

# 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> 06.032015
	Morning	09.00 – 12.3 Committee N		<b>09.00 – 12.30</b> Study Groups	09.00 - 12.00 Technical tour 12.00 - 13.00 Farewell Lunch
A	Afternoon	16.00 – 18.00 Meeting Management Team	<b>13.30 – 17.30</b> Preparing WGC	<b>14.00 – 16.30</b> Study Groups & Plenary	
	20.00 - 22.00 Welcome buffet  Gala Dinner sponsored by RWE GasNet & RWE Distribucni služby		18.00 – 20.00 Guided city walk 20.00 – 22.30 Dinner sponsored by Pražská Plynárenská Distribuce		



### **IGU WOC 4 – Plenary Meeting (Wednesday)**

- 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)**

- 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: <u>dietmar.spohn@stadtwerke-bochum.de</u>



**Vice Chairman: José Maria Almacellas** 

Gas Distribution Technical Director, Gas Natural Fenosa, Spain

E-Mail: <u>jmalmacellas@gasnatural.com</u>



Secretary: Uwe Klaas

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

E-Mail: 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



SG 4.2: Peter Flosbach

Westnetz, Germany

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

E-Mail: <a href="mailto:peter.flosbach@westnetz.de">peter.flosbach@westnetz.de</a>



SG 4.3: Pascal Vercamer

GDF SUEZ, France

Smart Grids in Gas Distribution

E-Mail: pascal.vercamer@gdfsuez.d

### **Presentation by Czech Gas Association**

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



### **Presentation by RWE GasNet**

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



### **Presentation by E.ON Energie**

National action plan for "The Clean mobility"
 Jiri Simek, Vice Chairman



# **Coffee break**





### **Presentation by RWE East**

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



# **Presentation by RWE Energo**

Energy Projects in the Czech Republic
 Zdenek Kaplan, CEO



#### Presentation by Pražská Plynárenská Distribuce

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



# Lunch





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

- 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





- 3 typs 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)
  - Strategic Panel PGC F & WOC4
     Smart energy systems in a sustainable future
     Explanation by Pascale Vercamer



#### ■ 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 Brasiliano Distribuidora	Open Access to Pipelines in Brazil - A Free market analysis of distribution of     piped Natural gas.
2	Young-Cheol	На	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

No · First name

Surnama

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

	This nume	Sumanic	Job title	Company	Speaker ruper rule
	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 manne	Juillaille	Job title	Company	Speaker raper fine
	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 C PARIS 2015 Refueling     Station

Speaker Paper Title

#### 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 ŞEHIRİÇİ 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   GEOGRAPHICAL ANALYSIS AS A TOOL TO ENSURE A SAFA AND RELIABLE DISTRIBUTION
6	André	Wankelmuth	Director Market Development	Itron	Smart Metering in Gas: Pay-Back on the Investment?  The Burning Question. WGCPARIS201

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



# **News from the IGU and Wisembly**

What is it about? (George Liens)



# IGU priorities and gas advocacy activities (Torstein Indrebø)



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

- 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

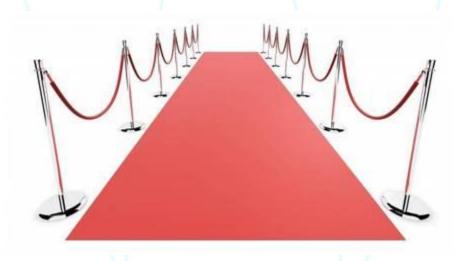
### So you at the Gala Dinner

■ Time: 7:00 pm

Dresscode: business

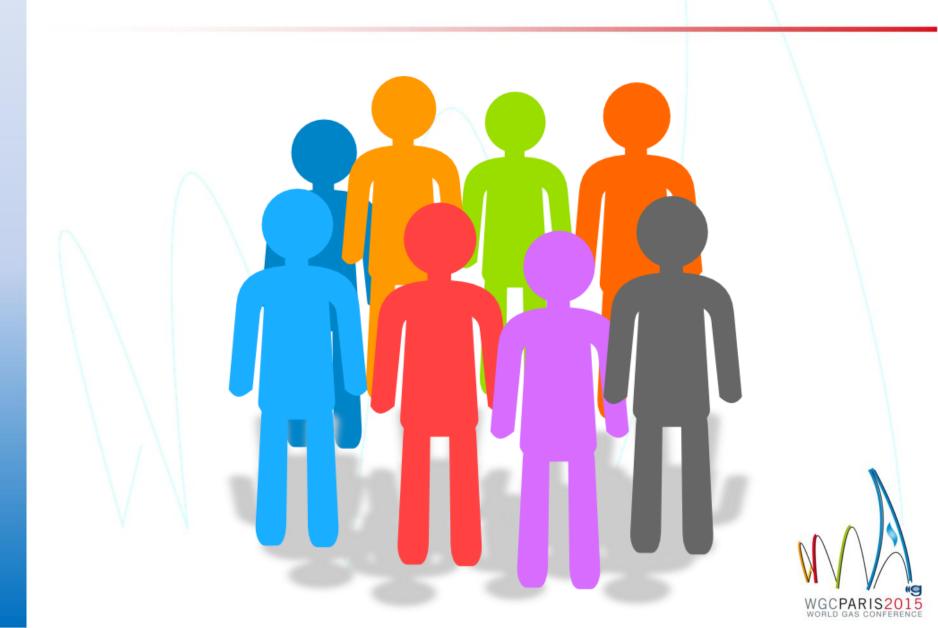
Location: Triton Restaurant, Hotel Adria,

Václavské náměstí 784/26, 110 00 Praha 1





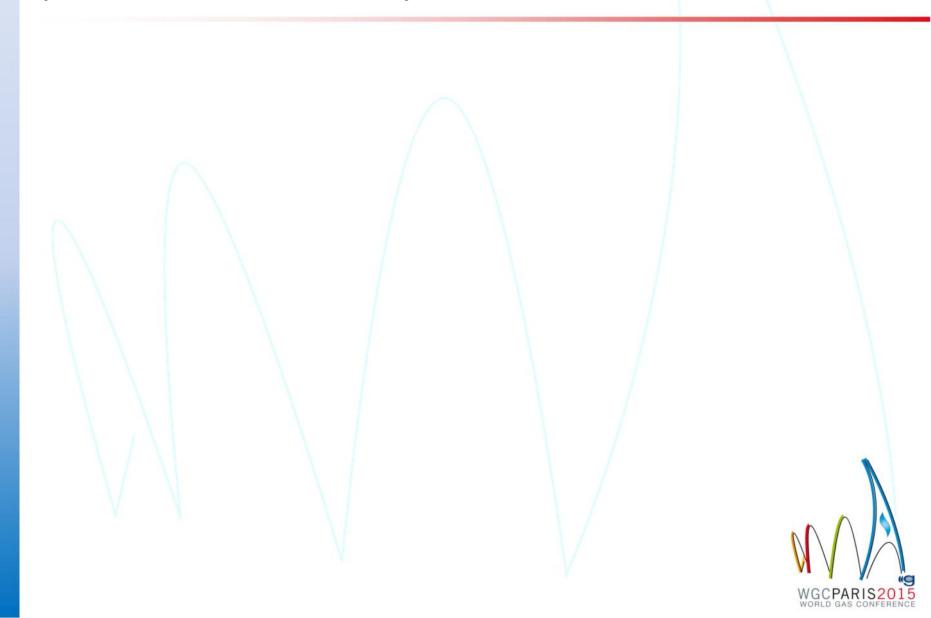
# Please come together for a picture



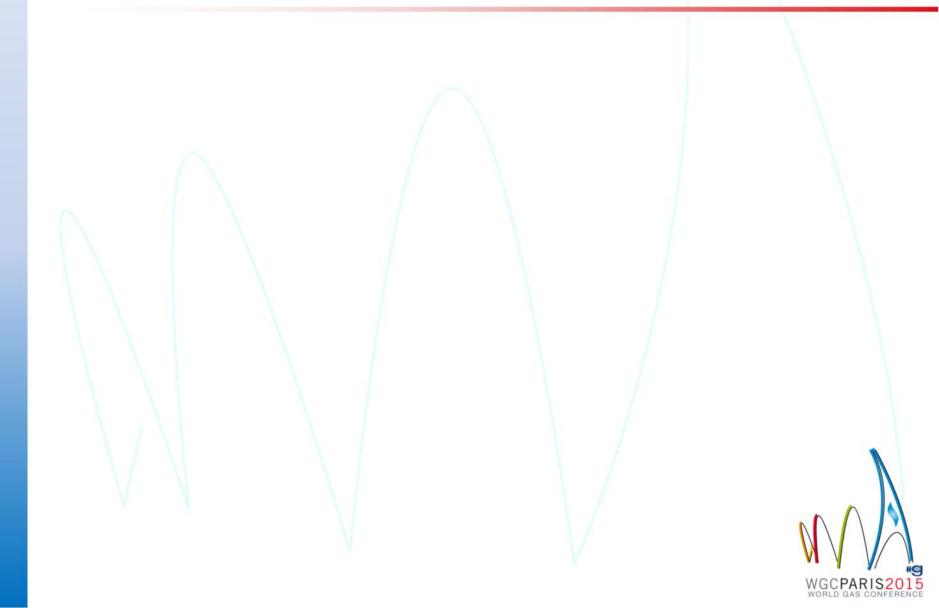
# **Coffee break**



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



# Planning next triennium 2015 – 2018 (José Maria Almacellas / Carlos Villalonga)



# Lunch





#### **Topics WOC4 next triennium 2015 – 2018**

#### 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



