



Long Version

**Study Group 4.2
Diversification of Gas Quality and
Non-conventional Sources in a Carbon-free Future**

International Gas Union Working Committee 4 Distribution

Third Meeting
8th – 11th October 2013
Paris, France



SG 4.2 Work Progress Report

3rd meeting

Proposal of action title for SG 4.2 for the WGC 2015

Revolution or evolution in gas quality into a Carbon-free Future

- Current developments in respective home markets show an extremely heterogeneous situation regarding gas quality, regulation, political framework and smart gas technologies in the individual markets
- French case (Remy Cordier) shows the benefits and the distribution system robustness for change between pipeline based and LNG-based supplies
- Shale gas (SG) experience report in the USA shows that SG is of course NG but “the devil is in the detail” and efforts technical standards and clear rules; limited impact on DNO infrastructure
- Europe is already “pregnant” in Shale Gas and will expect a first SG baby in Poland - big efforts have been made (48 test drills are completed) → baby boom is expected
- Danish experience in gas conversion (Flemming Jensen) shows the properly switch of variable gas qualities
- Task for WOC 4 members:
Progressive scenario assessment & evaluation for the introduction of new gases

WGC 2015 Preliminary Programm

Committee Session : “SG 4.2 Title” Revolution or evolution in gas quality into a Carbon-free Future

Objectives :

- Introduce new gas sources for securing long term competitiveness (greening the gas – CO2 targets, economics)
- Enable the diversification of gas quality through advanced technologies
- Increasing injection of gases from non-conventional sources
- Development of strategies to determine and secure an acceptable gas quality range

Content :

- Different sources of supply due to short term contracts
- Change between pipeline-based and LNG-based supply
- Development of local gas fields (e.g. shale gas)

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Content : In 5 to 10 lines

- Different sources of supply due to short term contracts
- Change between pipeline-based and LNG-based supply
- Development of local gas fields (e.g. shale gas)

Recommended size of the room : 1000 / 500 / 350 /250 /150

Nota : the presentations would be selected from the “call for abstracts”

Expert Forum : “Title” (transversal topic different from the special panels and committee’s sessions)

Overview : In 10 to 15 lines

Recommended size of the room : 1000 / 500 / 350 /250 /150

Special Panel : “Title”

Overview : In 15 to 25 lines, linking with the 4 Pillars

Recommended size of the room : 1000 / 500 / 350