



# Coordination Committee 2012-2015



Fall's meetings 2013 of Working Groups







# Coordination Committee 2012-2015



#### TWP 2012-2015

Message from Georges Liens



# **News from French Team**





**Jérôme Ferrier** President IGU



**Georges Liens** Chairman Coordination Committee



Daniel Paccoud Chairman National Organising Committee



**Yves Tournié** Secretary Coordination Committee



Annie Louys Secretary National Organising Committee

**SERVICES** 



EXHIBITION CONFERENCE Micaela Garcia

Webmaster CC & WGC Semmanuelle WICQUART (EdF)



#### **2012 – 2015 working groups 1/3**



Committee	Study Group	Theme
WOC 1	SG 1.1	Technological advances in E&P
WOC 1	SG 1.2	Natural gas available everywhere ? An assessment of global resources and reserves
WOC 1	SG 1.3	Gas rent and mineral property rights
WOC 2	SG 2.1	Underground gas storage database
WOC 2	SG 2.2	Techniques and new opportunities
WOC 2	SG 2.3	Human resources : attracting students to work in gas storage
WOC 3	SG 3.1	New transportation projects
WOC 3	SG 3.2	Integrity management systems
WOC 3	SG 3.3	Public acceptance and new technologies
WOC 4	SG 4.1	Regulation of TPA to Distribution networks : a standard approach
WOC 4	SG 4.2	Diversification of Gas Quality and Nonconventional Sources in a Carbon-free Future
WOC 4	SG 4.3	Smart Grids in Gas Distribution Scope and Purpose
WOC 5	SG 5.1	Industrial uses
WOC 5	SG 5.2	Domestic and commercial uses
WOC 5	SG 5.3	Natural gas vehicles
WOC 5	TT 5.1	Renewable Energy, CO2 emissions, Hydrogen
WOC 5	TT 5.2	Gas Quality





#### **2012 – 2015 working groups 2/3**

Committee	Study Group	Theme	
PGC A	SG A.1	Carbon Capture and Storage	
PGC A	SG A.2	Natural Gas and Renewable Gas	
PGC A	SG A.3	LCA Study on the Natural Gas Chain	
PGC A	SG A.4	Environmental Aspects of Unconventional Gas	
PGC B	SG B.1	World Gas Supplies, Demand & Trade	
PGC B	SG B.2	Wholesale Gas Price Formation Study	
PGC B	SG B.3	Strategy and Regulation	
PGC C	SG C.1	The role of natural gas in the electricity generation mix	
PGC C	SG C.2	Implications of Developing Unconventional Gas	
PGC C	SG C.3	Security of Gas Supply and Demand	
PGC D	SG D.1	Remote LNG	
PGC D	SG D.2	LNG as Fuel	
PGC D	SG D.3	Small Scale LNG	
PGC D	SG D.4	LNG lifecycle analysis	
PGC E	SG E.1	Marketing natural gas and promoting new usages	
PGC E	SG E.2	Competing with other energies - what can be learned?	
PGC E	SG E.3	The case for natural gas – advocacy and effective communications strategies	



#### **2012 – 2015 working groups 3/3**



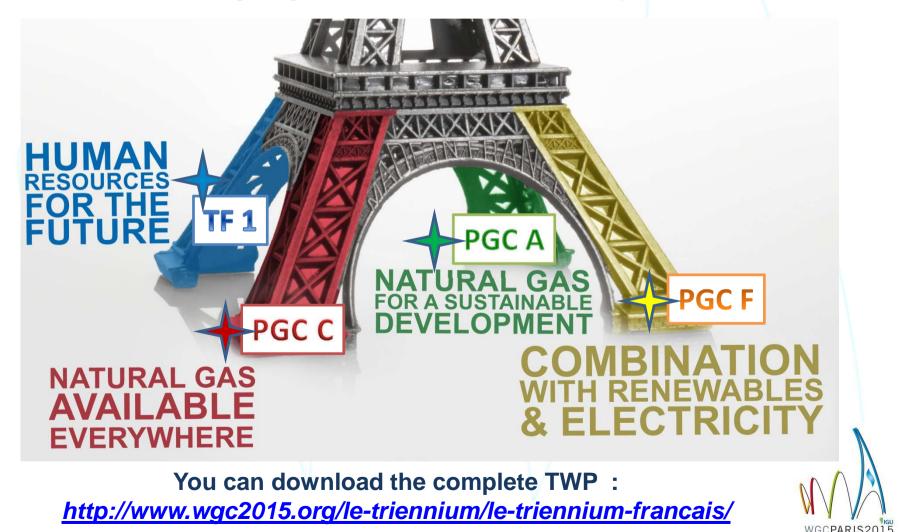
Committee	Study Group	Theme
PGC F	SG F.1	Technical Programme Committee for the International Gas Research Conference (2014 IGRC)
PGC F	SG F.2	Development of International Gas RD&I Collaborative Programs
PGC F	SG F.3	Gas Convergence with Electric and Renewable
TF 1	TF 1.1	Youth event in Paris
TF 1	TF 1.2	Perception and increasing influx of youth in STEM
TF 1	TF 1.3	Increase of female presence in industry
TF 2		Gas Advocacy
TF3		Geopolitics



## Strategic vision 2012 – 2015 The 4 pillars



"Growing together towards a friendly planet"



### **Membership participation**



						N
	Mem	Members		From countries		
On 30/09/202	13 100	1006		58		
				\	WOC 3	
Top 5	Members	6 to	10	Members	WOC 4	
					WOC 5	
Russia	118	Alge	eria	38	PGC A	
France	112	112 Spa		36	PGC B	
Iran	48	Bra	sil	34	PGC C	
The NL	42	Pola	and	32	PGC D	
South Korea	38	Germ	nany	29	PGC E	
$\lambda \to \lambda +$	\\			1	PGC F	

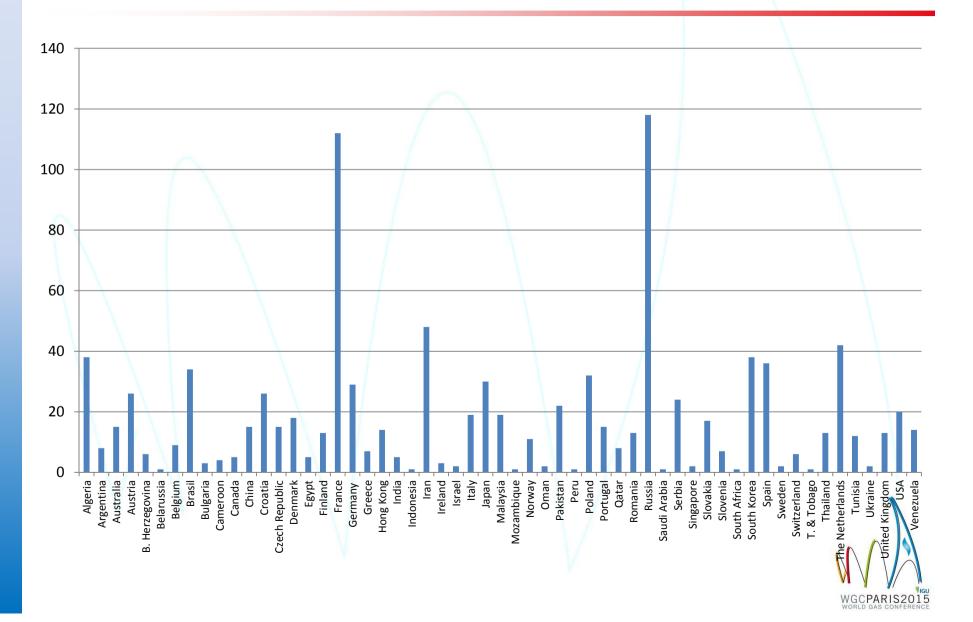
You can continue to nominate people and to reinforce the expertise of our groups : <u>mgarcia@wgc2015.org</u>

Nbr of nominees
73
75
102
90
75
68
96
57
122
57
43
48
39
34
27

WGCPARIS2015

# **Membership participation**





### **First working group meetings**



Group	Date	Location	Attendance	%	Nominees
TF 1	18-20/09	Doha - Qatar	22	47%	46
WOC 1 + PGC A	25-28/09	Sapporo - Japan	60	57%	104
PGC E	1-3/10	Barcelona - Spain	26	66%	39
PGC F	2-3/10	Copenhagen - Denmark	18	52%	34
PGC D	3-4/10	Den Hagen - The Netherlands	52	55%	94
WOC 4	9-10/10	Köln - Germany	36	39%	92
TF 2	11-12/10	Milano - Italy	22	78%	28
TF 3 workshop	17/10 & 14/02	Ottawa -Canada workshop Expert meeting - Paris	 20	67%	33
WOC 2	24-25/10	Bratislava - Slovakia	42	53%	79
WOC 3	24-25/10	Mar Del Plata - Argentina	34	32%	109
WOC 5	12-14/11	Moscow- Russia	50	81%	61
PGC B + PGC C	27-28/11	Oran – Algeria	56	45%	123

Good participation, appropriation and revision of ToR, allocation of SG tasks and members, planning, mutual discovery, networking and friendship atmosphere...



#### **Second Round of meetings**



Group	Date	Location	Attendance	%	Nominees
TF 1	18-20/09	Kuala Lumpur -Malaysia	20	43%	46
TF 2	15-16/05	St Petersburg - Russia	11	30%	37
TF 3 workshop	20/06	Washington – USA (WS)			By invitation
WOC 1 + PGC A	18-19/02	Rio De Janeiro – Brazil	22+24	40%	53+62
WOC 2	28-31/05	St Petersburg – Russia	45	64%	77
WOC 3	26-27/03 6-7/03	Bratislava & Ballerup – SK & DK			106
WOC 4	18-22/03	Sao Paulo – Brazil	38	40%	98
WOC 5	22-24/04	Toronto - Canada	34	48%	71
PGC B + PGC C	19-21/03	Jeju Island - Korea	50	34%	146
PGC D	14-16/04	Houston LNG 17	46	49%	94
PGC E	25-27/03	Paris – France	27	69%	39
PGC F	26-27/03	Amsterdam - NL	28	56%	48



# New issues and continuity : special reports



#### "Growing together towards a friendly planet"

- ♦ 2050 natural gas prospective coordinated (PGC B)
- IGU LNG Annual Report (PGC D) => 2012 published
- Natural gas, a key factor for sustainable development in emerging countries (PGC C)
- i-gas industry (PGC E)
- Efficiency and convergence with renewables and electricity (PGC F)
- Best practices (all committees)
- Human Capital a transversal approach from all committees led by TF1



### **Dates and venues of the Triennium CC meetings + Pillar's Workshops**



#### Working Groups meetings each semester

Date	Venues	Workshops
16-19 October 2012	Ottawa , Canada	Yellow Pillar (RENs)
9-11 April 2013	Sevilla, Spain	Blue Pillar (HR)
22-25 October 2013	Beijing, P.R. China	Red Pillar (Markets)
25-27 March 2014	Sydney, Australia	Advocacy & Com.
14-17 October 2014	Berlin, Germany	Green Pillar (SD)
24-26 March 2015	Cairo, Egypt	
1-5 June 2015	Paris, France	



#### Key elements to be settled by Workgroups before December 2013



Completion of draft program (panel sessions and room allocation) and validation : Discussion in Beijing, validation in Sydney(see next slides)

 Call for "paper" (abstracts): February 2014, selection November.
 The topics of the Committee's sessions will be used as guidelines for the call for abstracts.

See the second secon

 These elements will be integrated in the preliminary program to be published in March 2014

# Term of Reference to be filled for CS

Committee Session : "SG x.y Title" (in relation with the SG in charge and the ToR of the Group) Objectives : In 5 to 10 lines Content : In 5 to 10 lines Recommended size of the room : 1000 / 500 / 350 /250 /150

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



#### Term of Reference to be filled for Special Panel



**Special Panel : "Title" under the Chair : ....** 

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

Recommended size of the room : 1000 / 500 / 350



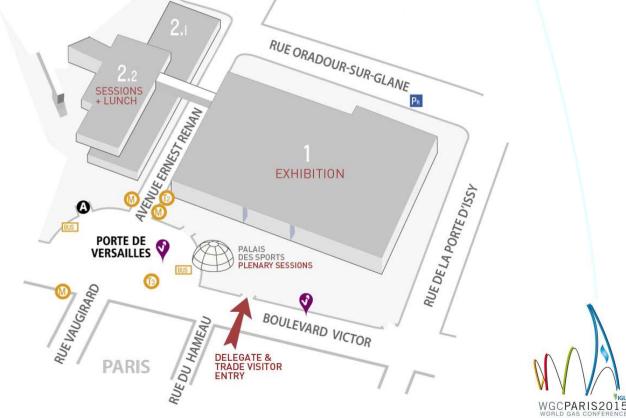


WGCPARIS2015 WORLD GAS CONFERENCE

## WGC PARIS 2015, 26th World Gas Conference



- 1 to 5 June 2015, Parc des Expositions, Porte de Versailles
- Largest global gas conference, expecting 4,000 paying delegates from more than 50 countries
- Exhibition : more than 20,000 sqm net and 20,000 visitors



### WGC PARIS 2015, 26th World Gas Conference – 1<sup>st</sup> draft programme



And the second state of th	Gas a core pillar for a ire of the planet	<ul> <li>A set the set of the</li></ul>	ether with renewable perfect combination	Dey 3: Natural ( for new econom	Gas a growing factor lies	Day 4 : Human Gas Industry	Capital for the future o
8:30 to 10:30	Opening Ceremony and inauguration of the exhibition	8:30 to 10:00	8 Committees Sessions and Experts Panels	8:80 to 10:00	9 Committees Sessions and Experts Panels	8:30 to 10:00	8 Committee session and Experts Panels
11:00 to 12:00	Keynote speeches	10:30 to 12:00	Keynote speeches	10:30 to 12:00	Keynote speeches	10:30 to 12:00	3 Special Panels : Women's place Best practices awards Gas communication
12:15 to 13:45	Luncheon speech	12:15 to 13:45	Luncheon speech	12:15 to 13:45	Luncheon speech	12:15 to 13:45	Luncheon speech
14:00 to 15:00	Keynote speeches	14:00 to 15:00	Keynote speeches	14:00 to 15:00	Keynote speeches	14:00 to 15:30	TWP presentation
15:15 to 16:45	4 Special Panels : Sustainable Dvpt Prospective 2050 The battle for talents Gas flaring reduction	15:15 to 16:45	4 Special Panels : Combination with REN Gas Advocacy Geopolitics LNG a key factor	15:15 to 16:45	4 Special Panels : Gas devot in emerging countries R&D Unconventional gas NGV	15:45 to 17:00	Closing Youth Program
17:00 to 18:30	9 Committees Sessions and Experts Panels	17:00 to 18:30	8 Committees Sessions and Experts Panels	17:00 to 18:30	9 Committees Sessions and Experts Panels	17:15 to 18:30	Closing Ceremony
From 10:30 : interactive show cases		All the day : TW and interactive	P interactive sessions show cases	All the day : inte	ractive show cases	18:45	Farewell party

- Around 20 keynote speakers
- 4 luncheon speakers
- Around 15 special panels and 50 technical sessions



### WGC PARIS 2015, 26th World Gas Conference – Panel sessions



Day	Title	Group	Day	Title	Group
1 pm	Sustainable Dvpt	PGC A	3 pm	Gas devpt in emerging	PGC C & TF3
				countries	
1 pm	Prospective 2050	PGC B	3 pm	R&D	PGC F
1 pm	The battle for talents	TF1	3 pm	Unconventional gas	WOC1 & PGC A
1 pm	Gas flaring reduction	WOC1	3 pm	NGV	WOC5
2 pm	Combination with REN	PGC F	4 am	Women's place	TF1
2 pm	Gas Advocacy	TF2	4 am	Best practices awards	CC
2 pm	Geopolitics	TF3	4 am	Gas communication	PGC E
2 pm	LNG a key factor	PGC D			

	1 <sup>st</sup> day : Tuesday	2 <sup>nd</sup> day : Wednesday	3 <sup>rd</sup> day : Thursday	4 <sup>th</sup> day : Friday
	Afternoon	Afternoon	Afternoon	Morning
Plenary				
Amphi 500				
475				
350				



### WGC PARIS 2015, 26th World Gas Conference – Technical sessions 1



Group	Sessions (CS & EF)	Group	Sessions (CS & EF)
WOC 1	5	PGC A	4
WOC 2	3	PGC B	4
WOC 3	4	PGC C	4
WOC 4	5	PGC D	5
WOC 5	5	PGC E	4
TF 1	3	PGC F	2
TF 2	2	Sub Total	23
TF3	1		
Sub Total	28	Total	51

• After Seville Meeting



### WGC PARIS 2015, 26th World Gas Conference – Technical sessions 2



	Day1: Tuesday	Dav2: W	Day2: Wednesday		Day3: Thursday	
	Afternoon	Morning	Afternoon	Morning	Afternoon	Day4: Friday Morning
	WOC 4	WOC 1	WOC 1	WOC 1	WOC 1	WOC 1
	TF2	WOC 2	TF1	TF2	WOC 2	WOC 2
	WOC 3	WOC 3	WOC 4	TF1	WOC 3	WOC 3
	WOC 5	TF 1	WOC 5	WOC 4	WOC 4	WOC 4
	PGC C	WOC 5	PGC A	WOC 5	PGC B	WOC 5
	PGC D	PGC A	PGC B	PGC A	PGC C	PGC A
	PGC E	PGC C	PGC D	PGC B	PGC D	PGC B
	PGC F	PGC D	PGC E	PGC C	PGC E	PGC D
	TF 3	TWP	TWP	PGC E		PGC F
/ /	\	1	•	1	1	•
	Day1: Tuesday	Day2: Wednesday		Day3: Thursday		Day4: Friday
	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning
Plenary						
Amph. 500						
475						
350 A						
350 B						
240 A						
240 B						
150 A						
		TWP	TWP			







### Welcome to

# **IGRC2014**

September 17 – 19, 2014 Copenhagen Denmark

www.igrc2014.com





### **IGRC 2014**

# Programme at a glance

- 2.5 days sessions
- Technical oral sessions
  - 4 parallel sessions covering gas chain + game changers
  - keynote speeches
  - roundtables
- Technical poster sessions
- Exhibition
- Technical tours
- Post conference tours







# Coordination Committee 2012-2015



#### TWP 2012-2015

IT Message from Yves Tournié



# **Coordination Committee 2012-2015**



#### **WGC 2015 less paper :** for a sustainable conference

#### **1** Before Conference:

- 1.1 Growing Together collaborative platform
- 1.2 « Call for contribution »
- 1.4 Documents and Support

#### **2** During Conference

- 2.1 Interactive Map
- 2.2 Customized Programme
- 3.3 Direct contacts with other delegates
- 3.4 News push (via Twitter or LinkedIn)
- 3.5 built-in flash code reader (or other up-to-date option)
- $\Rightarrow$  Interactive session
- $\Rightarrow$  Poster session
- $\Rightarrow$  Doc Conference & Exhibition
- $\Rightarrow$  Exhibitors
- $\Rightarrow$  Offer Tablet computers



#### French Triennium 2012 – 2015 Website : WORLD GAS CONGRES 2015





#### French Triennium 2012 – 2015 Website : WORLD GAS CONGRES 2015

1810





#### **New IGU WEBSITE**



#### www.igu.org

Please connect on : <u>http://www.igu.org/login\_form?came\_from=http%3A//w</u> <u>ww.igu.org/committees/pgc/b/col&retry=&disable\_cooki</u> <u>e\_login\_\_=1</u>

Login :Gas4everPassword :2015FR

You can consult the documentation already published

The secretaries must verify and update the presentation of their WG (they have their own access rigths)



# **Workgroup and the IGU web**



Search on IGU.org



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Gas Knowhow

Members login

Q

> Home > About IGU > IGU Organisation > Committees 12-15 The IGU Coordination Committee

- > Vision, Mission and Objectives
- > Articles of Association
- IGU Organisation
- IGU Governing Bodies
- French Presidency
- IGU Secretariat
- Committees 12-15

by Sjur Runar Bøyum - last modified Jul 19, 2013 10:54 AM - History

The IGU Coordination Committee is organising the Working Committees (WOC 1-5), the Programme Committees (PGC A-F) and Task Forces (TF 1-3)

Here is an overview of the various committees. For more information click on the

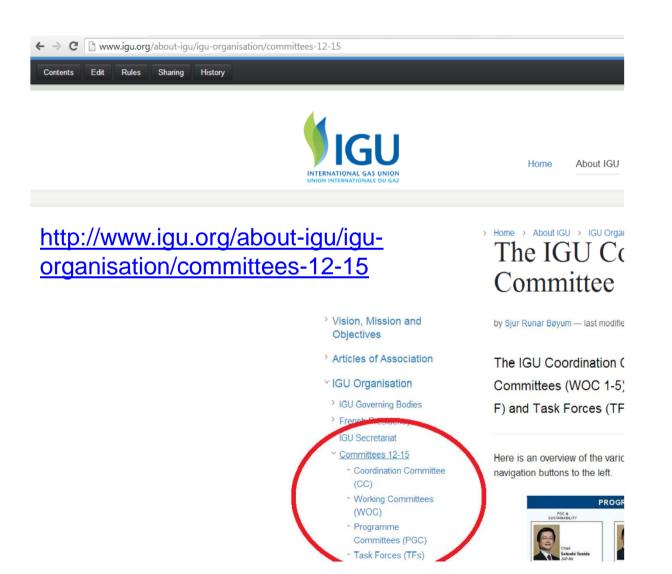
# What is the CC workgroup on the IGU web?



- The CC workgroup area is for the various groups to explain the scope what they are doing.
- To inform members of the group, but more important to tell other IGU members about their session works
- Public Report or Data to be published under this area is also open for the whole world to see various groups work
- It is up to the groups to decide what they want to have publish, but some basic information will always be open
- The information entered here is the long term memory of the groups
- Information issued from on triennium to a new one can be transferred

## Where to find the groups





# Some examples of use



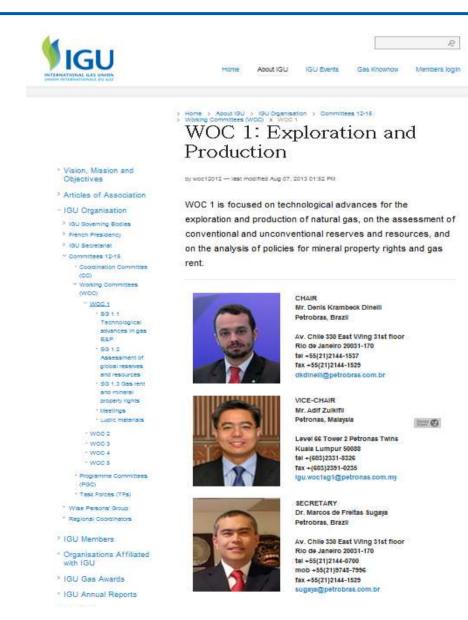
#### • WOC 1<u>:</u>

<u>//www.igu.org/about-igu/igu-organisation/committees-12-</u> <u>15/working-committees-woc/woc-1</u>

- Is using the space to inform about their activities
   => The meeting information is only available when logged in
  - with Gas4ever
- Some groups are publishing members in the group with e-mail addresses, please discuss in the group how much information should be made public
- If any problem or inquiery, please contact webmaster: sboy@statoil.com

#### Some examples of use





#### Wide range of information available





#### Various slide packages & reports:

- Natural Gas: Facts & Figures
- Slide package on gas advocacy
- Gas & Climate Change Mitigation Report
- Report on environmental issues surrounding shale gas production
- Summarising overview on environmental concerns regarding shale gas

#### **Selected Publications:**

- Global Vision for Gas: The Pathway towards a Sustainable Energy Future, 2012
- Shale Gas, The Facts about the Environmental Concerns, 2012
- World LNG Report 2011
- Natural Gas Unlocking the Low-Carbon Future, 2010
- The Role of Natural Gas in a Sustainable Energy Market (with Eurogas), 2010
- Guidebook to Gas
   Interchangeability & Gas Quality (with BP), 2011

www.igu.org/igu-publications

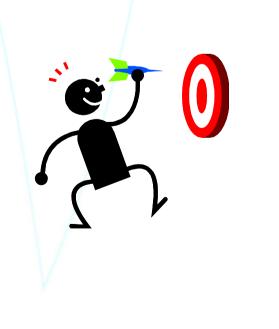




# **Growing Together**

#### **Best Practices**







### **GROWING TOGETHER Platform** (*French Triennium 2012 – 2013 Extranet*)



ccmembers.wgc2015.org

#### Introducing IGU WGC 2015 Growing Together:

- <u>YOUR</u> collaborative platform
- Showcases the work in progress
- Initiates and encourages exchanges in the Working Groups
- Stimulates interconnection between committees

By invitation for all members from Micaela our webmaster



### French Triennium 2012 – 2015 EXTRANET – see all member's idea



### French Triennium 2012 – 2015 EXTRANET – connect & login



)15

**WGCPARIS2015** GROWING TOGETHER TOWARD A FRIENDLY PLANET

WELCOME TO IGU WGC 2015 GROWING TOGETHER COLLABORATIVE PLATFORM

	Login			
1	Email	f.gatte@elephantatwork.com	> Required	
	Password		> Required	
	Te	Forgotten your pass	sword?	
				$\langle \rangle$

# **BP 1:** Schedule meetings for your group



4

### *E.G : PGC F 1/2*

### Future Schedule of 2012-2015 PGC-F Meetings

See attached for a listing of upcoming meetings for PGC-F (Research Development and Innovation).

This schedule will be modified as any meeting dates and specific venues are updated.



PGC-F Schedule - .... 15.639 KB

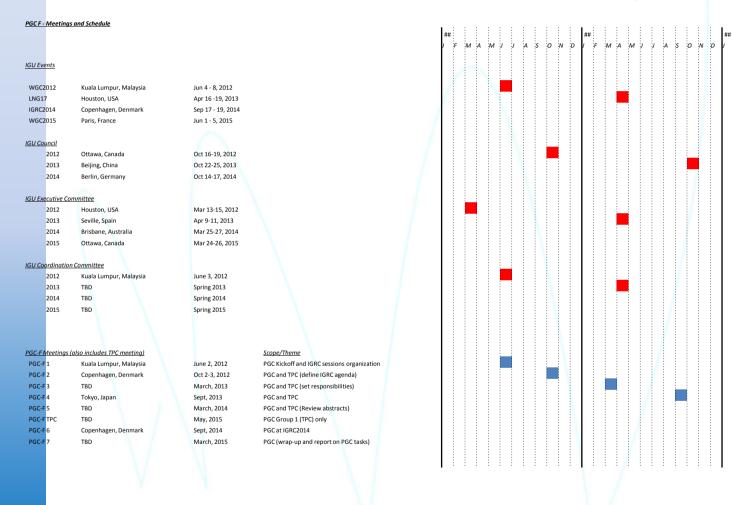
Rod Rinholm October 17, 2012



# **BP 1:** Schedule meetings for your group



### E.G : Future schedule for PGC F meeting 2/2





# **BP 2:** Preliminary work before the meeting **IGU**

To share following documents on the website « Growing Together »

-Invitation

-Registration form (if any) & Practical information

-Visa requirements for entering in the country

-Minutes of the last meeting

-Agenda and documentation for the next meeting



# **BP 2:** Prelimary work before the meeting



#### E.G : WOC 1 - 1/1

### 2nd Joint Committee Meeting of WOC 1 and PGC A in Rio de Janerio - February 18, 2013



WOC 1 and PGC A will meet again in Rio de Janeiro, 18-21 February 2013, for a regular appraisal of their advances and a workshop on Natural Gas and Sustainability R&D.

Delegates will visit the new research facilities of Petrobras, which now comprise 300,000 m2 of laboratories, pilot plants, test facilities, offices and conference halls.

In addition to that, delegates will have the opportunity to visit the Guanabara Bay LNG Terminal, recognised by KPMG and the Infrastructure Journal as one of the most interesting infrastructure projects in the world.



Invitation from h... 85.258 KB



Agenda Rio 2012 1... 237.777 KB



95 KB

Practical informa... 68.729 KB

Registration Form...

Marcos Sugaya February 18, 2013



minutes of meetin... 2.124 MB



# **BP 3:** Minutes of meetings for your group



Report will be done for each meeting and published on Growing Together

E.G : WOC 4 1/2

Report of the first meeting of IGU WOC 4, 9 - 12 September 2012, Cologne - October 25, 2012

Report of the first meeting of IGU WOC 4 "Distribution" in the "French" Triennium. The meeting was held from 9 to 12 September 2012 in cologne/Germany



Uwe Klaas October 25, 2012



# **BP 3:** Minutes of meetings for your group

#### E.G: WOC 4 2/2 (Word document)



28" Workt Gas Conference | Parts, France | 1 - 5 June 2015

25" World Gas Conference | Paris, France | 1-5 June 201

25" World Gas Conference | Paris, France | 1-5 June 2015



INTERNATIONAL GAS UNION

## **BP 4: Committee Roster**



□ A list of the teamwork delegates

*E.G : PGC F - 1/2* 

### <sup>2</sup>GCF Committee Roster

Please review the complete committee listing



Consolidated rost... 2.251 MB

leanne Nallon November 15, 2012



## **BP 4: Committee Roster**

#### E.G : PGC F - 2/2

#### International Gas Union (IGU) PGC-F Committee—Research Development and Innovation

2012-2015 Roster

Chairman	Dr. Jack Lewnard VP and Chief Technology Officer Gas Technology Institute (GTI) 1700 S Mt. Prospect Road Des Plaines, IL 60018 USA 1 847 768 0818 jack.lewnard@gastechnology.org
Vice Chairman	Dr. Gerald Linke Senior VP, Center of Gas Technology and Energy Systems Eon Ruhrgas Brüsseler Platz 1 +45131 Essen Germany +49 201 184 84 00 gerald.linke@eon-ruhrgas.com
Secretary	Mr. Rod Rinholm Executive Director, Education and Business Development Gas Technology Institute (GTI) 1700 S. Mt. Prospect Road Des Plaines, IL 60018 USA 1 847 768 0868 rod.rinholm@gastechnology.org



### **BP 5:** Survey/Poll



□ To create a poll, please send your poll/survey/ questionnaire to <u>mgarcia@wgc2015.org</u>

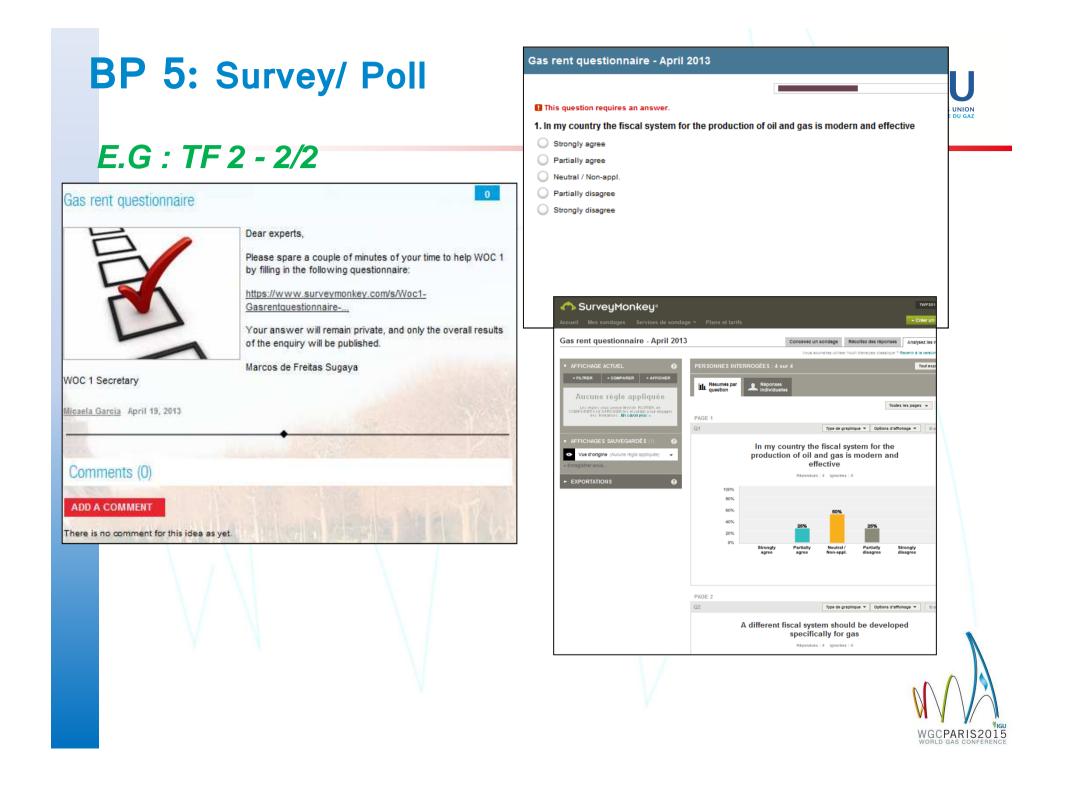
-It will be created in Survey Monkey

-It will be integrated in Growing Together as a link inside an

idea

-As soon as it is closed, results will be sent to the Group Secretary concerned.





# **Working Together = Happiness !**



WGCPARIS2015



### **Coordination Committee 2012-2015**



ytournie@wgc2015.org gliens@wgc2015.org

IGU Web site: <u>http://www.igu.org</u>

WGC 2015 : http://www.wgc2015.org

Growing Together( Social TWP Network) available on: <u>http://ccmembers.wgc2015.org/</u>



