presented during conferences
4. Joint publications with other organisations

The following publications can be obtained from the IGU Secretariat:

- IGU Articles of Association
- Triennial Work Programme
- IGU Organization Chart
- IGU General Brochure
- Global Vision for Gas: the Pathway towards a Sustainable Energy Future (June 2012)
- IGU Shale Gas: the Facts about the Environmental Concerns (June 2012)
- IGU Guiding Principles for Sustainable Development (October 2009)
- Natural Gas - Part of the Solution to Global Climate Change
- Natural Gas as a Transportation Fuel (November 2009)
- IGU Gas Efficiency Award Social Gas Award 2009-2012
- Natural Gas Unlocking the Low-Carbon Future (September 2010)
- IGU Strategic Statement
- IGU Gas Price Report (July 2013)

- IGU World LNG Report (June 2013)



Scientific and technical papers and documentation

- Proceedings of the 23rd World Gas Conference, Amsterdam 2006 (CD-ROM)
- Sustainable Development and the Role of Gas (2006)
- Gas to Power Global Outlook (2006)
- The Art of Regulation (2006)
- Proceedings of the 22nd World Gas Conference, Tokyo 2003
- Proceedings of the 17th, 18th, 19th, 20th and 21st World Gas Conferences (CD-ROM)
- International Gas Union, ISC, all issues of the bi-annual IGU Magazine from 2004-2013

Most of the publications listed above can be found on the website together with further information regarding IGU activities.

6. Communication and Gas Advocacy

Communication both within the IGU organisation, and in particular with stakeholders outside the gas industry, such as policy makers and regulators, has been a priority area in 2013.

IGU maintains a close relationship with members by attending annual meetings and special events – whenever possible. In 2013 the President, the Secretary General, the CC Chair the Vice President, the Immediate Past President and dedicated members from IGU Committees and the Secretariat gave presentations at numerous events both within IGU and at different external events.

6.1. Global Voice for Gas

At the World Gas Conference in Kuala Lumpur June 2012 IGU published the report “Global Vision for Gas”. As a continuation of this initiative IGU activated a project realizing the IGU ambition of becoming the global spokesperson for natural gas – “The Global Voice for Gas” which will include setting up a web based global gas portal as well as other activities informing policymakers, non-governmental organizations and academia about the benefits of natural gas as an effective and environmental friendly energy source.

7. The IGU website

Currently, the IGU website, www.igu.org, contains information and data organized as follows:

- Public information available without log-in details consisting of general and detailed information about IGU, its member organisations, its publications and its documentation. It also contains general information from the CC, a link to WGC2015, numerous links to related organisations/energy entities as well as an event calendar.
- Members-only information requiring username and password including internal messages and documents circulated within the organisation as well as complete membership representatives' contact details.

IGU organisation

The Management Team

<i>The President</i>	<i>Mr Jérôme Ferrier, France</i>
<i>The Vice President</i>	<i>Mr David Carroll, USA</i>
<i>The Immediate Past President</i>	<i>Datuk Abdul Rahim Hashim, Malaysia</i>
<i>The Secretary General</i>	<i>Mr Torstein Indrebø, Norway</i>
<i>The Chair of the Coordination Committee</i>	<i>Mr Georges Liens, France</i>
<i>The Vice Chair of the Coordination Committee</i>	<i>Mr Mel Ydreos, USA</i>

IGU Council

Each Charter member of IGU is represented in the Council by two delegates and each Associate member, by one delegate.

Executive Committee 2012-2015 consists of:

- *The Management Team members*
- *Representatives of the Charter members with responsibility for an IGU committee:*

<i>WOC 1 Exploration & Production</i>	<i>Brazil</i>	<i>Mr Luis Domenech</i>
<i>WOC 2 Storage</i>	<i>Slovakia</i>	<i>Mr Pavol Janocko</i>
<i>WOC 3 Transmission</i>	<i>Argentina</i>	<i>Mr Javier Gremes Cordero</i>
<i>WOC 4 Distribution</i>	<i>Germany</i>	<i>Mr Walter Thielen</i>
<i>WOC 5 Utilization</i>	<i>Russian Federation</i>	<i>Mr Evgueni Ryazantsev</i>
<i>PGC A Sustainability</i>	<i>Japan</i>	<i>Mr Hiroyuki Wada</i>

<i>PGC B Strategy</i>	<i>Algeria</i>	<i>Mr Abdelhamid Zerguine</i>
<i>PGC C Gas Markets</i>	<i>Republic of Korea</i>	<i>Mr Jae-Seob Kim</i>
<i>PGC D LNG</i>	<i>Netherlands</i>	<i>Mr Gertjan Lankhorst</i>
<i>PGC E Marketing</i>	<i>Spain</i>	<i>Mr Antoni Peris Mingot</i>
<i>PGC F R&D and Innovation</i>	<i>USA</i>	<i>Mr Dave McCurdy</i>

- *Six representatives elected from the Charter members:*

<i>Australia</i>	<i>Ms Cheryl Cartwright</i>
<i>Canada</i>	<i>Mr Timothy M. Egan</i>
<i>China</i>	<i>Ms Li-Xin Che</i>
<i>Denmark</i>	<i>Mr Jean Schweitzer</i>
<i>Norway</i>	<i>Mr Runar Tjersland</i>
<i>Qatar</i>	<i>Mr Jupiter Ramirez</i>

- *Five representatives elected from the Associate members:*

<i>CNPC</i>	<i>Mr Xia Yongjiang</i>
<i>GDF SUEZ</i>	<i>Ms Valerie Ruiz-Domingo</i>
<i>IBP</i>	<i>Ms Cynthia Silveira</i>
<i>Shell</i>	<i>Mr Chris Gunner</i>
<i>TAQA</i>	<i>Mr Khaled Abubakr</i>

Coordination Committee

<i>Chair:</i>	<i>Mr Georges Liens</i>
<i>Secretary</i>	<i>Mr Yves Tournie</i>

Reporting to the CC are the 11 IGU Committees and three Task Forces, each with a number of study groups.

For further information please refer to the 2012-2015 TWP on the IGU website.

Chairman of the National Organising Committee for WGC 2015:

Mr Daniel Paccoud

Please visit the website for WGC2015- www.wgc2015.org

Regional Coordinators

Regional Coordinator North America

Mr Timothy M EGAN; CEO

*Canadian Gas Association
Canada*

*Regional Coordinator South America and The Caribbean
Ms Cynthia SILVEIRA; Director
Total Gas and Power
Brazil*

*Regional Coordinator Europe
Mr Gertjan LANKHORST; President Royal Dutch Gas Association-KVGN, CEO GasTerra B.V.
The Netherlands*

*Regional Coordinator Russia, Black Sea and The Caspian
Mr Marcel KRAMER; Independent Consultant
The Netherlands*

*Regional Coordinator Asia and Asia Pacific
Mr Kang Soo CHOO; Honorary Chairman
Korea Gas Union
Korea, Republic of*

*Regional Coordinator Middle East and Africa
Mr Khaled AbuBakr; Chairman
TAQA Arabia
Egypt*

Wise Persons' Group:

*Mr Nobuo Tanaka; Global Associate for Energy Security and Sustainability
Institute of Energy Economics
Japan*

*Prof. Dr. Coby van der Linde; Head Clingendael International Energy Programme
Clingendael
Netherlands*

*Dr Daniel Yergin; Vice Chairman of IHS
IHS
USA*

*Dr Kandeh K. Yumkella; Under-Secretary-General
Special Representative of the Secretary-General & CEO
UN - Sustainable Energy for All
Austria*

Secretariat of International Gas Union

<i>Secretary General</i>	<i>Mr Torstein Indrebø</i>
<i>Director:</i>	<i>Ms Carolin Jeanet Oebel</i>
<i>Communication Manager</i>	<i>Mr Sjur Bøyum</i>
<i>Senior Advisor to the Secretary General</i>	<i>Mr Mats Fredriksson</i>
<i>Senior Advisor to the Secretary General</i>	<i>Ms Ksenia Gladkova</i>
<i>Advisor to the Secretary General</i>	<i>Ms Khadija Al Siyabi</i>
<i>Administrative Consultant</i>	<i>Ms Anette Sørum Nordal</i>
<i>Special Projects</i>	<i>Mr Hans Riddervold</i>

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Sandvika, 22 March 2014



*Torstein Indrebø
Secretary General of IGU*

Countries represented in IGU as per 31 December 2013

Albania (ERE – Albanian Energy Regulator)
Algeria (Association Algérienne de l'Industrie du Gaz (AIG))
Angola (Sonangol Gás Natural (Sonagas))
Argentina (Instituto Argentino del Petróleo & del Gas)
Australia (Australian Gas Industry Trust c/o Energy Networks Association)
Austria (Österreichische Vereinigung für das Gas- und Wasserfach (ÖVGW))
Azerbaijan (State Oil Company of Azerbaijan Republic - SOCAR)
Belgium (Association Royale des Gaziers Belges)
Bosnia and Herzegovina (Gas Association of Bosnia and Herzegovina)
Brazil (Associação Brasileira das 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 Rep. of (China Gas Society)
Colombia (Asociacion Colimbiana de Gas Natural – NATURGAS)
Croatia (Croatian Gas Association)
Cyprus
Czech Republic (Czech Gas Association)
Denmark (Dansk Gas Forening - Danish Gas Association)
Egypt (Egyptian Gas Association)
Equatorial Guinea (Sociedad Nacional de Gas de G.E. (SONAGAS))
Estonia (Estonian Gas Association)
Finland (Finnish Natural Gas Association)
France (Association Française du Gaz (AFG))
Germany, Fed. Rep. Of (Deutsche Vereinigung des Gas- und Wasserfaches e.V. (DVGW))
Greece (Public Gas Corporation of Greece S.A. (DEPA))
Hong Kong, China (The Hong Kong & China Gas Co. Ltd.)
India (Gas Authority of India Ltd. (GAIL))
Indonesia (Indonesian Gas Association (IGA))
Iran (National Iranian Gas Company (NIGC))
Iraq (State Oil Marketing Company/ Ministry of Oil - SOMO)
Ireland (Irish Gas Association - Bord Gais Eireann)
Israel (The Israel Institute of Energy and Environment)
Italy (Comitato Italiano Gas (CIG))
Ivory Coast- Cote d'Ivoire (Société Nationale d'Opérations Pétrolières – PETROCI Holding)
Japan (The Japan Gas Association)
Kazakhstan (KazTransGas JSC)
Korea, Republic of South (The Korea Gas Union)
Latvia (Latvijas Gaze)
Lebanon (Ministry of Energy and Water)
Libya (National Oil Corporation of Libya)

Lithuania (Lithuanian Gas Association)
Macedonia, Republic of (Macedonian Gas Association)
Malaysia (Malaysian Gas Association - c/o Petronas)
Mexico (Asociación Mexicana de Gas Natural, A.C.)
Monaco (Société Monégasque de l'Électricité et du Gaz (SMEG))
Mongolia (Baganuur Joint Stock Company)
Morocco (Fédération de L'Énergie de la Confédération Générale des Entreprises du Maroc -CGEM)
Mozambique (Empresa Nacional de Hidrocarbonetos, E.P. (ENH))
Netherlands, The (Royal Dutch Gas Association- Koninklijke Vereniging van Gasfabrikanten in Nederland (KVGN))
Nigeria (Nigerian Gas Association c/o Nigerian LNG Ltd.)
Norway (Norwegian Petroleum Society - Norwegian Gas Association)
Oman, Sultanate of (Oman LNG L.L.C.)
Pakistan (Petroleum Institute of Pakistan)
Peru (Perúpetro S.A)
Poland (Polish Gas Association (PZITS))
Portugal (AGN - Associação Portuguesa das Empresas de Gás Natural)
Qatar (Qatar Liquefied Gas Company Ltd. (Qatargas))
Romania (S.N.G.N. Romgaz S.A.)
Russian Federation (Gazprom JSC)
Saudi Arabia (Saudi Aramco - Development Department)
Serbia, Republic of (Gas Association of Serbia)
Singapore (SP PowerGrid Limited)
Slovak Republic (Slovak Gas and Oil Association)
Slovenia (GEOPLIN)
South Africa (South African Gas Development Company (Pty) Ltd.)
Spain (Spanish Gas Association - Asociación Española del Gas (SEDIGAS))
Sweden (Swedish Gas Association-Svenska Gasföreningen)
Switzerland (SWISSGAS)
Taiwan, China (The Gas Association of the Republic of China, Taipei)
Thailand (PTT Public Company Ltd. - Petroleum Authority of Thailand)
Timor-Leste (Timor Gas & Petroleum, E.P -Timor GaP)
Trinidad and Tobago (The National Gas Company of Trinidad and Tobago Limited)
Tunisia (Association Tunisienne du Pétrole & du Gaz (ATPG) c/o ETAP)
Turkey (BOTAŞ)
Ukraine (Naftogaz of Ukraine)
United Arab Emirates (Abu Dhabi Liquefaction Company Ltd. (ADGAS))
United Kingdom (The Institution of Gas Engineers and Managers)
USA (American Gas Association)
Uzbekistan (Uzbekneftegaz (UNG))
Venezuela (Petróleos de Venezuela S.A. (PDVSA))
Vietnam (Vietnam Oil and Gas Company)

Associate members as per 31 December 2013

ADNOC Distribution (United Arab Emirates)
Australian Petroleum Production & Exploration Association (APPEA)(Australia)
BG Group plc (BG) (United Kingdom)
BP Gas Marketing Limited (United Kingdom)
Bursagaz (Turkey)
Cheniere Energy, Inc. (USA)
Chevron Global Gas (USA)
China National Petroleum Corporation-CNPC (P.R. of China)
ConocoPhillips Company (USA)
Det Norske Veritas (DNV) (Norway)
E.ON Global Commodities (Germany)
Eurogas
ExxonMobil Gas & Power Marketing (USA)
Gaslink - Gas System Operator Ltd (Gaslink) (Ireland)
GasTerra (The Netherlands)
GAZBIR- Association of Natural Gas Distribution Companies of Turkey
(Turkey)
GDF SUEZ (France)
IGDAŞ - Istanbul Gas Distribution Co. (Turkey)
Indian Oil Corporation Limited (India)
INPEX Corporation (Japan)
Instituto Brasileiro de Petróleo, Gás e Biocombustíveis (Brazil)
KEMA Nederland BV (The Netherlands)
Liander N.V. (The Netherlands)
NV Nederlandse Gasunie (The Netherlands)
OMV Gas & Power (Austria)
Origin Energy Limited (Australia)
Petróleo Brasileiro S.A. - Petrobras (Brazil)
Petronet LNG (India)
Rasgas Limited (Qatar)
Repsol (Spain)
Russian Gas Society (Russia)
Shell International Explorations & Production BV(The Netherlands)
Sonorgás (Portugal)
Spetsneftegaz NPO JSC (Spetsneftegaz) (Russia)
Swiss Gas and Water Industry (Switzerland)
TAQA, Arab Company for Energy (Egypt)
TBG - Transportadora Brasileira Gasoduto Bolivia-Brasil S/A (Brazil)
TOTAL S.A. (France)
Transportadora de Gas del Perú (Peru)
Vopak LNG Holding BV (Vopak LNG) (The Netherlands)
Westnetz GmbH- (Germany)

Wintershall (Germany)
Woodside Energy Ltd. (Australia)

(SB/TI 1.3.14)