

IGU Annual Report 2014



IGU Annual Report 2014

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 2014, the organisation had 142 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 97% 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 end of October 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 2014

2.1. IGRC 2014

IGRC 2014 took place in Copenhagen, Denmark on 17-19 September 2014. The conference was hosted in a very professional way by the Danish gas association, on behalf of IGU. The conference had

- 761 conference attendees from 46 countries
- 400 papers from 38 countries
- 770 abstracts received – from 44 countries
- 21 exhibitors

Awards were presented to two outstanding papers on the “High temperature gas heat pumps to recover industrial waste heat”; by Julien Duclos, Dominique Gosselin & Philippe Buchet, GDF Suez and “Gas quality tracking in distribution grids with Smartsim - a new kernel for flow calculation” by Andreas Hielscher, Christian Fiebig, Roland Span, Peter Schley & Joachim Schenk Ruhr University Bochum.

This time IGU sponsored 75 young students from around the world with access to the conference and support for their stay by using some of the money that was transferred to IGU as the IGRC foundation was closed and integrated into PGC F.

At the conclusion of IGRC 2014, the handover was made to Brazil, who will host IGRC 2017 in May 2017.

2.2. Ministerial Gas Forum

The 4th IGU-IEF Ministerial Gas Forum took place in Acapulco, Mexico on 12 November 2014, where around 100 high level officials attended including Ministers, Vice-ministers, ambassadors, CEOs and high representatives. The forum has been established to become a regular platform for Ministers and senior decision makers to discuss key developments in the gas industry, and is by invitation only.

It was generously hosted by the Mexican Ministry of Energy and the theme was "The Role of Gas in Energy Security and Sustainable Economic Development".

2.3. 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.

2.4. GasNaturally Initiative

IGU participated in two of GasNaturally’s (GN) Gas Week activities in Brussels on 18 November 2014. Two sessions were held that day, “Gas: Helping Europe deliver on its 2030 agenda” and “Gas Infrastructure for EU Energy Security”. IGU have representation in the Gas Naturally Steering Committee (SC) and are involved in GN activities in the European energy market. The SC meets every second month to discuss GN activities.

2.5. New members

In 2014, the IGU Council approved the following new Charter members:

- Armenia, represented by the Union of Gas Companies
- Bahrain, represented by The National Oil & Gas Authority (NOGA)
- Belarus, represented by Gazprom Transgaz Belarus
- Bolivia, represented by Yacimientos Petrolíferos Fiscales Bolivianos (YPFB)
- Chile, represented by Natural Gas Distributors Association (AGN)
- Hungary, represented by Hungarian Electricity Company (MVM)
- Kuwait, represented by Kuwait Petroleum Corporation (KPC)
- Yemen, represented by Yemen LNG

and new Associate members:

- Anadarko Petroleum Corporation, United States
- Bureau Veritas, France

- China LNG Association, People's Republic of China
- ENI, Italy
- Indonesian Gas Society (IGS), Indonesia
- Korea Gas Corporation (KOGAS), Korea
- Mongolian Energy Economic Institute, Mongolia
- PT Pertamina (Persero), Indonesia
- Santos Ltd, Australia

The total membership at the end of 2014 amounted to 142, of which 51 were Associate members and 91 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:

Berlin, Germany, 16 October 2014

Executive Committee:

Sydney, Australia, 02 April 2014

Berlin, Germany, 15 October 2014

Coordination Committee:

Sydney, Australia, 02 April 2014

Berlin, Germany, 14 October 2014

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.

World Bank (WB)

IGU and The World Bank have signed a two year MOU (September 2014), on collaboration in carrying out activities conducive to enhancing technology- and knowledge- transfer. The initial planning meeting took place in November 2014. The IGU will together with The World Bank and possible other International organisations work out a program for 2015-2016 where Conferences, possible training programs and other activities will be discussed.

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.

The G20 Energy Sustainability Working Group (ESWG)

IGU has attended meetings in the ESWG and related workshops in 2013 and 2014. The topics have been related to transparency and investments, gas market dialogue, global energy architecture, energy efficiency, and access to sustainable energy.

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 2014 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).
- World LPG Association

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 2014)
- IGU World LNG Report (April 2014)



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 2014.

IGU maintains a close relationship with members by attending annual meetings and special events – whenever possible. In 2014 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. Building for the future

In light of the changes in the global gas markets and the growth of the Union in recent trienniums, the “Building for the Future” (BFTF) project has been introduced in IGU in October 2014 during the Council meeting in Berlin. This was also an action in response to a survey launched by the incoming U.S. Presidency discussing IGU membership in 2014, where three quarters of the members responded that IGU’s growing advocacy was of extreme importance to them.

The project’s objectives are as follows:

- Ensure a platform for growth and continuity in IGU and that it is properly positioned for the future
- Support the IGU strategic projects aiming to support advocacy for gas globally by finding a reliable funding solution

The project scope will include:

- Revisiting the vision, mission, and objectives of IGU
- Defining strategic focus of IGU
- Reviewing and revising the membership fee structure
- Reviewing and revising the IGU Articles of Association (AoA)

A dedicated team headed by Secretary General, Pål Rasmussen, was appointed in Berlin to work on this strategic project, comprised of a Working Group, as well as a Reference Group covering members including charter and associates, upstream and downstream members and also ensuring different-sized entities members.

7. The IGU website

The new IGU website, www.igu.org, contains information aimed at informing about gas to the public. The focus has been changed from being mostly targeted at IGUs members to influencers. The old information is still there, but now on a lower place in the web sites structures.

IGU organisation as of 31 December 2014

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 Pål Rasmussen, 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 Augusto Salomon</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 Gerald Linke</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 Kyoji Tomita</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 Antony Peris Mingot</i>

PGC F R&D and Innovation

USA

Mr Dave McCurdy

- Six representatives elected from the Charter members:

Australia	Ms Cheryl Cartwright
Canada	Mr Timothy M. Egan
China	Ms Li-Xin Che
Denmark	Mr Jean Schweitzer
Norway	Mr Runar Tjersland
Qatar	Mr Paco Freens

- Five representatives elected from the Associate members:

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

Coordination Committee

Chair:	Mr Georges Liens
Secretary	Mr Yves Tournie

Reporting to the CC are the eleven 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.

Chair of the National Organising Committee for WGC 2015:

Mr Daniel Paccoud

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

Secretariat of International Gas Union

Secretary General	Mr Pål Rasmussen
Honorary Secretary General	Mr Torstein Indrebø
Director	Mr Mats Fredriksson
Senior Advisor to the Secretary General	Mr Sjur Bøyum
Senior Advisor to the Secretary General	Ms Khadija Al Siyabi

Administration Consultant

Ms Anette Sørum Nordal

Postal address:

*International Gas Union
Office of the Secretary General
c/o Statoil
P.O. Box 3
N – 1330 Fornebu, Norway*

Visiting address:

*Malmskriverveien 35
Sandvika
Norway*

Phone: +47 51 99 00 00

Fax: +47 22 53 43 40

E-mail: secrigu@statoil.com

Sandvika, 23 February 2015



Pål Rasmussen

Secretary General of IGU

Countries represented in IGU as per 28 October 2014

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)
Armenia (Union of Gas Companies of Armenia- UGCA)
Australia (Australian Gas Industry Trust c/o Energy Networks Association)
Austria (Österreichische Vereinigung für das Gas- und Wasserfach (ÖVGW))
Azerbaijan (State Oil and Gas Company of Azerbaijan Republic – SOCAR)
Bahrain (The National Oil and Gas Authority- NOGA)
Belarus (Gazprom Transgaz Belarus)
Belgium (Association Royale des Gaziers Belges)
Bolivia (Yacimientos Petrolíferos Fiscales Bolivianos- YPFB)
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)
Chile (Natural Gas Distributors Association- AGN)
China, People's Rep. of (China Gas Association)
Columbia (Asociacion Colombiana de Gas Natural – Naturgas)
Croatia (Croatian Gas Association)
Cyprus (Ministry of Energy, Commerce, Industry and Tourism)
Czech Republic (Czech Gas Association)
Denmark (Dansk Gas Forening - Danish Gas Association)
Egypt (Egyptian Gas Association)
Equatorial Guinea (Sociedad Nacional de Gas G.E. (SONAGAS))
Estonia (Estonian Gas Association)
Finland (Finnish Natural Gas Association)
France (Association Française du Gaz (AFG))
Germany, Fed. Rep. of (Deutsche Verein 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.)
Hungary (Hungarian Electricity Plc (MVM)- Hungarian Gas Trade)
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 Petroleum & Environment)
Italy (Comitato Italiano Gas (CIG))
Ivory Coast – Cote d’Ivoire (Société Nationale d’Opérations Pétrolière de la Cote d’Ivoire – PETROCI Holding)
Japan (The Japan Gas Association)
Kazakhstan (KazTransGas JSC)
Kuwait (Kuwait Petroleum Corporation- KPC)
Latvia (Latvijas Gaze)
Lebanon (Ministry of Energy and Water)
Libya (National Oil Corporation of Libya)
Lithuania (Lithuanian Gas Association)
Macedonia (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 (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.G.)

Pakistan (Petroleum Institute of Pakistan)
Peru (Perúpetro S.A.)
Poland (Polish Gas Association (PZITS))
Portugal (AGN – Associação das Empresas de Gás Natural)
Qatar (Qatar Liquefied Gas Company Ltd. (Qatargas))
Republic of Korea (The Korea Gas Union)
Romania (S.N.G.N. Romgaz S.A.)
Russian Federation (Gazprom JSC)
Saudi Arabia (Saudi Aramco - Development Department)
Serbia (Gas Association of Serbia)
Singapore (SP PowerGrid Ltd.)
Slovakia (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 Gasöreningen)
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 & Petroleo, 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 (BOTAS)
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)
Yemen (Yemen LNG)

Associate members as per 28 October 2014

1. Abu Dhabi National Oil Company (ADNOC) Distribution (United Arab Emirates)
2. Anadarko Petroleum Corporation (APC) (USA)
3. Australian Petroleum Production & Exploration Association (APPEA) (Australia)
4. BG Group plc (BG) (United Kingdom)
5. BP Gas, Power & Renewables (United Kingdom)
6. Bureau Veritas (France)
7. Bursagaz (Turkey)
8. Cheniere Energy, Inc. (USA)
9. Chevron Global Gas (USA)
10. China LNG Association (P.R. of China)
11. China National Petroleum Corporation – CNPC (P.R. of China)
12. ConocoPhillips Company (USA)
13. Det Norske Veritas Germanischer Lloyd (DNV GL) (Norway)
14. ENI (Italy)
15. E.ON Global Commodities (Germany)
16. Eurogas
17. ExxonMobil Gas & Power Marketing (USA)
18. Gaslink - Gas System Operator Ltd (Gaslink) (Ireland)
19. GasTerra (The Netherlands)
20. GAZBIR- Association of Natural Gas Distribution Companies of Turkey (Turkey)
21. GDF SUEZ (France)
22. IGDAŞ - Istanbul Gas Distribution Co. (Turkey)
23. Indian Oil Corporation Limited (India)
24. Indonesian Gas Society (IGS) (Indonesia)
25. INPEX Corporation (Japan)
26. Instituto Brasileiro de Petróleo, Gás e Biocombustíveis (Brazil)
27. Korea Gas Corporation (KOGAS) (Republic of Korea- South Korea)
28. Liander N.V. (The Netherlands)
29. Mongolian Energy Economic Institute (Mongolia)

30. NV Nederlandse Gasunie (The Netherlands)
31. OMV Gas & Power (Austria)
32. Origin Energy Limited (Australia)
33. PT Pertamina (Persero), Indonesia
34. Petróleo Brasileiro S.A. - Petrobras (Brazil)
35. Petronet LNG (India)
36. Rasgas Limited (Qatar)
37. Repsol (Spain)
38. Russian Gas Society (Russia)
39. Santos Ltd (Australia)
40. Shell International Explorations & Production BV (The Netherlands)
41. Sonorgás (Portugal)
42. Spetsneftegaz NPO JSC (Spetsneftegaz) (Russia)
43. Swiss Gas and Water Industry (Switzerland)
44. TAQA, Arab Company for Energy (Egypt)
45. TBG - Transportadora Brasileira Gasoduto Bolivia-Brasil S/A (Brazil)
46. TOTAL S.A. (France)
47. Transportadora de Gas del Peru (Peru)
48. Vopak LNG Holding BV (Vopak LNG) (The Netherlands)
49. Westnetz GmbH (Germany)
50. Wintershall (Germany)
51. Woodside Energy Ltd. (Australia)

(SB 14.04.15)