UNION INTERNATIONALE DE L'INDUSTRIE DU GAZ INTERNATIONAL GAS UNION UNE ORGANISATION MONDIALE A WORLD-WIDE ORGANIZATION



IGU Annual Report 2009 (For information purposes)

## **Introduction to IGU**

The International Gas Union, which was established 79 years ago, is a world-wide non-commercial, non-political and non-government organization with 107 members as of 31 December 2009 from all over the world. These members are primarily the most representative gas organizations or companies of a country, which may encompass producers, transporters, distributors, technological and scientific institutes, and appliance manufacturers.

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 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 IGU as Associate members. A profound interest in becoming an Associate member has prevailed and with this new membership model IGU has broadened its knowledge base and the network considerably.

Apart from the Charter member of the country in question, up to nine Associate members can be permitted from each country.

The main objective of IGU is to promote the technical and economic progress of the gas industry world-wide mainly by facilitating the exchange of information of both a technological nature and of a more general, business-oriented nature. Presently IGU also directs its attention towards the sustainable aspects of natural gas. To this end it organises the World Gas Conference (WGC) and Exhibition and manages currently 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 by the Presidency according to what topics are considered in need of particular attention or focus at the time. The Committees report at the World Gas Conference every three years.

The Vision of IGU is: "Recognizing 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 organization, while serving as the spokesman for the gas industry world-wide."

The more elaborate Missions and Objectives can be found on the IGU website, www.igu.org

Together, IGU's members cover around 95 % of marketed world gas production. 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 more developing countries.

# The Secretariat

The Secretariat has completed its second full year of operations in Norway. The activities preparing for the Executive Committee sessions and Council meeting sessions have become repetitive and experience from the first year has given ground for quality- and efficiency improvements. The activities on conference arrangements are also in focus and have proved to be an important addition to the responsibilities of the Secretariat. The secretariat organized the first Associate members meeting in Buenos Aires during the WGC October 2009.

The Secretariat experienced in 2009 the unusual that the main Council meeting October 2009 took place during the WGC in Buenos Aires. A Council meeting during WGC usually is short with the main focus to honor the resource persons during the outgoing triennium. This time the IGU Secretariat had to prepare for both meetings at the same time giving limited time for a program allowing an extensive agenda and valuable discussions.

Statoil ASA, the host company for the Secretariat is providing representative offices with all necessary administrative support close to public transportation at their premises at Kjørbo, Sandvika outside Oslo.

Florijana Dedovic from Plinacro, Croatia has been with IGU since April 2008 and will return to her parent company by end of March 2010.

Jeanet van Dellen, a new secondee from Gasunie, the Netherlands was assigned to the Secretariat from 1 Feruary 2009 and will stay until February 2011.

IGU has experienced an enormous benefit from the two secondees. They have represented additional capacity which has enabled IGU to take on new responsibilities.

# Main IGU Activities in 2009

### <u>UN Framework Convention on Climate Change (UNFCCC)</u>: The Role of Natural Gs in a Sustainable <u>Energy Future</u>

COP 15 took place in early December 2009 in Copenhagen Denmark, and the aim of this UN organised conference was to agree on a binding agreement on climate mitigation. This was not achieved, so the UN countries are now working further on the so called Copenhagen Protocol.

The IGU Secretariat was represented with a stand at the conference area. New IGU material, focusing on sustainability and gas as the fuel of choice, was distributed during the conference. Promotion of IGU and use of natural gas towards the various delegations was also made.

IGU launched a special Gas Event at COP15 under the headline "*The Role of Natural Gas in a Sustai-nable Energy Future*". The purpose was to inform the COP15 delegates, press, public servants, non-governmental organisations (NGOs) and the industry about the environmental benefits of natural gas. More than 110 participants attended the event, which addressed several aspects related to natural gas and climate change.

IGU members and partners supported the event with speakers and financial assistance: IEA, European Commission, DONG Energy, Statoil, Petoro, BG Group, American Gas Association, TOTAL, E.ON Ruhrgas and Indraprastha Gas Limited from India.

Judging from the interest shown in this first IGU Gas Event during COP15, such a gas event, possibly together with a local partner, may become a permanent arena for addressing gas issues in a climate perspective. COP16 will take place in Mexico from 29 November-10 December 2010.

# Membership

In 2009 Angola, Equatorial Guinea and Timor Leste joined IGU as Charter Members and the following new Associate Members were admitted: Spetsneftegaz NPO JSC (Russia), Det Norske Veritas (Norway), Sonorgás (Portugal), Gaslink (Ireland), BG Group Plc (United Kingdom) and Vopak LNG Holding BV (the Netherlands). Hungary withdrew as a Charter member and Naturgas Fyn A/S (Denmark) and Interstate Natural Gas Association of America (USA) withdrew as Associate members. The Union of Independent Gas Producers (Russia) was revoked as IGU member as it didn't fulfill its financial obligations.

Hence, the total membership at the end of 2009 amounted to 107, of which 33 were Associate members. A list of the countries represented as well as a list of Associate Members of IGU is enclosed.

The Membership fee for 2009 was EURO 4,500 per year for both Charter and Associate members, and it remains at that level for 2010.

# **Meetings of IGU Bodies**

IGU's activities are supervised by the Council, the Executive Committee and the Coordination Committee (CC). 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 group of Associate members has after approval in the Council meeting in Buenos Aires five representatives with voting rights in the Executive Committee.

The Secretariat ensures that the business of IGU is conducted in accordance with the Articles of Association and along 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 Program Committees and to provide for all arrangements relevant to the Program for the next WGC.

During 2009 the following meetings of these bodies took place:

Council: Buenos Aires, Argentina 5 October 2009

Executive Committee: London, United Kingdom 4 June 2009 Buenos Aires, Argentina 5 October 2009

Coordination Committee (CC): London, United Kingdom 4 June 2009 Buenos Aires, Argentina 5 October 2009

## **Contacts with other International Organizations**

IGU is generally aiming at increasing cooperation with other international organizations as part of a rationalization scheme.

In 2009 one new affiliated organization was confirmed: GIIGNL (The International Group of Liquefied Natural Gas Importers),

### Affiliated organizations

By the end of 2009, Energy Delta Institute (EDI), GERG (European Gas Research Group), Gas Infrastructure Europe (GIE), The International Group of Liquefied Natural Gas Importers (GIIGNL), International Association for Natural Gas Vehicles (IANGV), Foundation IGRC, the International Pipeline & Offshore Contractors Association (IPLOCA), Marcogaz, Pipeline Research Council International, Inc (PRCI) and Russian National Gas Vehicle Association (NGVRUS) were all organizations <u>affiliated to IGU</u>.

### International Gas Union Research Conference (IGRC)

After Gas Technology Institute (GTI) in USA withdrew as a sponsor, IGRC became solely under the wings of IGU with the name IGU Research Conference (same acronym). NV Nederlandse Gasunie (Netherlands) has taken over the role from GTI in hosting the IGRC Secretariat. The Policy Committee for the IGRC in 2011 (Seoul, Korea, 19-21 October), chaired by Ernesto López Anadón, the Immediate Past President of IGU, and with the Secretary General as secretary of the committee was established as well as the Technical Program Committee (TPC) with Marc Florette, GdF SUEZ as Chair.

### **Intergas Marketing (IGM)**

IGU and IGM agreed that IGM was to be gradually integrated with IGU through a special IGU Committee (IGU Marketing Committee - IGM) and be incorporated in the 2009-2012 Triennial Work Program. The practical decisions were taken at the Council meeting in Gyeongju, and all activities of IGM were incorporated into a new program committee PGC E Marketing in 2009.

### Eurogas

IGU is represented by its Secretary General or President in the Plenary meetings of Eurogas - and vice versa with Eurogas being a Charter member of IGU. The IGU President attended the plenary meeting in June 2008 and gave an update of IGU activities.

### Groupe International des Importateurs de Gaz Natural Liquéfié (GIIGNL)

IGU is represented by its President in the General Assembly of GIIGNL.

### World Energy Council (WEC)

IGU is normally represented in several working groups and bodies of WEC. The Secretary General of IGU represents the Union in the meetings of the Executive Assembly.

### World Petroleum Council (WPC)

IGU is normally participating in some of the natural gas sessions at the WPC Congresses and the Secretary General is attending the annual meetings of the WPC Council

### **United Nations Gas Centre**

IGU is normally participating at the annual meeting of the UN Gas Centre in Geneva, and was represented by the Secretary General at the January 2009 meeting with a presentation on gas market developments.

#### **Co-ordination with LNG Organisations**

International Gas Union (IGU), US Centre for LNG (CLNG), Eurogas, 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 with the aims of reducing overlap, avoiding inconsistencies between data and reports produced, and improving communication among the Protocol Members.

## **Publications**

The following publications can be obtained from the IGU Secretariat:

Guiding Principles for Sustainable Development (October 2009) Natural Gas - Part of the Solution to Global Climate Change IGU Organisation 2009-2012 IGU general brochure IGU Gas Efficiency Award 2008/2009 & Social Gas Award Natural Gas as a Transportation Fuel (prepared for COP15 together with the Malaysian Presidency)



The proceedings from 17th World Gas Conference in 1988 in Washington on CD-ROM The proceedings from 18th World Gas Conference in 1991 in Berlin on CD-ROM The proceedings from 19th World Gas Conference in 1994 in Milano on CD-ROM The proceedings from 20th World Gas Conference in 1997 in Copenhagen on CD-ROM The proceedings from 21st World Gas Conference in Nice in 2000 on CD-ROM The proceedings from 22nd World Gas Conference in Tokyo in 2003 on CD-ROM The proceedings from 23rd World Gas Conference in Amsterdam in 2006 on CD-ROM The proceedings from 23rd World Gas Conference in Amsterdam in 2006 on CD-ROM The Triennial Work Program 2006-2009 The IGU Book "Seven Decades with IGU" (2001) The booklet "Natural Gas Supply to 2100" (2002) Global Natural Gas Perspectives IGU Brochure: "Towards a Sustainable Future" IGU Magazine - biannual publication Global Natural Gas Perspectives Gas to Power - Global Outlook, Special Project prepared for WGC 2006 Sustainable Development and the Role of Gas, Special Project prepared for WGC 2006 The "Art" of Regulation, Special Project prepared for WGC 2006 The History of Gas

The IGU Articles of Association and "Guiding Principles for Sustainable Development" (substituting the former IGU Environmental Charter) can be found on the IGU website and are also obtainable in printed version.

## Communication

Fruitful communication both within the IGU organization and with the outside world, is getting continual attention. Within IGU, its officers try to maintain close personal relationship with members by attending annual meetings and special events – when possible.

Thus during 2009 the President, The Secretary General, the Honorary Secretary General, the CC Chairman the incoming and immediate past Presidents and dedicated members from IGU Committees and Secretariat attended numerous events both within IGU, with other International Organizations and at different Conferences.

Increased focus was put on improving the media relations, and good press coverage was obtained after the IGU Gas Event at COP 15 on 13 December 2009.

### The IGU website

The IGU website, <u>www.igu.org</u> was launched in its current design in June 2006. It offers "News, Views and Knowledge about Gas" to a broad audience, both within and outside IGU. The current website also includes the main functionalities of the IGU Collaboration Portal.

The information and data available on the web site are divided into:

- Public information available without login details. This contains general and detailed information about IGU, its member organizations, its publications and its documentation. It also contains general information from CC, a link to WGC2009 (providing information about the next WGC), numerous links to related organizations/energy entities as well as a calendars of events.
- Members only information requiring username and password. This contains internal messages and documents within the organization as well as complete membership representatives' contact details.
- Committee chairs and secretaries have editing access to their sections on the web site, where details of meetings, working documents and progress reports may be added.

## **IGU organization**

President (2009-2012) Vice President (2009-2012) Secretary General Datuk Abdul Rahim Haji Hashim, Malaysia Mr Jérôme Ferrier, France Mr Torstein Indrebø, Norway

> Chawki M. Rahal Daniel Paccoud Marcel Kramer Domenico Dispenza Hirofumi Kyutoku Antoni Peris Mingot

Alaa Abu Jbara Walter Thielen

Carlos Eduardo de Freitas Brescia

Tbn

### **IGU Council**

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

#### **Executive Committee 2009-2012:**

The IGU President (Chair) The Vice-President The Immediate Past President The Chair of the Coordination Committee The Vice Chair of the Coordination Committee

Charter members represented in the Executive Committee:

| WOC 1 | Exploration & production | Algeria         |
|-------|--------------------------|-----------------|
| WOC 2 | Storage                  | France          |
| WOC 3 | Transmission             | the Netherlands |
| WOC 4 | Distribution             | Italy           |
| WOC 5 | Utilisation              | Japan           |
| PGC A | Sustainability           | Spain           |
| PGC B | Strategy                 | United Kingdom  |
| PGC C | Gas Markets              | Brazil          |
| PGC D | LNG                      | Qatar           |
| PGC E | Marketing                | Germany         |
|       |                          |                 |

Six members elected from Charter Members.

| Ms Shahrzad Rahbar Ph.D. |
|--------------------------|
| Mr Milos Kebrdle         |
| Mr Hae–Jung Oh           |
| Mr Jan Rune Schøpp       |
| Mr Evgueni Riazantsev    |
| Mr David N. Parker       |
|                          |

Representatives elected from Associate Members

| BP Gas, Power and Renewables     | UK                    | Ms Ieda Gomes          |
|----------------------------------|-----------------------|------------------------|
| 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 |
|                                  |                       |                        |

#### The Management Team

The President, The Vice President The Immediate Past President The Secretary General The Chair of the Coordination Committee The Vice Chair of the Coordination Committee

#### **Coordination Committee (CC)**

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

10 IGU Committees each with a number of Study groups and with more than 700 registered participants from the membership3 Task Forces (TFs)Special Committees on IGU Research Conference (IGRC)

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

Chairman of the National Organizing Committee for WGC 2012: Datuk Wan Zulkiflee Wan Ariffin

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

#### Secretariat of International Gas Union

| Secretary General:                  | Torstein Indrebø                               |
|-------------------------------------|--|
| Senior advisor:                     | Hans Riddervold                                |
| Advisor:                            | Erik Gonder                                    |
| Secretary:                          | Åse Nicolaysen                                 |
| Advisor to the Secretary General:   | Florijana Dedovic (Secondee to mid March 2010) |
| Assistant to the Secretary General: | Jeanet van Dellen                              |

Postal address:

IGU Secretariat, c/o Statoil ASA, 0246 Oslo, Norway

Visiting Address:

Kjørboveien 16, 1337 Sandvika

Phone: +47 51 99 00 00 Fax: +47 22 53 63 18 E-mail: <u>secrigu@statoil.com</u>

Sandvika, 1 March 2010

T. Wduly

Torstein Indrebø Secretary General of IGU

#### **Countries represented in IGU as per 31 December 2009:**

Algeria Angola Argentina Australia Austria Bangladesh Belarus, Republic of Belgium Bosnia and Herzegovina Brazil Brunei Bulgaria Cameroon Canada China, People's Rep. of Croatia Czech Republic Denmark Egypt **Equatorial Guinea** Estonia Finland France Germany Greece Hong Kong, China India Indonesia Iran Ireland Israel Italy Japan Kazakhstan Korea, Rep. of Latvia

Libya Lithuania Macedonia Malaysia Monaco Netherlands, the Nigeria Norway Oman, Sultanate of Pakistan Peru Poland Portugal Qatar Romania Russian, Federation of Saudi Arabia Serbia Singapore Slovak Republic Slovenia South Africa Spain Sweden Switzerland Taiwan, China Thailand Timor-Leste Trinidad and Tobago Tunisia Turkey Ukraine United Arab Emirates United Kingdom USA Venezuela Vietnam

#### IGU Associate Members as per 31. December 2009

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) Gaslink - Gas System Operator Ltd (Gaslink) (Ireland) GasTerra (The Netherlands) GAZBIR- Association of Natural Gas Distribution Companies of Turkey (Turkey) GDF SUEZ (France) IGDAS - Istanbul Gas Distribution Co. (Turkey) Indian Oil Corporation (India) Instituto Brasileiro de Petróleo, Gás eBiocumbustíveis (Brazil) IZGAZ (Turkey) Liander N.V. (The Netherlands) NV Nederlandse Gasunie (The Netherlands) Petróleo Brasileiro S.A. - Petrobras (Brazil) Russian Gas Society (Russia) 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) Uníon Fenosa Gas (Spain) Vopak LNG Holding BV (Vopak LNG) (The Netherlands)