

2nd official PGC E Meeting - Paris, France

25th -27th March 2013

Hotel Concorde Lafayette
& GDF Suez HQ

MINUTES

1. Opening by the Chairman

Alfredo Ingelmo welcomed to Paris the members of PGC E to the 2nd official committee meeting.

2. Review of main goals of the committee

Chairman of PGC E reviewed the main goals of PGC E for the triennium, the strategic guidelines and working program.

(This presentation can be found on the IGU Website: www.igu.org)

3. Updates on the Coordination Committee and preparation for the WGC

George Liens chairman of the Coordination Committee updated the members with information regarding the World Gas Conference in Paris 2015.

Reviewed the different study groups in WOC, PGC and TF. Updated the calendar of meetings and key milestones through the triennium.

(This presentation can be found on the IGU Website: www.igu.org)

4. Presentation from the IGU Coordination Committee

Georges Liens, Chairman of the Coordination Committee, introduced the French team and the Strategic guidelines for this triennium , reviewed :

- IGU Committee and TF Chairs,
- Membership participation,
- calendar meetings and
- Key milestones special reports
- Dates and venues of the Triennium

- CC meetings + Pillar's Workshops
- Draft program for WGC 2015

The TWP 2012-2015 (triennial work program) is available in the new website for the World Gas Conference 2015

www.wgc2015.org

<http://www.wgc2015.org/le-triennium/le-triennium-francais/>

George Liens reminded the collaborative platform that was presented by the French tea,, this platform will showcase the work in progress. The platform it will Initiates and encourages exchanges in the Working Groups and stimulates interconnection between committees. In the following weeks members of the group will receive an invitation to register.

<http://ccmembers.wgc2015.org/>

the platform allows to:

- share an idea
- attach a document
- comment an idea
- vote for an idea
- see upcoming meetings

(This presentation can be found on the IGU Website: www.igu.org)

5. PGC E Plenary Session

In the plenary session, the study group leaders updated the progress of the different study groups

- **SG1-** Marketing natural gas and promoting new usages, Luis Pinto
- **SG2-** Competing and coordinating with other energies, Barbara Jinks
- **SG3-** Communication & public acceptance of natural gas projects, Hansch Van der Velden
- **i-gas industry** – Contribution to special report, David Konvalina

(This presentation can be found on the IGU Website: www.igu.org)

6. Natural Gas sector in France. Challenges of competing at a 70% nuclear energy mix country

Georges Bouchard, managing Director of - AFG, French Gas Association, presented the natural gas sector in France and the challenge is facing in the near future.

In France there are 124 suppliers, 81 of them provide gas to end users through 22 local distribution companies and 2 transmission companies (GRTgaz and TIGF). 80% of the population of France are connected to the natural gas distribution network.

The use of gas in power generation slump in all Europe and in France (from 30.5 to 23.2 TWh in 2012), due to cheap coal exported from the US where cheap gas is now used in power generation, and weak CO2 signals on ETS.

French government has launched national debate on energy transition. The gas must make its case., it's a support to the development of the renewables (backup in power generation, micro generation) and it's an asset to the decarbonisation of the energy mix (biomethane)

(This presentation can be found on the IGU Website: www.igu.org)

7. Role of GrDF in 2030

Anthony Mazzenga –Head of Strategy unit of GrDF, Gaz réseau Distribution France, gave an excellent presentation regarding the future of natural gas in France.

Gas consumption is expected to decrease due to overall optimization of energy uses for process, fluids and space heating.

But industrial sites have to evolve to respect stricter environmental constraints and new policies

- In the short term, investments in downstream treatment with possible new gas uses
- In the long term, investment in process using directly less polluting energy such as natural gas

CNG & bio-CNG are a key technology for sustainable mobility in the future

Gas resources are guaranteed through conventional & unconventional sources, biomethane, biogas and hydrogen & methanation.

(This presentation can be found on the IGU Website: www.igu.org)

8. LNG marketing. Market status and trends

Guy Broggi, senior advisor, TOTAL LNG Division, presented an excellent presentation on the LNG market situation in the midterm 2013-16 and its evolution and trends on the long term (>2007), with new LNG suppliers (Australia), new LNG plants to be launched and US and Canada entering the race for every market from Europe to Asia and America.

(This presentation can be found on the IGU Website: www.igu.org)

9. Developing gas infrastructure - NIMBY

Christophe Feuillet and Mylène Poitou - GRT Gaz, Gaz Réseau Transport reviewed the challenges GRTGaz faces in order to develop new infrastructures and to deal with the NIMBY issue (*not in my backyard*).

Public debate plays an important role in order to ensure that public requirements are taken on board as there is an obligation to justify the need for the specific project. Natural gas projects have a good image in France benefiting from past projects.

CCGT are the ideal complement to renewable energies for electricity production.

GRTgaz is willing to prepare its network to make the energy transition possible by assisting with the development of local energy projects while ensuring solidarity between regions.

(This presentation can be found on the IGU Website: www.igu.org)

10. Plenary Session

After the 2 hours working sessions the study groups presented their conclusions of the two days meetings and the way forward of study group.

- **SG1-** Marketing natural gas and promoting new usages, Luis Pinto
Set a plan for delivery data and gathering of best practices
- **SG2-** Competing and coordinating with other energies, Barbara Jinks

SG Will develop draft case studies and issue a survey among the members.

- **SG3-** Communication & public acceptance of natural gas projects, Hansch Van der Velden

The SG will Develop model (mutual gains) based on learning's of case studies in Spain, Poland, Ireland, France, South Africa, Brazil, Australia, USA, Ireland...
Give guidelines, gaps, call to action and recommendations to the IGU.

- **i-gas industry** – Contribution to special report, David Konvalina
Members of the different study groups joined

(These presentations can be found on the IGU Website: www.igu.org)

11. Wrap & Conclusions

Chairman of the Committee congratulates the members of the groups, who are consolidating the SG work, team, scope of work and focus.

We are growing ... 11 new members

New topics were introduced in this 2nd meeting of the French triennium: DSO's, TSO's, LNG... business models, innovation, communication

Chairman informed that he will be present on the ExCommittee meeting in Seville in the workshop of Purple Pillar (Human Resources) where he will make a presentation:-

Members are encouraged by the chairman to be active and present at the IGU Collaborative platform and Twitter

Chairman of PGC E recognize the very good job done by the host, GDF Suez and GrDF during the 2 days meeting.

Next PGC E meeting will take place in Washington DC 7-9 October 2013

(This presentation is displayed on the IGU Website: www.igu.org)