

IGU Annual Report 2011



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Introduction to IGU

The International Gas Union, which was established in 1931, is an international non-profit organisation. As of 31 December 2011, the organisation had 118 members from all over the world. The members are the most representative gas entity 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 then later become Charter members.

Following the changes in the IGU Articles of Association (AoA) approved in September 2002, all current members at the time automatically became Charter members as of 1 January 2003. From then on, companies related to the gas industry from any Charter member country could join the 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 the network considerably.

A main objective of IGU is to promote the political, technical and economic progress of the gas industry world-wide, by facilitating the exchange of information, both technological and of a more general, business-oriented nature. Increasingly IGU has directed its attention towards the sustainable aspects of natural gas. To this end, it organises the World Gas Conference (WGC) and currently manages ten Working and Programme Committees that study all aspects of the gas industry from the wellhead to the burner tip. Special Task Forces are established according to what topics are considered in need of particular attention or focus at the time. The Committees and Task Forces present their work to the World Gas Conference every three years.

IGU's vision is: "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 world-wide."

A more detailed description of IGU's mission and objectives can be found on the IGU website, www.igu.org.

Together, IGU's members cover 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 with developing countries.

The Secretariat

The Secretariat was transferred from Denmark to Norway with effect from 1 November 2007 for a

minimum period of six years. Statoil ASA, the host company of the Secretariat, provides representative offices with all necessary administrative support at their premises at Kjørbo, Sandvika, outside Oslo. In its meeting in Dubrovnik on 6 October 2011 the Council accepted the offer from Statoil to extend the hosting period for an additional three-year period.

The introduction of interactive workshops at the Executive Committee 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 has a secondment programme currently hosting two seconders 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, administrative responsibilities etc. 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.

Main IGU Activities in 2011

Election of IGU Presidency for the period 2015 - 2018

The Council meeting in Dubrovnik 6 October elected USA and the American Gas Association as the host for the WGC 2018, and David Carroll, CEO of GTI, as President for the period 2015 – 2018.

International Gas Union Research Conference (IGRC)

The IGU Research Conference, IGRC 2011 was hosted by the Korea Gas Union in Seoul, South Korea from 19 – 21 October 2011 and continued the tradition of providing a valuable forum for the international research community to discuss technology developments and share best practices. The theme was “*Innovation is the key to a sustainable energy future*”, and the conference attracted more than 500 delegates from 39 countries. Altogether 285 abstracts were received, 210 posters presented in poster sessions and six workshops held. A total of 51 speakers provided insight regarding the latest technological developments and 40 exhibitors offered information to the delegates. The conference programme offered a good balance between the short-, mid- and long-term perspective, focusing on the interface between gas business and gas research.

IGRC 2014 will be hosted by the Danish Gas Technology Centre, on behalf of the Danish Charter member. The event is well under way and will take place from 17 – 19 September 2014 in Copenhagen.

UN Climate Change Conference (COP 17)

At COP 17 which took place in Durban, South Africa, in early December 2011, IGU was present

with an information stand. Supported by the Ministry of Energy of South Africa and the South African IGU member CEP, IGU organised a special Gas Symposium in connection with COP 17 under the headline “*Natural gas; powering the low carbon economy and facilitating access to energy*”. The purpose was to inform the COP 17 delegates, press, public servants, non-governmental organisations (NGOs) and other stakeholders on how the gas industry can contribute to providing access to energy and to mitigating climate change in the context of the broader energy picture.

IGU members and other partners supported the event by providing speakers from UNIDO, IEA, and the National Reform and Development Commission of the People’s Republic of China. Financial assistance as well as speakers were provided by Statoil and E.ON Ruhrgas.

The UN Climate Change Conferences have proven an important arena for addressing the important role gas has in a climate perspective. IGU plans a similar presence at COP18, which is scheduled to take place in Qatar in December 2012.

EU Energy Roadmap 2050

The European Commission is working on the Energy Roadmap 2050 which was published in December 2011. The Roadmap aims to establish guidelines for the future energy mix in Europe, and is expected to make a significant impact on the EU countries’ energy policy.

IGU is cooperating with other gas associations based in Europe (Eurogas, GIE, GIIGNL, Marcogaz, GERG and OGP) in a Joint Gas Advocacy Programme called GasNaturally to ensure that natural gas is well represented in the debate in Brussels and to promote natural gas as a sound alternative in a sustainable European energy future.

The programme consists of an “introduction”- the Member State Gas Forum - held on 15 February, including a debate based on speeches given by leading experts. From 23 to 27 April a gas week will be arranged with its main focus on a public hearing to be held by the cooperating organisations. This will be accompanied by an exhibition that will run for the whole week in the lobby of the EU Parliament, showing gas-related information.

More information can be found on the website www.gasnaturally.eu.

Agreement Regarding IGU Magazine

The agreement between IGU and International Systems and Communication Ltd. (ISC) regarding the IGU Magazine has been renewed. The new agreement covering the period 2012 – 2015 was signed 24 November 2011 by the Secretary General of IGU and Managing Director of ISC, Nigel Ruddin.

Membership

The Council approved the following new Charter members:

- Mongolia

- Morocco
- Mozambique
- Uzbekistan

The following new Associate members were approved:

- The Australian Petroleum Production & Exploration Association (APPEA)
- KEMA Nederland BV, the Netherlands
- OMV Gas & Power, Austria
- Wintershall, Germany
- Woodside, Australia

Thyssengas and IZGAS withdrew as Associate members.

The total membership at the end of 2011 amounted to 118, of which 40 were Associate members. A list of the countries represented, as well as a list of Associate members of the IGU, is enclosed.

The Membership fee for 2011 was EUR 5,000 per year, for both Charter and Associate members.

Meetings of IGU Bodies

IGU's activities are supervised by the Council, the Executive Committee and the Coordination Committee. The Council is the main ruling body of IGU in which each member is represented. The Executive Committee governs the IGU in accordance with the aims and means fixed by the Council.

The Secretariat ensures that IGU business is conducted in accordance with the Articles of Association and the directions of the President, the Council, the Executive Committee and the IGU Management Team.

The function of the Coordination Committee is to coordinate the activities of the IGU Working and Programme Committees and to provide for all arrangements relevant to the Programme for the next WGC.

During 2011 the following meetings of these bodies took place:

Council:

Dubrovnik, Croatia 6 October 2011

Executive Committee:

Rio de Janeiro, Brazil 5 April 2011

Dubrovnik, Croatia 5 October 2011

Coordination Committee:

Rio de Janeiro, Brazil 5 April 2011

Dubrovnik, Croatia 4 October 2011

Cooperation with other International Organizations

IGU is generally aiming at increasing cooperation with other international organisations to avoid overlap and to benefit from each other's activities and work programmes.

Affiliated organizations

By the end of 2011 the following organisations

- 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),
- 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)

are all affiliated to the IGU.

World Energy Council (WEC)

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

World Petroleum Council (WPC)

IGU normally participates in the natural gas sessions at the WPC Congresses and the Secretary General attends the annual meetings of the WPC Council.

United Nations Economic Commission for Europe (UNECE)

IGU normally participates at the annual meeting of the UNECE Working Party on Gas in Geneva.

International Energy Association (IEA)

IGU has a close cooperation with IEA with representatives from IEA participating at various IGU events.

Co-ordination with LNG Organisations

IGU, US Centre for LNG (CLNG), International Group of Liquefied Natural Gas Importers (GII-GNL), 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 with the aims of reducing overlap, avoiding inconsistencies between data and reports produced, and improving communication among the Protocol members. IGU is represented by the Chair of PGC D LNG.

Publications

The following publications can be obtained from the IGU Secretariat:

- IGU Articles of Association
- Triennial Work Programme 2009-2012
- IGU Organisation Chart 2009-2012
- IGU General Brochure
- IGU Guiding Principles for Sustainable Development (October 2009)
- Natural Gas - Part of the Solution to Global Climate Change
- Natural Gas as a Transportation Fuel
- IGU Gas Efficiency Award 2008/2009 & Social Gas Award
- Natural Gas Unlocking the Low-Carbon Future (September 2010)
- IGU Strategic Statement 2011
- IGU Gas Price Report, June 2011
- IGU World LNG Report, June 2011



Publications from WGC 2009

- Natural Gas Industry Study to 2030
- IGU Energy Efficiency Indicators
- IGU proposed Guidelines for Gas market Integration
- Best Practices Initiative
- Proceedings of the 24th World Gas Conference, Buenos Aires 2009

Joint publications with other organisations

- “The Role of Natural Gas in a Sustainable Energy Market” (with Eurogas, November 2010)
- Guidebook to Gas Interchangeability and Gas Quality (with BP) (updated 2011)

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 2004-2011

Certain of the publications stated above, such as the Articles of Association, can also be found on the website together with further information regarding IGU activities.

Communication and Gas Advocacy

Communication both within the IGU organisation, and in particular with stakeholders outside the gas industry as policy-makers and regulators, has been a priority area in 2011.

IGU continued its efforts on the Gas Advocacy initiative. The “Facts and Figures” initiative slide package “Natural Gas Facts & Figures” was continued in 2011 and represents an updated information base for members in their efforts to reach policymakers. This collection of power point slides can be downloaded from the IGU website.

IGU maintains a close relationship with members by attending annual meetings and special events – whenever possible. Thus during 2011 the President, the Secretary General, the Coordination Committee Chairman the incoming and Immediate Past President and dedicated members from IGU Committees and Secretariat gave presentations at numerous events both within the IGU, with other International Organisations, and at different Conferences.

The IGU website

The IGU website, www.igu.org offers a wide range of information about gas and the IGU activities to a wide readership, both within and outside IGU

The information and data available on the website are divided into

- Public information available without log-in details.
This contains general and detailed information about IGU, its member organisations, its publications and its documentation. It also contains general information from the Coordination Committee, a link to WGC2012 providing information about the next WGC, numerous links to related organisations/energy entities as well as a calendar of events.

- Members-only information requiring username and password.
This contains internal messages and documents within the organisation as well as complete membership representatives' contact details.
- Committee chairs and secretaries have editing access to their sections on the website, where details of meetings, working documents and progress reports may be added.

IGU organisation

The Management Team

The President	Datuk Abdul Rahim Hashim, Malaysia
The Vice President	Mr Jérôme Ferrier, France
The Immediate Past President	Mr Ernesto Lopéz, Argentina
The Secretary General	Mr Torstein Indrebø, Norway
The Chair of the Coordination Committee	Mr Ho Sook Wah
The Vice Chair of the Coordination Committee	Mr Georges Liens

IGU Council

Each member of IGU is represented in the Council by one delegate

Executive Committee 2009-2012 consists of:

- The Management Team
- Charter members represented in the Executive Committee with responsibility for an IGU committee:

WOC 1	Exploration & Production	Algeria	Mr Nordine Cherouati
WOC 2	Storage	France	Mr Daniel Paccoud
WOC 3	Transmission	the Netherlands	Mr Marcel Kramer
WOC 4	Distribution	Italy	Mr Domenico Dispenza
WOC 5	Utilisation	Japan	Mr Kenji Ikejima
PGC A	Sustainability	Spain	Mr Antoni Peris Mingot
PGC B	Strategy	United Kingdom	Mr Colin Lyle
PGC C	Gas Markets	Brazil	Mr Carlos E. de Freitas Brescia
PGC D	LNG	Qatar	Mr Alaa Abu Jbara
PGC E	Marketing	Germany	Mr Walter Thielen

- Six members elected from Charter members.

Canada	Mr Timothy M. Egan
Czech Republic	Mr Milos Kebrdle

Korea	Mr Kap-Young Ryu
Norway	Mr Runar Tjersland
Russia	Mr Evgueni Riazantsev
USA	Mr David McCurdy

- Five representatives elected from Associate members

BP Gas, Power and Renewables	UK	Mr Andy Lane
TAQA	Egypt	Mr Khaled Abubakr
Total	France	Mr Yves Tournié
China National Petroleum Corp.	Peoples Rep. of China	Mr Wang Guangjun
Instituto Brasileiro de Petróleo	Brasil	Mr João Carlos de Luca

Additional member through the election of Regional Coordinators:

Hong Kong	Mr James Y. C. Kwan
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Coordination Committee (CC)

Chair of CC:	Mr Ho Sook Wah
CC Secretary	Ms Ungku Ainon Ungku Tahir

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

For further information please refer to the 2009-2012 Triennial Work Programme on the IGU website.

Chairman of the National Organising Committee for WGC 2012:

Datuk Anuar Ahmad

Please visit the special website for WGC2012 - www.wgc2012.com

Secretariat of International Gas Union

Secretary General:	Torstein Indrebø
Director:	Hans Riddervold
Communication Manager:	Sjur Bøyum
Advisor to the Secretary General:	Carolin Jeanet Oebel
Advisor to the Secretary General:	Ksenia Gladkova
Administrative Assistant:	Silje Storsul

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Sandvika, 2 March 2012

A handwritten signature in blue ink, appearing to read 'T. Indrebø', written in a cursive style.

Torstein Indrebø

Secretary General of IGU

Countries represented in IGU as per 31 December 2011

Algeria	Malaysia
Angola	Mexico
Argentina	Monaco
Australia	Mongolia
Austria	Morocco
Belarus, Republic of	Mozambique
Belgium	Netherlands, the
Bosnia and Herzegovina	Nigeria
Brazil	Norway
Brunei	Oman, Sultanate of
Bulgaria	Pakistan
Cameroon	Peru
Canada	Poland
China, People's Rep. of	Portugal
Croatia	Qatar
Czech Republic	Romania
Denmark	Russian, Federation of
Egypt	Saudi Arabia
Equatorial Guinea	Serbia
Estonia	Singapore
Eurogas	Slovakia
Finland	Slovenia
France	South Africa
Germany	Spain
Greece	Sweden
Hong Kong, China	Switzerland
India	Taiwan, China
Indonesia	Thailand
Iran	Timor-Leste
Ireland	Trinidad and Tobago
Israel	Tunisia
Italy	Turkey
Japan	Ukraine
Kazakhstan	United Arab Emirates
Korea, Rep. of	United Kingdom
Latvia	USA
Libya	Uzbekistan
Lithuania	Venezuela
Macedonia	Vietnam

Associate members as per 31 December 2011

APPEA Australian Petroleum Production & Exploration Association (APPEA) (Australia)
Bayerngas GmbH (Germany)
BG Group plc (BG) (United Kingdom)
BP Gas, Power & Renewables (United Kingdom)
Bursagaz (Turkey)
Cheniere Energy, Inc. (USA)
Chevron Corp. (USA)
China National Petroleum Corporation – CNPC (P.R. of China)
ConocoPhillips Company (USA)
DanaGas (United Arab Emirates)
Det Norske Veritas (DNV) (Norway)
E.ON Ruhrgas AG (Germany)
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 (India)
Instituto Brasileiro de Petróleo, Gás e Biocombustíveis (Brazil)
IZGAZ (Turkey)
KEMA Nederland BV (The Netherlands)
Liander N.V. (The Netherlands)
NV Nederlandse Gasunie (The Netherlands)
OMV Gas & Power GmbH (Austria)
Origin Energy Limited (Australia)
Petróleo Brasileiro S.A. - Petrobras (Brazil)
Russian Gas Society (Russia)
RWE Rheinland Westfalen Netz AG (Germany)
Shell Gas & Power International B.V. (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)
ThyssenGas GmbH (Germany)
TOTAL S.A. (France)
Vopak LNG Holding BV (Vopak LNG) (The Netherlands)
Wintershall Holding GmbH (Germany)
Woodside (Australia)