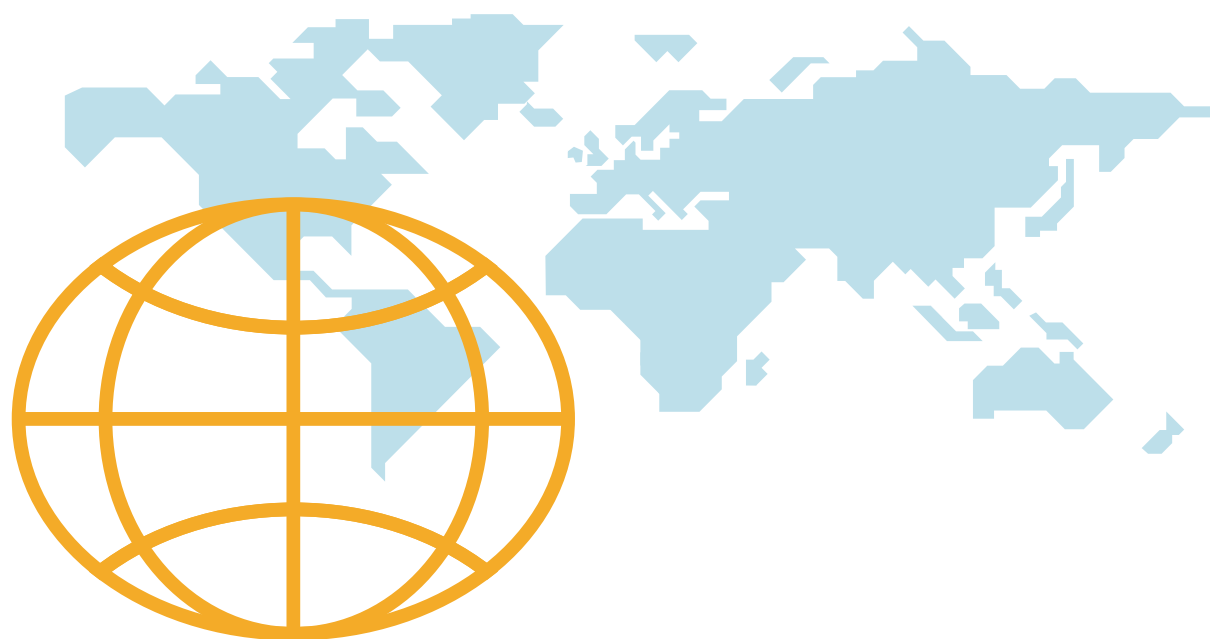


# International Gas Union

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## 2006 - 2009 Triennial Work Programme in Brief

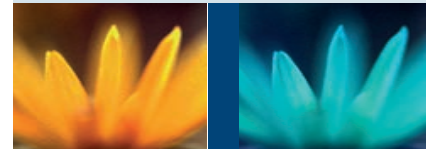
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**The Global Energy Challenge:  
Reviewing the Strategies for Natural Gas**



24<sup>th</sup> World Gas Conference  
ARGENTINA | 2009

For additional information please visit [www.igu.org](http://www.igu.org)



## The Global Energy Challenge:

### Reviewing the Strategies for Natural Gas

The dynamics of the global energy scenario pose both a challenge and a responsibility of defining the present and future roles for natural gas, reinforcing the need for IGU's contribution to its members and the international community, through the promotion of knowledge, information exchange, and the preparation of solid and concrete reference tools for decision-makers.

The 2006-2009 Triennial Work Programme (TWP) is based on the following Strategic Guidelines:

#### 1. The Global Energy Challenge: Reviewing the Strategies for Natural Gas towards 2030

#### 2. Contribution of the Natural Gas Industry, in terms of Security of Supply, Safety and Environment

#### 3. Regional Gas Market Integration, as a Key Driver for Sustainable Economic Growth

As shown in the attached organisation chart, nine Working and Programme Committees, complemented by two specific Task Forces, are dealing with the most significant issues of the gas chain.

The committees are actively involved in developing a prospective analysis of the key drivers of the natural gas industry during the next 25 years, enriched by the complementary insight of the different segments and experts active within IGU. The aim is to provide a key reference for policy and corporate decision-makers, while ensuring the overall consistency of the 2006-2009 deliverables.

The operational intricacies of supply, both by pipeline and LNG, are also tackled specifically, taking into account an increasing market demand. In these lines, the working groups are addressing the main issues along the entire gas chain (Exploration and Production, Underground Storage, Transmission, Distribution and Utilisation), relative to a reliable and flexible supply, which is both safe and environmentally sound.

In addition, the former International Gas Marketing is now working within the auspices of IGU, under the name IGU Gas Marketing (IGM), and will be contributing to the technical programme.

Finally, and recognising regional market integration within the gas sector as a driver to sustainable economic and social development, the 2006-2009 TWP also deals with the challenges to be confronted, including remoteness of supply sources, transit and transmission agreements, and complex geopolitical, social and security issues, and how these can be facilitated by solid gas integration ventures through balanced international treaties, regulation, and financing mechanisms.

In these lines, IGU will continue to support the development of a healthy investment and business climate, and high-quality dialogue between governmental and corporate players, in close cooperation with other relevant international energy organisations.

Through IGU's Charter and Associate members, we sincerely appreciate the active involvement of colleagues from the entire world gas industry, who are contributing for a successful development of this ambitious work programme. In return, we are certain this will render a very valuable feedback through the works conducted during the triennium, which will be delivered in Buenos Aires, Argentina, during the 24th World Gas Conference, in October 2009.

**Ernesto Lopez Anadón**  
President

**Roberto Brandt**  
Coordination Committee

## 24th World Gas Conference Buenos Aires, Argentina 5 - 9 October 2009

The 2006-2009 triennium of the International Gas Union will end at the 24th World Gas Conference in Buenos Aires, Argentina.

Emphasizing the increasingly global nature of the gas industry, this is the first time the conference will take place in the Southern Hemisphere, with the additional attractions one can expect from a young country with a mature and vigorous gas industry.

The Opening Ceremony that will take place on Monday, October 5th 2009, will be the prelude to the Conference and Exhibition, which start on the following Tuesday 6th, and end with the Closing Ceremony on Friday 9th. All programmed activities will take place in the comfortable and elegant premises of the Sociedad Rural Argentina, the country's most traditional convention centre, conveniently located in the heart of its capital city.

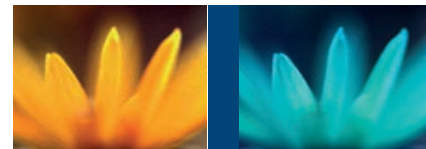
The conference will mark the conclusion of an ambitious task embarked upon by the Argentine Presidency, through the joint efforts of nearly all the companies that are comprised in the gas chain operating in Argentina, organised through the National Organising Committee (NOC).

In the growing and dynamic global energy business, the International Gas Union is firm in its objectives of promoting a positive and enriching exchange between the stakeholders of the world gas industry. Our goal at the NOC is to provide the perfect setting for this to be a success.

We will keep you informed on how we are preparing this global event, and invite you to visit us at [www.wgc2009.com.ar](http://www.wgc2009.com.ar).

A warm welcome awaits you in Buenos Aires!

**Eduardo Ojea Quintana**  
National Organising Committee



## IGU Committee Study Groups for the 2006 - 2009 Triennium\* (as at December 2007)

COMMITTEE	STUDY GROUP	TOPIC
WOC1	SG 1.1	Remaining conventional world gas resources and technological challenges for their development.
WOC1	SG 1.2	Difficult reservoirs and unconventional natural gas resources.
WOC2	SG 2.1	UGS Database.
WOC2	SG 2.2	UGS technology improvements.
WOC2	SG 2.3	Intelligent UGS (iUGS).
WOC3	SG 3.1	Impact of regulation on gas transmission, safety and security of supply.
WOC3	SG 3.2	Review of new technologies in pipeline and construction monitoring.
WOC3	SG 3.3	Contribution of gas transmission to climate protection and sustainable development.
WOC4	SG 4.1	Review of asset management strategies and practices.
WOC4	SG 4.2	Review of leakage reduction strategies and practices.
WOC4	SG 4.3	Development of best practices for the prevention of third party interference damage to distribution assets.
WOC5	SG 5.1	Industrial utilisation: Distributed Energy and other specific issues (fuel switching, technical research, regulatory aspects, H2). Efficiency indicators.
WOC5	SG 5.2	Domestic and commercial utilisation: Distributed Energy and other specific issues (new appliances, home fuelling, air cooling, combination with renewables, tariff/regulation). Efficiency indicators.
WOC5	SG 5.3	Natural Gas Vehicles (NGV): Continuation of current project.
PGCA	SG A.1	Evolution, expansion and promotion of IGU's Guiding Principles on Sustainable Development and Climate Change.
PGCA	SG A.2	Gas industry response to climate change: Greenhouse gases reduction case studies (examples, as at 30/4/06): -Norwegian new generation plants. -Algeria/Nigeria cooperation to reduce gas flaring. -Others (to be determined further on).
PGCA	SG A.3	Post-Kyoto Concept.
PGCB	SG B.1	Supply and demand to 2030 **.
PGCB	SG B.2	Gas price formation and trends **.
PGCB	SG B.3	Regulation and future industry structure.
PGCC	SG C.1	Developing gas markets in South West and Central Asia: India, Pakistan, Iran, Turkmenistan and Azerbaijan.
PGCC	SG C.2	Developing gas markets in South America.
PGCC	SG C.3	Developing gas markets in South Eastern Europe.
PGCD	SG D.1	LNG quality and inter-changeability.
PGCD	SG D.2	LNG contract clauses for more flexible global LNG markets.
PGCD	SG D.3	Creative solutions for new LNG facilities.
TF R&D	Objective 1	Role and structure of R&D within the gas industry.
TF R&D	Objective 2	Focal point and support to the IGU Research Conference (IGRC).
TF GMI	Objective 1	Harmonizing the structures of the energy and gas business for regional integration.
TF GMI	Objective 2	Governmental and corporate players, partners for success.
IGM	M1	Natural Gas and renewables.
IGM	M2	How can marketing contribute to promote natural gas in new areas and new technologies.

\* Please turn overleaf to find the denomination of each committee.

\*\* SG outputs will be used as partial inputs for a 2030 Natural Gas Industry Outlook study, that will be coordinated by PGC B (and the CC Chairmanship), with support from all other Committees.

WOC: Working Committee      PGC: Programme Committee      TF: Task Force  
R&D: Research & Development      GMI: Gas Market Integration      IGM: IGU Gas Marketing committee



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## 2006-2009 COORDINATION COMMITTEE TEAM

### IGU SECRETARY GENERAL

Torstein Indrebo  
Norway

### CC CHAIRMAN

Roberto Brandt  
Argentina

### CC VICE CHAIRMAN

Ho Sook Wah  
Malaysia

### CC SECRETARY

Andres Kidd  
Argentina

### IGM

IGU Gas Marketing  
M. Hall  
Germany

#### WOC 1 Exploration & Production

V. Yakushev  
S. Leonov  
**Russia**

K. Chikhi  
**Algeria**

#### WOC 2 Storage

V. Onderka  
P. Grigelová  
**Czech Rep.**

H. Grouse  
**France**

#### WOC 3 Transmission

H. Wolf  
U. Klaas  
**Germany**

E. Dam  
**Netherlands**

#### WOC 4 Distribution

J. Bending  
R. Thomas  
**U.K.**

A. Soresina  
**Italy**

#### WOC 5 Utilization

J. Schweitzer  
A. Pedersen  
**Denmark**

T. Kume  
**Japan**

#### PGCA Sustainable Development

K. Barland  
K. Hunsbedt  
**Norway**

J. Puertas  
**Spain**

#### PGCB Strategy, Economics & Regulation

P. Moraleda  
F. Schar  
**Spain**

C. Lyle  
**U.K.**

#### PGCC Developing Markets

M. F. Amin  
R. Radzi  
**Malaysia**

A. Fernandes  
**Brazil**

#### PGCD LNG

S. Uchino  
Y. Shirakawa  
**Japan**

A. Abujbara  
**Qatar**

#### TF Research & Development (R&D)

M. Florette  
M. Fourmiguat  
**France**

M. Ydreos  
**Canada**

#### TF Gas Market Integration (GMI)

J. Doumanian  
**Argentina**  
J. Fernandez  
**Spain**

D. Spohn  
**Germany**

WOC: Working Committee

PGC: Programme Committee

TF: Task Force



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