



Coordination Committee 2012-2015

Committees Updates

***1st meeting
Moscow, Russia
13-14 November 2012***

***Working Committee 5 –
Utilization of Gas***

Topics WOC 5

- ◆ ***Membership***
- ◆ ***Provisional Schedule of the meetings***
- ◆ ***Work in progress :***
 - ***Study Groups reports***
 - ***Transversal Pillars Issues***
 - ***WGC 2015 sessions***
- ◆ ***External relations / other activities (articles...)***
- ◆ ***Photo Gallery***

Total nominated members:

- *Study Group 5.1 – Industrial: 19 nominees*
- *Study Group 5.2 – Residential & Commercial: 17 nominees*
- *Study Group 5.3 – NGVs: 30 nominees*
- *Topic Teams 1 & 2 – Renewables & Gas Quality: 5 nominees*

71 nominees after the 1st meeting

Meeting attendees :

- *Study Group 5.1 – Industrial: 15 delegates*
- *Study Group 5.2 – Residential & Commercial: 10 delegates*
- *Study Group 5.3 – NGVs: 24 delegates*
- *Topic Teams 1 & 2 – Renewables & Gas Quality: 5 delegates*

Total: 54 attendees at the 1st meeting

Meetings Schedules / WOC 5

🔹 Dates and locations of the 6 meetings

| <i>Meeting 1 2012</i> | <i>Meeting 2 2013</i> | <i>Meeting 4 2013</i> | <i>Meeting 5 2014</i> | <i>Meeting 6 2014</i> | <i>Meeting 7 2015</i> |
|---------------------------|--|------------------------------------|-------------------------------|--|---------------------------|
| <i>Moscow</i> | <i>Houston</i> | | | <i>Copenhagen</i> | |
| <i>Russia</i> | <i>USA</i> | <i>Portugal</i> | | <i>Denmark</i> | |
| <i>Nov 13-14</i> | <i>April 14-15</i> | <i>Autumn</i> | | <i>September 14-15</i> | |
| <i>Gazprom</i> | <i>Westport</i> | <i>Duorogas</i> | | <i>HMN Naturgas</i> | |
| | <i>In conjunction with LNG17 tbc</i> | <i>by Nuno Moreira tbc</i> | | <i>In conjunction with IGRC-2014</i> | |

tbc = to be confirmed

WOC 5 SG 1: «Industrial»

- ◆ **Leaders:** *Egidio Adamo, ENI G&P; Nuno Afonso Moreira, Sonorgas*

- ◆ **Progress detail:**
 - *Key topics identified: Market analysis, Fuel switching, Energy efficiency, Renewables, Gas to power, Energy Services in industry, LNG in industry*
 - *Structure draft for the report of SG 5.1 was suggested*
 - *Cross items focused with TT1 (Renewables) & TT2 (Gas Quality)*
 - *Actions towards next meeting planned*

WOC 5 SG 2: «Residential & Commercial»

- ❖ **Leaders:** *Martin Seifert, SVGW; Frédéric Pastier, GDFsuez*

- ❖ **Progress detail:**
 - *Key topics identified: Collaboration with manufacturers and trade associations; Micro-CHP; Hybrid Systems; Gas driven heat pumps; Fuel Cell heating systems; Energy services; New technologies*
 - *Structure draft for the report of SG 5.2 was suggested*
 - *Cross items focused with SG 5.1 (Industry), TT2 (gas quality), PGC-E, GERC, Manufacturers*
 - *Intersession actions calendar proposed*

WOC 5 SG 3: «NGVs»

- ❖ **Leaders:** *Olivier Bordelanne, GDFsuez; David Graebe, Gazprom Germania*

- ❖ **Progress detail:**
 - *World NGV Report & Overview discussed*
 - *Key advocacy work proposed*
 - *Closer coordination with NGV Global planned*
 - *Responsibilities defined*
 - *Actions towards next meeting planned*

Transversal Pillars issues / WOC5

Yellow Pillar (renewables and electricity combination):

- *Securing synergy of natural gas with bioCH₄, e-power, hydrogen and renewables. Team up with PGCF*

Purple Pillar (Human Resources):

- *Attracting human capital not only within industry. Also among suppliers, users, manufacturers, politicians, managers. Team up with TF1, TF2*

Green Pillar (Sustainable Development):

- *Building up market, lowering costs, investing into infrastructure, improving technologies. Team up with PGCA, PGCD, PGCE, PGCF, GERC*

Red Pillar (Gas everywhere):

- *Spreading benefits of gas. Team up with PGCC, PGCE*

Proposed sessions for WGC 2015 :

- *Committee Session 5.1 WOC5: Industrial utilization*
- *Committee Session 5.2 WOC5: Residential and Commercial*
- *Committee Session 5.3 WOC5: NGVs*
- *Special Session with NGV Global*
- *Special Session on Renewables and Gas Quality*

Titles of the Paris sessions will be developed later.

External relations:

- *United Nations*
- *European Gas Research Group*
- *Regional NGV Assosiations*

Articles for IGU Magazine:

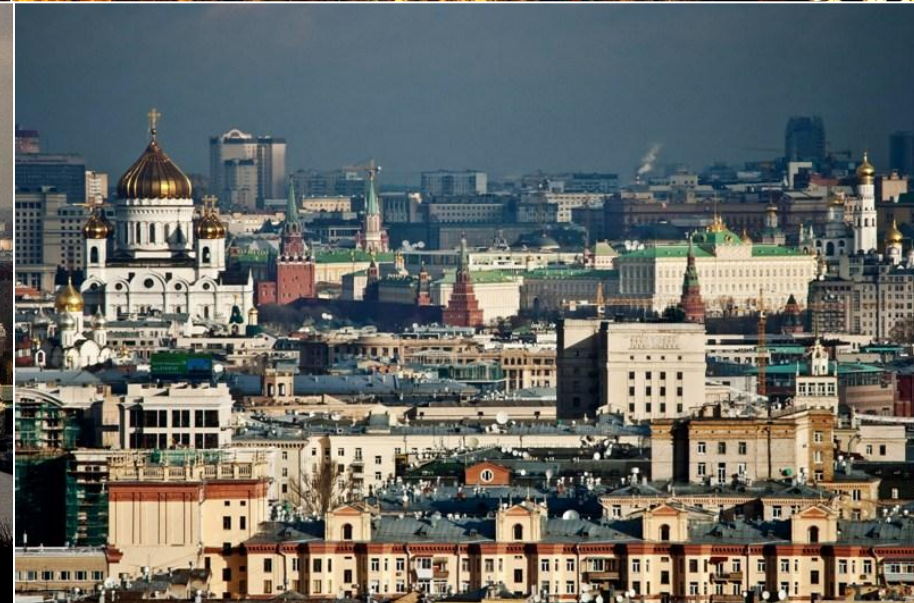
- *Each Study Group and Topic Team will deliver one article to the IGU Magazine.*

Other activities:

- *Blue Corridor NGV Rallies (Road Shows), Conferences and Workshops, Exhibitions and Trade shows*

Dates and titles will be specified

Moscow in November 2012



WOC 5 - Sessions



WOC5 Sessions



TechTour to CHP Plant



Visit to Tretyakov Gallery



Let's WOC⁵ Together!



WOC 5 – Utilization of Gas

Thank you for your participation

