



# International Gas Union Working Committee 4 Distribution

Sixth Meeting  
3<sup>rd</sup> – 6<sup>th</sup> March 2015  
Prague, Czech Republic



# IGU WOC 4 – Agenda of the 6<sup>th</sup> meeting

	<b>Tuesday</b> 03.03.2015	<b>Wednesday</b> 04.03.2015	<b>Thursday</b> 05.03.2015	<b>Friday</b> 06.03.2015
<b>Morning</b>		<b>09.00 – 12.30</b> Committee Meeting	<b>09.00 – 12.30</b> Study Groups	<b>09.00 – 12.00</b> Technical tour <b>12.00 – 13.00</b> Farewell Lunch
<b>Afternoon</b>	<b>16.00 – 18.00</b> Meeting Management Team	<b>13.30 – 17.30</b> Preparing WGC	<b>14.00 – 16.30</b> Study Groups & Plenary	
<b>Evening</b>	<b>20.00 - 22.00</b> Welcome buffet	<b>19.00 - 22.30</b> Gala Dinner sponsored by RWE GasNet & RWE Distribucni služby	<b>18.00 – 20.00</b> Guided city walk <b>20.00 – 22.30</b> Dinner sponsored by Pražská Plynárenská Distribuce	

# IGU WOC 4 – Plenary Meeting (Wednesday)

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- 09:00 – 09:15 Welcome and Opening (*Dietmar Spohn* WOC 4 Chair)
- 09:15 – 09:30 Introduction of all members – Adoption of agenda
- 09:30 – 10:00 Czech Gas Association – Gas market in the Czech Republic
- 10:00 – 10:30 RWE GasNet – DSO perspective – Gas grid new technical projects
- 10:30 – 11:00 E.ON Energie – National action plan for „The Clean mobility“
- 11:00 – 11:15 Coffee break
- 11:15 – 11:40 RWE East – Trends in Energy market - Research & Development
- 11:40 – 12:05 RWE Energo – Energy Projects in the Czech Republic
- 12:05 – 12:30 Pražská Plynárenská Distribuce – DSO operation model for the Prague City
- 12:30 – 13:30 Lunch at the Hotel/Conference Center
- 13:30 – 15:00 Presentation of the final IGU WOC 4 Report (*Study Group Leader*)
- 15:00 – 15:30 Coffee break
- 15:30 – 15:45 Time Schedule of WGC and Panel Sessions (*Dietmar Spohn* WOC4 Chair)
- 15:45 – 16:45 News from the IGU and Wisembly – What is it about? (*George Liens*)
- 16:45 – 17:00 IGU priorities and gas advocacy activities (*Torstein Indrebø*)
- 19:00                      Gala dinner in Triton Restaurant – Hotel Adria

# IGU WOC 4 – Plenary Meeting (Thursday)

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- 09:00 – 11:00 Work in Study Groups – Preparing the sessions on WGC in June 2015
- 11:00 – 11:15 Coffee break
- 11:15 – 12:00 Presentation of presidency of IGU in 2015 -2018 triennium  
(*José Maria Almacellas* WOC4 Vice Chair)
- 12:00 – 12:30 Planning next triennium 2015 – 2018 (provisional time schedule)  
(*José Maria Almacellas* WOC4 Vice Chair / *Carlos Villalonga* Secretary)
- 12:30 – 14:00 Lunch
- 14:00 – 15:00 Work in Study Groups – Preparing the sessions on WGC in June 2015
- 15:00 – 15:15 Coffee break
- 15:15 – 16.30 Plenary Meeting and any other business
- 16:30           End of Meeting (*Dietmar Spohn* WOC 4 Chair)
- 17:45           Meeting at the hotel lobby for guided city walk and dinner
- 18:00 – 20:00 Guided city walk
- 20:00 – 22:30 Dinner

# IGU WOC 4

## Management Team:



**Chairman: Dietmar Spohn**

*Managing Director,  
Stadtwerke Bochum Holding, Germany*

E-Mail: [dietmar.spohn@stadtwerke-bochum.de](mailto:dietmar.spohn@stadtwerke-bochum.de)



**Vice Chairman: José Maria Almacellas**

*Gas Distribution Technical Director,  
Gas Natural Fenosa, Spain*

E-Mail: [jmalmacellas@gasnatural.com](mailto:jmalmacellas@gasnatural.com)



**Secretary: Uwe Klaas**

*Senior Technical Manager,  
DVGW Deutscher Verein des  
Gas- und Wasserfaches, Germany*

E-Mail: [klaas@dvgw.de](mailto:klaas@dvgw.de)

# IGU WOC 4

## Study Group Leaders:



### **SG 4.1: José Carlos Broisler Oliver**

*COMGAS, Brazil*

*Regulation on Third Party Access to Gas Distribution Networks –  
A Standard Approach*

E-Mail: [joliver@comgas.com.br](mailto:joliver@comgas.com.br)



### **SG 4.2: Peter Flosbach**

*Westnetz, Germany*

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

E-Mail: [peter.flosbach@westnetz.de](mailto:peter.flosbach@westnetz.de)



### **SG 4.3: Pascal Vercamer**

*GDF SUEZ, France*

*Smart Grids in Gas Distribution*

E-Mail: [pascal.vercamer@gdfsuez.com](mailto:pascal.vercamer@gdfsuez.com)

# Presentation by Czech Gas Association

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- Insight into Gas market in the Czech Republic  
Petr Stefl, Technical Section Head

# Presentation by RWE GasNet

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- DSO at glance/regulation/trends/Gas grid-new technical projects  
Andrej Prno, Head of Strategy, M.Filip RWE GasNet

# Presentation by E.ON Energie

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- National action plan for „The Clean mobility“  
Jiri Simek, Vice Chairman

# Coffee break

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# Presentation by RWE East

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- Trends in Energy market/Market study/Research & Development/Projects R&D  
Libor Cagala, COC R&D

# Presentation by RWE Energo

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- Energy Projects in the Czech Republic  
Zdenek Kaplan, CEO

# Presentation by Pražská Plynárenská Distribuce

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- DSO operation model for the Prague City/operation and maintenance trends/projects City Gas Lamps in details  
Petr Novak, Head of Operation

# Lunch



# Presentation of the final IGU WOC 4 Report (Study Group Leader)

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- Important deadline for comments to WOC 4 report:  
**10th of march 2015**
- Please send comments to the following persons:
  - Dietmar.Spohn@Stadtwerke-Bochum.de
  - klaas@dvgw.de
  - Steffen.Hommel@Stadtwerke-Bochum.de

**Coffee break back at 15:15**

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# WOC4 on WGC and Panel Sessions

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- 3 types of different panels at the WGC in Paris
  1. Thematic Session
    - WOC 4.1 - with interactive session - Explanation by George Liens
    - WOC 4.2 - like it was use to
    - WOC 4.3 - with interactive session - Explanation by George Liens
  2. Interactive Showcase Session (former poster session)
  3. Strategic Panel PGC F & WOC4
    - Smart energy systems in a sustainable future
    - Explanation by Pascale Vercamer

# WOC4 on WGC and Panel Sessions

## ■ Study Group 4.1:Thematic Session – 2. June – 17:00 – 18:30

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	José Carlos	Boisler Oliver		Comgas	
1	Fathima	Sheik	Manager	Genesis Analytics Pty Ltd	THIRD PARTY ACCESS TO DISTRIBUTION: LESSONS FROM SOUTH AFRICA
2	Igor	Tverskoy	Director of Scientific and Technical Center	OJSC "Gazprom promgaz"	DETERMINING FACTUAL PRODUCTIVE CAPACITY RESERVE OF GAS DISTRIBUTION SYSTEMS
3	Nicholas	Biederman	Principal consultant	Gas Operations Innovation Alliance,	EVOLUTION OF OPEN ACCESS IN NORTH AMERICA
4	Alessandro	Soresina	Commercial Manager Distribution	A2A Servizi alla Distribuzione S.p.A.	THIRD PARTY ACCESS TO GAS DISTRIBUTION NETWORKS - ITALY'S EXPERIENCE
5	Nicolas	Hubert	Senior Analyst	GrDF	EXPERIENCE OF THIRD-PARTY ACCESS TO GAS DISTRIBUTION NETWORKS IN FRANCE    BACKGROUND
6	Steven	Roberts	Senior Principal Consultant	DNV GL	EVOLUTION OF THIRD PARTY ACCESS TO GAS TRANSPORTATION INFRASTRUCTURE IN GREAT    BRITAIN

## ■ Interactive Showcase Session – 4. June 14.40 - 15.25

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	José Carlos	Boisler Oliver		Comgas	
1	Sérgio	Paula	Advisor on Regulatory Area	Gas Brasileiro Distribuidora	Open Access to Pipelines in Brazil - A Free market analysis of distribution of    piped Natural gas.
2	Young-Cheol	Ha	Chief Research Engineer	Korea Gas Corporation (KOGAS)	CONSTRUCTION OF THE CALIBRATION FACILITY FOR NATURAL GAS FLOWMETERS
3	Mohsen	Sabzpooshani	Manager/Analyst, Programmer	Tarsim Ariana	NET GAS TEST
4	Remco	Van Den Berg	Consultant	Vsl B.V.	EUREGA! IT'S ALL ABOUT HARMONY...

# WOC4 on WGC and Panel Sessions

## ■ Study Group 4.2:Thematic Session – 3 June 2015 17:00 - 18:30

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	Peter	Flosbach		Westnetz GmbH	
1	Marie-Laure	Charlot	Direction Stratégie et Territoires - Délégation	GrDF	BIOMETHANE INJECTION INTO THE NATURAL GAS GRID
2	Arief	Mujiyanto	Senior Engineer of Gas Management System	PT. Perusahaan Gas Negara (Persero)	MANAGING DIVERSIFICATION OF GAS QUALITY IN DISTRIBUTION GRIDS BY GAS QUALITY   TRACKING WITH INCOMPLETE MEASUREMENT INFRASTRUCTURE
3	René	Hermkens	Senior Project Manager	KIWA Technology B.V.	THE IMPACT OF RENEWABLE GASES ON GAS DISTRIBUTION MATERIALS
4	Edward (Eddie)	Johnston	Vice President, Research Operations	Gas Technology Institute	HYDROGEN BLENDING WITH NATURAL GAS INCREASING THE RELEVANCE OF PIPELINES IN   RENEWABLE ENERGY PLANNING
5	Jumpei	Miyazaki	Engineer	Osaka Gas Co., Ltd.	BIOGAS BUSINESS STRATEGY OF OSAKA GAS   ;DEVELOPMENT OF 'COMPACT BIOGAS PRODUCTION SYSTEM
6	Johnny Thomas	Holst	Head Of Preparedness	Energinet.Dk	CONVERTING THE GAS SYSTEM FROM FOSSIL TO GREEN ENERGY CARRIER

## ■ Interactive Showcase Session - 2 June 13:50 - 14:35

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	Peter	Flosbach		Westnetz GmbH	
1	Andrei	Albul	Assistant Professor & 2. Deputy head	Russian State University of Oil & Gas, & JSC Lores	GAS DISTRIBUTION POINTS AUTONOMOUS ENERGY SUPPLY WITH LOW PRESSURE AND TURBO GAS   EXPANSION ENGINES
2	Abdulkadir Alper	Akgüngör	Mechanical Eng. MSc.	UGETAM Co. Inc.	FACTORS INFLUENCING GAS MEASUREMENT
3	Terry	Williams	Engineer	Orbital Global Solutions Ltd	FAST, ACCURATE, LOW-COST UNCONVENTIONAL GAS QUALITY MONITORING
4	Koichiro	Ikeda	Process Engineering Team Engineering	Osaka Gas Co., Ltd.	DEVELOPMENT OF HYDROGEN GENERATOR FOR HYDROGEN STATIONS AND CONSTRUCTION OF   ON-SITE HYDROGEN STATION
5	Arief	Mujiyanto	Senior Gas Management	PT. Perusahaan Gas Negara (Persero) Tbk	GAS OFF-SPEC EARLY WARNING SYSTEM:   A BEST PRACTICE FOR MANAGING LOW QUALITY GAS IN DISTRIBUTION GRIDS
6	Yuya	Sanji	Staff Engineer	TOHO GAS CO.,LTD. Environmental and New	Comprehensive Demonstration Test at Toyota Ecoful Town Hydrogen Refueling   Station

# WOC4 on WGC and Panel Sessions

## ■ Study Group 4.3:Thematic Session 4 June 2015 08:30 - 10:00

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	Pascal	Vercamer		GDF Suez	
1	Roch	Drozdowski	Head of Mission Smart Grids	GrDF	SMART GAS INFRASTRUCTURES PROGRAM IN FRANCE
2	Dominique	Damman	Head of Technical Asset Management	Eandis – Distribution Company Belgium	SMART MONITORING OF GAS DISTRIBUTION GRIDS
3	Kimberly	Denbow Renegar	Director, Engineering Services	American Gas Association	SMART ENERGY FUTURE – CYBERSECURITY & RESILIENCE
4	Evgueniy	Entchev	Senior Scientist	CanmetENERGY Research Centre	Smart Energy Networks - a new Concept and Opportunity for the Gas Industry
5	Gaëtan	Cherix	Director	Center For Municipal Energy Research	TOWARDS PRE-DIMENSIONING OF NATURAL GAS NETWORKS ON A WEB PLATFORM

## ■ Interactive Showcase Session - 3 June 12:10 - 12:55

No.:	First name	Surname	Job title	Company	Speaker Paper Title
	Pascal	Vercamer		GDF Suez	
1	Miriam	Basler	Global Market Segment Manager	Georg Fischer Piping Systems Ltd.	APPLICATION OF ONLINE SERVICES IN GAS NETWORKS
2	Osman	Bozkurt	Electronic Maintenance	Bursagas (BURSA ŞEHİRİÇİ DOĞALGAZ DAĞITIM	EARTHQUAKE RISK MANAGEMENT ON NATURELGAS NETWORKS
3	Marek	Gabrys	Vice President, Telemetry	AIUT Sp. Z O.O.	EFFECTIVE OVERDUE PAYMENT REDUCTION. CASE STUDY OF SMART GAS METERING PROJECT   CONDUCTED BY THE POLISH GAS COMPANY (PSG) IN 2008-2013
4	Young Suk	Lee	Researcher	Korea Gas Corporation (KOGAS)	Smart Gas Grid Approach in Korea.
5	Ivo	Smits	Consultant	Liandon	GEOGRAPHICAL ANALYSIS AS A TOOL TO ENSURE A SAFA AND RELIABLE DISTRIBUTION OF   GAS
6	André	Wankelmuth	Director Market Development	Ittron	Smart Metering in Gas: Pay-Back on the Investment?   The Burning Question.

# WOC4 on WGC and Panel Sessions

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- Status quo of Strategic Panel PGC F & WOC4  
Smart energy systems in a sustainable future  
(*Pascale Vercamer*)

# News from the IGU and Wisembly

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- What is it about? (George Liens)

# IGU priorities and gas advocacy activities (Torstein Indrebø)

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# Work in Study Group for Thursday, 5th of March 2015

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- 09:00 – 11:00 Work in Study Groups  
Preparing the sessions on WGC in June 2015
- Room allocation:
  - Study Group 4.1 – Venue: Hotel Adria
  - Study Group 4.2 – Venue: Monastery Hall - Conference Area
  - Study Group 4.3 – Venue: Monastery Hall - Meeting Room

# So you at the Gala Dinner

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- Time: 7:00 pm
- Dresscode: business
- Location: Triton Restaurant, Hotel Adria,  
Václavské náměstí 784/26, 110 00 Praha 1



Please come together for a picture



# Coffee break

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# Presentation of presidency of IGU next triennium (José Maria Almacellas )

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# Planning next triennium 2015 – 2018

## (José Maria Almacellas / Carlos Villalonga)

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# Lunch



# Topics WOC4 next triennium 2015 – 2018

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## First draft of topics

1. **Role of DSO, market creation and facilitation**
2. **Operational excellence of distribution activities (quality and safety)**
3. **System integration of green gas and other energies**

# Work in Study Groups

## Preparing the sessions on WGC in June 2015

- SG4.1: Thematic Session: WISEMBLY
  - Chair: Jose Carlos Oliver
  - Leader: Nicholas Biederman
  - Moderator: Gabriel Sousa
  - Interactive Showcase Session:
    - Leader: Jose Carlos Oliver
- SG4.2 : Thematic Session:
  - Chair: Peter Flosbach
  - Vice Chair: Rory Somers
  - Interactive Showcase Session:
    - Leader: Peter Flosbach / Rory Somers
- SG4.3: Thematic Session: WISEMBLY
  - Chair: Pascal Vercamer
  - Leader: Kim Vrancken
  - Moderator: Ben Lembregts
  - Interactive Showcase Session:
    - Leader: Pascal Vercamer

# Plenary Meeting and any other business



Friday: Technical Tour:  
09:00 Meeting Hotel Lobby

# Evening Event

- Time: 17:45 Meeting at the hotel lobby for guided city walk  
18:00 – 20:00 Guided city walk  
20:00 – 22:30 Dinner
- Dresscode: business casual
- Location: Typical Prague's Restaurant „U Pinkasů“  
Jungmannovo náměstí 15/16, 110 00 Praha 1

