

5<sup>th</sup> INTERNATIONAL GAS CONFERENCE OF THE SOUTHEAST EUROPE REGION

# Natural Gas in Light of New Intentions on the Energy Market

Growth of the Role of Natural gas on Energy Markets of Southeast Europe through Application of New Technologies and in Synergy with Renewable Sources, in Circumstances of Reduction of the Role of Nuclear Energy on the European and the World Energy Scene

February 08<sup>th</sup> - 10<sup>th</sup> 2012

Sarajevo, Bosnia and Herzegovina



## BACKGROUND

Activities of gas sector operators in countries of Southeast Europe on development of gas systems and their interconnection, as well as activities supported and aided by the Energy Community, and the planned construction of several gas transmission routes towards the Western Europe that will pass through this region, lead the countries of this region to begin to plan the role of natural gas in their energy strategies more actively. On the other hand, an uncompleted regulation of the gas sector in certain countries of this region makes the business operation of gas companies very difficult and uneconomical. This all affects the realization of planned projects of gas network development within certain countries, as well as their better interconnectedness.

However, the latest developments on the energy scene, caused by the breakdowns of Japanese nuclear power plants, the decision to close German nuclear power plants and numerous announcements of abandonment of their construction, indicate a significant growth of the role of natural gas in the European and the world energy sector. Also, significant possibilities for enhancement of the competitive ability of natural gas can be found in the use of advanced technologies with high utilization degree, as well as by using natural gas in combination with renewable energy sources, especially biomass and solar energy. An additional argument is also a significantly lower emission of greenhouse gases with the use of natural gas in relation to other fossil fuels, which is not negligible in times when there is talk of reducing greenhouse gas emission, above all CO<sub>2</sub>.

For a faster realization of expansion of gas networks and a larger utilization of natural gas in the region, answers should also be provided to the following questions, which have been pressing for some time and to which unambiguous answers have still not been given:

- ◆ How much can individual member countries of the region of Southeast Europe realistically affect the planned gas transmission pipelines: „Nabucco“, „South Stream“ or „Adriatic-Ionic Gas Pipeline“, primarily with regard to their routes and volumes?
- ◆ How likely is the construction of an LNG terminal in the region, primarily on the east coast of the Adriatic Sea, and when could it be realized?
- ◆ What is the role of political (in)stability in relation to investments into the gas sector of the countries of Southeast Europe, i.e. different status of the countries of the region with regard to the relationship with the EU (from the Stabilization and Association Agreement to membership)?
- ◆ What does development of new technologies bring with regard to utilization of natural gas, i.e. will it be a more favourable price or a higher efficiency of new technologies for gas utilization that will play a role?
- ◆ What will be the effect of application of the EU Energy Efficiency Directives in the mentioned region on the use of natural gas, and in which sectors this will be most prominent?
- ◆ What role will natural gas have in the future concerning the increasing role of renewable energy sources, as well as the application of the EU Directives on renewable energy sources – is this an (un)expected role for a larger utilization of natural gas?
- ◆ How to respond to challenges of the expected growth of energy prices and the increasing significance of preservation of the environment, i.e. implementation of the EU Directives regarding environmental protection?

## THEMATIC AREAS

To these and many other questions related to the development of the gas sector in the region of Southeast Europe the Conference will attempt to provide answers through presentations and discussions of experts from this field, within the following thematic areas:

- ◆ interconnection projects and new natural gas transmission routes in the region of Southeast Europe;
- ◆ utilization of natural gas for cogeneration in the sectors of industry, service industry and in the residential sector;
- ◆ utilization of natural gas in combination with renewable energy sources, with an emphasis on biomass and solar energy, especially with regard to application of the EU Directives on renewable energy sources;
- ◆ the state and further development of technical regulations in the gas sector from the aspect of application of new technologies;
- ◆ professional qualification of personnel as a factor of introduction of new technologies;
- ◆ potentials and possibilities for increasing the energy efficiency with regard to implementation of the EU Energy Efficiency Directives;
- ◆ application of ICT technologies in the gas sector.



## PRELIMINARY CONFERENCE PROGRAMME

Wednesday, 08/02/2012

1<sup>st</sup> Session

**State and Perspectives of the Gas Sector in the EU and the World**

2<sup>nd</sup> Session

**Development of Gas Projects and Systems in the Region, their Interconnection and integration in EU processes with natural gas**

A Round Table on the subject:

**The Impact of Market Regulation on the Status of the Gas Sector of the Region**

Thursday, 09/02/2012

3<sup>rd</sup> Session

**New Technologies for Natural Gas Use – Utilization with Renewable Energy Sources**

4<sup>th</sup> Session

**Technical Rules, Standards and Personnel Education in the Gas Sector**

5<sup>th</sup> Session

**Energy Efficiency – the Role of Natural Gas**

Friday, 10/02/2012

6<sup>th</sup> Session

**Natural Gas Fired Cogeneration Plants – the Effect and Significance for the Thermal and Electrical Energy Market**

7<sup>th</sup> Session

**Application of Information and Communication Technologies (ICT) in the Gas Sector**

### Conference Organizers

Research and Development Centre for Gas Technology, Sarajevo (IGT) and the Association for Gas in BiH

### Co-organizers

**Patrons:** IGU and the line Ministry

### Official Languages of the Conference

Official languages of BiH: Bosnian, Serbian, Croatian English language (simultaneous interpreting)

### Conference Material

- Conference material (preprints and other accompanying material) shall be provided upon participant registration.

- a CD with all papers, session overviews and photo documentation shall be delivered to all participants 30 days after the end of the Conference.

### Accompanying Events

- Poster presentations of construction projects of new gas pipelines in the region in the hotel lobby
- A technical visit to the new calibration shop of KJKP Sarajevogas
- A theatre show with an accompanying programme
- Gas Evening on one of the Olympic Mountains

### REGISTRATION FEES

The registration fee is in the amount of:

**200 EUR + VAT** per individual participant for participants registering before December 31<sup>st</sup> 2011,

and **250 EUR + VAT** for participants registering after this date.

The final amount of the registration fee shall include VAT.

There is no registration fee for authors, representatives of co-organizers and sponsors, reporters and guests of honour.

### SPONZORS

By bringing together the world's leading gas companies, we are offering you an exceptional opportunity to promote your company and reassess your market position.

Sponsorship opportunities will be customised to meet your company's requirements and to enable you to access your target audience, as well as to enhance your corporate image. Potential sponsors will be offered adequate sponsorship packages, while details will be defined by a bilateral agreement.

### PRESENTATIONS, COMPANY ADVERTISING AND EXHIBITION

1. Commercial and technical exposition in duration of 15 minutes .....Price: 250,00 EUR
2. Displaying an advertising panel in the hotel lobby .....Price: 150,00 EUR
3. Placement of an exhibition booth in the hotel lobby ..... ..Price: 150,00 EUR po m<sup>2</sup>
4. Advertising in the Conference Brochure  
Back page A4 colour ..... price 500 EUR  
Inside page A4 colour..... price 400 EUR  
Inside pages ½ A4 colour ..... price 250 EUR





All announcements about the Conference can be seen at  
[www.igt.ba](http://www.igt.ba) or [www.igt.ba/conference2012](http://www.igt.ba/conference2012)



The First Meeting of the Organizing Committee of the 5<sup>th</sup> International Gas Conference, Sarajevo, 14th July 2011

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