

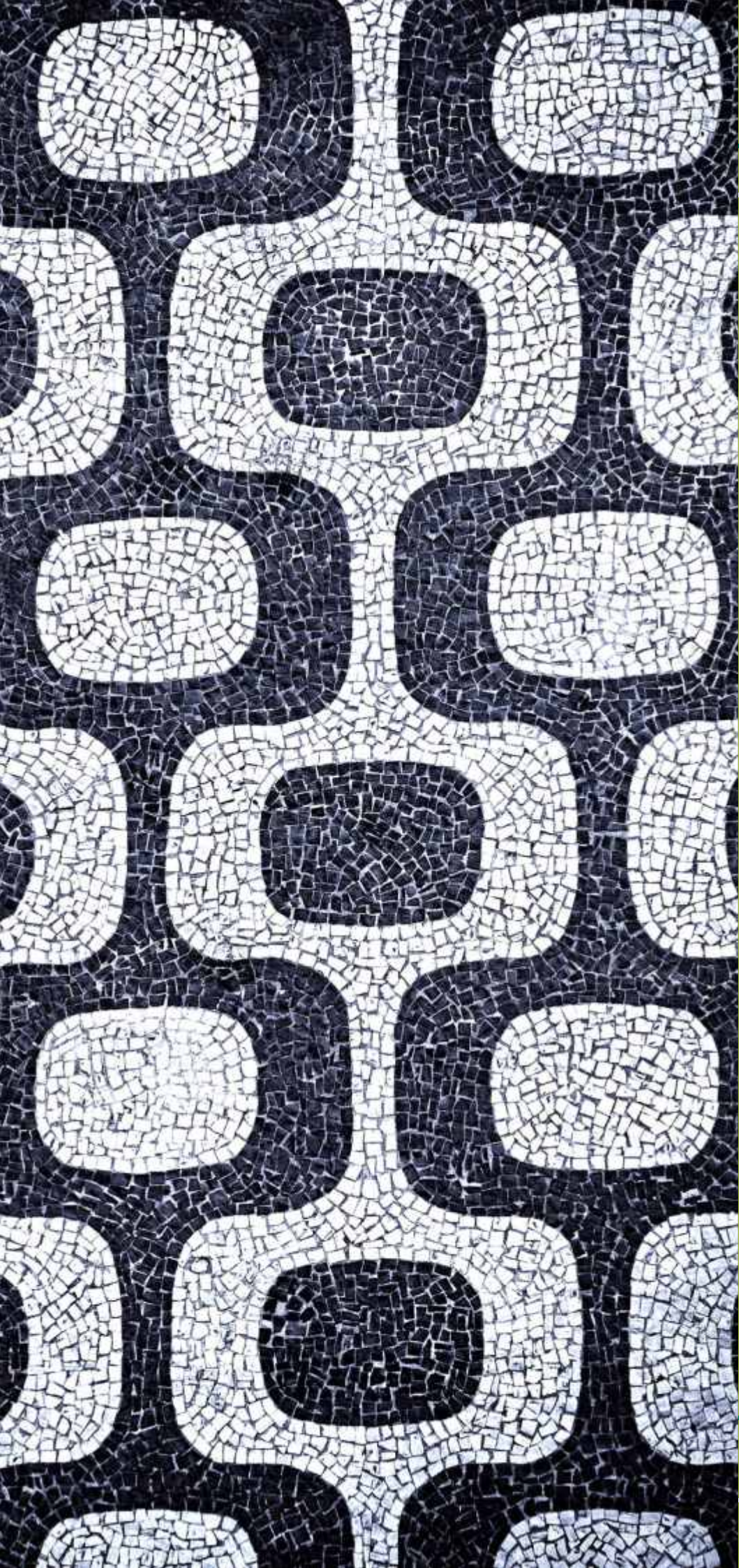
*Welcome*

# IGU COMMITTEE MEETING (WOC1 and PGC A)

18-21 February  
2013

Rio de Janeiro, Brazil  
The Windsor Atlantica Hotel





**IGU COMMITTEE MEETING**

18-21 February 2013

Rio de Janeiro, Brazil



## Welcome

Welcome to the second meeting of WOC 1 and PGC A in the current IGU triennium.

Only eight months have passed since the last World Gas Conference in Kuala Lumpur. Indeed, we are still in the early stages of our work, but time flows very fast, and we must not lose momentum, as we have a lot of work ahead of us.

Our seven study groups will put together more than 10 committee sessions, expert fora and strategic panels in the next WGC, helping our French leaders to make of this a memorable event, perhaps even larger than the previous one, where unprecedented levels of participation and quality were reached, thanks to the competence and dedication of our Malaysian colleagues.

In that sense, we have prepared an intense agenda for you, with more than 50 plenary and study group presentations and plenty of materials to fuel high quality discussions.

We need your help to achieve that. Please perform your presentations with enthusiasm, ask heartily, criticize constructively and share as much information as possible.

We wish you a very productive meeting, a good networking environment, and plenty of quality results.

Denis Krambeck Dinelli, Chairman WOC 1  
Satoshi Yoshida, Chairman PGC A

## DAY 1 MONDAY, 18 FEBRUARY 2013

**19:00 – 21:00**  
Arrival of WOC1 / PGC A Members  
Hotel Windsor Atlantica, 5<sup>th</sup> floor (casual attire)



**Petrobras Ventura Building,**  
in the centre of Rio de Janeiro.

## DAY 2

### TUESDAY, 19 FEBRUARY 2013

**9:00 – 10:15**

**PGC A and WOC 1 Joint Plenary Session** (75 min)  
Paraty Room, 1<sup>st</sup> floor (business attire)

#### **Safety briefing and introduction**

Dr. Marcos de Freitas Sugaya, MC (Petrobras)

#### **Opening presentations**

**Welcome**

Mr. Denis Krambeck Dinelli, Chairman of WOC 1

Mr. Satoshi Yoshida, Chairman of PGC A

#### **Petrobras Gas & Energy**

Mr. Alcides Santoro, Chief G&E Officer (10 min)

#### **The Brazilian Association of Local Distribution Companies (ABEGAS), IGU Charter Member**

Mr. Luis Domenech, CEO, Regional Coordinator and Member of the Executive Committee of the IGU (10 min)

#### **The Brazilian Institute of Petroleum, Gas and Biofuels (IBP)**

Mr. Milton Costa Filho, CEO (10 min)

#### **Total do Brasil**

Ms. Cynthia Silveira, Chief Gas & Electricity Officer and member of the Executive Committee of the IGU (10 min)

#### **Unconventional Gas in Brazil**

Marco Tavares, Partner, Gas Energy (10 min) (tbc)

#### **Policies for natural gas in Brazil**

Mr. Aldo Barroso Cores Jr., Natural Gas Deputy Director, MME (10 min)

**Q&A** (15 min)

## DAY 2

TUESDAY, 19 FEBRUARY 2013

**10:15-10:30** Coffee Break (15 min)**10:30 – 11:50** PGC A and WOC 1 Joint Plenary Session**The Global Gas Flaring Reduction Partnership** (20 min)

Bent Svensson, GGFR Program Manager, World Bank

**Petrobras' Gas Utilization Optimization Programme** (20 min)

Denis Krambeck Dinelli, Gas Production Planning Manager

**Wind Energy in Brazil** (20 min)

Elbia Melo, CEO, Brazilian Association of Wind Energy

**News from the Coordination Committee** (20 min)

Mr. Yves Tournie, Secretary of the Coordination Committee

**11:50-12:10** PGCA Plenary SessionCabo Frio Room, 1<sup>st</sup> floor**Advances and next steps for PGC A**

Mr. Satoshi Yoshida, Tokyo Gas Chairman of IGU PGC A (5 min)

**IGU and WGC2015 website**

Demonstration and useful information

Mr. Masao Takekawa, Tokyo Gas Secretary of IGU PGC A (25 min)

**11:50-12:10** WOC1 Plenary SessionParaty Room, 1<sup>st</sup> floor**Advances and next steps for WOC 1**

Mr. Denis Krambeck Dinelli, Petrobras Chairman of IGU WOC 1 (20 min)

**12:10-13:30** Lunch (70 min)Hotel Windsor Atlantica, 4<sup>th</sup> floor**13:30-15:30** Study Group Sessions (120 min)

SG A.1 Carbon Capture - Cabo Frio A Room

SG A.2 Renewable Gases - Cabo Frio B Room

SG A.3 Life Cycle Analysis - Cabo Frio C Room

SG A.4 Unconventional Gas - Cabo Frio D Room

SG 1.1 E&amp;P Technology - Paraty A Room

SG 1.2 Reserves and Resources - Paraty B Room

SG 1.3 Gas Rent - Paraty C Room

**16:00-18:30** Sugar Loaf Tour (casual attire)**19:00 – 20:30** Dinner

Aprazível, Santa Teresa (casual attire)



Aprazível, Santa Teresa

## DAY 3

WEDNESDAY, 20 FEBRUARY 2013

### 8:30-10:30

PGC A Study Group Sessions  
(business attire)

**SG A.1 Carbon Capture** - Cabo Frio A Room

**SG A.2 Renewable Gases** - Cabo Frio B Room

**SG A.3 Life Cycle Analysis** - Cabo Frio C Room

**SG A.4 Unconventional Gas** - Cabo Frio D Room

### 9:30-10:30

WOC 1 Plenary Session  
Paraty A Room (business attire)

**10:30-10:45** Coffee Break (15 min)

### 10:45-11:15

PGC A Plenary Session (30 min)  
Cabo Frio A Room

**Meeting analysis and conclusions**  
PGC A Chairman and delegates

### 10:45-11:15

WOC 1 Plenary Session (30 min)  
Paraty A Room

**Meeting analysis and conclusions**  
WOC 1 Chairman and delegates

### 11:15-11:30

Joint Plenary Session  
**Next Joint Meeting of WOC 1 and PGC A**  
Mr. Adif Zulkifli, Petronas, Malaysia

**12:00-13:00** Lunch

**Venue:**

**Petrobras' R&D Centre Cenpes** was recently expanded to become one of the largest in the World, with 300,000 m<sup>2</sup> of laboratories, pilot plants, test facilities, offices and conference halls.



Rogério Reis / Banco de imagens Petrobras

**14:00 – 17:00**

**OVERVIEW AND TRENDS ON EXPLORATION AND PRODUCTION, BIOFUELS AND SUSTAINABILITY**

**PROGRAMME**

**14:00 – 14:30**

**Technological Challenges of the Brazilian Pre-Salt**

Orlando José Soares Ribeiro, General Manager, Production Engineering R&D, Cenpes

**14:30 – 14:45**

**Second Generation Ethanol and Biorefineries**

Francesco Palombo, Downstream Research Coordinator

**14:45 – 15:00**

**Compact and other Advanced GTL Technologies**

Ms. Ana Paula Fonseca, Gas, Energy and Sustainability Coordinator, Cenpes

**15:00 – 16:00**

**Visualization and Collaboration Nucleus, coffee break and visit to the research offices and gardens of Cenpes**

**16:00 – 16:15**

**Biodiesel, Biofuel for Aviation and Sustainability**

Prof. Donato Aranda, Federal University of Rio de Janeiro

**16:15 – 16:30**

**Microeconomics of Bioenergy: On the Location and Capacity of Biofuel Mills in Brazil**

Mr. Breno Pietracci, Università Ca' Foscari, Venice

**16:30 – 16:45**

**Closing Presentation**

**The National Petroleum Industry Organization (ONIP)**

Mr. Luis Mendonça, ONIP

**16:45 – 17:00**

**Closing Remarks**

Denis Krambeck Dinelli and Satoshi Yoshida, Chairmen of WOC 1/PGC A

WEDNESDAY, 19 FEBRUARY 2013

19:00 – 20h30

# FAREWELL DINNER

Fasano, Ipanema





## DAY 4

THURSDAY, 21 FEBRUARY 2013

8:00-11:30

### THE GUANABARA BAY LNG TERMINAL

#### Important!

Long sleeve shirts & trousers with non-heeled closed leather shoes are mandatory.

8:00

Departure from Windsor Atlantica Hotel

8:15

Boarding to Ilha D'Água

8:50 – 9:15

Safety briefing and general information

Mr. Rafael Noac Feldman, Manager, Petrobras Transpetro

9:15 – 11:30

LNG Terminal, FSRU Exquisite, Ilha Comprida and Ilha Grande

12:00 – 13:30 Lunch

Porcão Rio ́s

Departure of Delegates



The Guanabara Bay LNG Terminal uses an innovative FSRU design that was recognized by KPMG and the Infrastructure Journal as one of the most interesting infrastructure projects in the world.

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