



IGRC 2011

Innovation is the key to a sustainable future!

CC meeting

4th of October 2011

Anchoring IGRC 2011 in IGU

IGRC 2011

R&D strategic panel WGC 2012

Marc Florette



What is IGRC 2011 ?

- ◆ The IGU Gas Research Conference :
Innovation is the key to a sustainable future!
- ◆ Date and location :
19-21 October 2011, Seoul – Korea
- ◆ Expected number of attendees : ~ **450**
gas researchers and business managers
from around the world



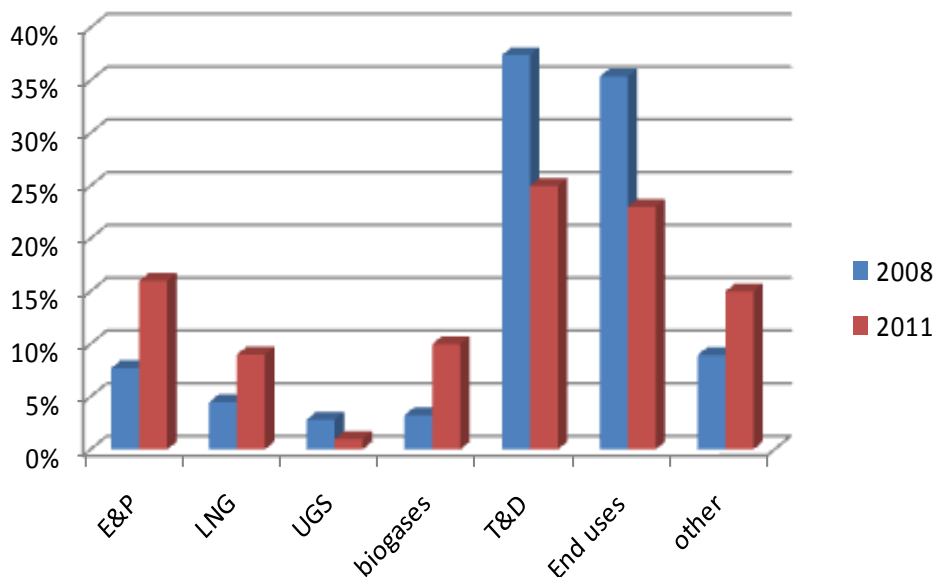
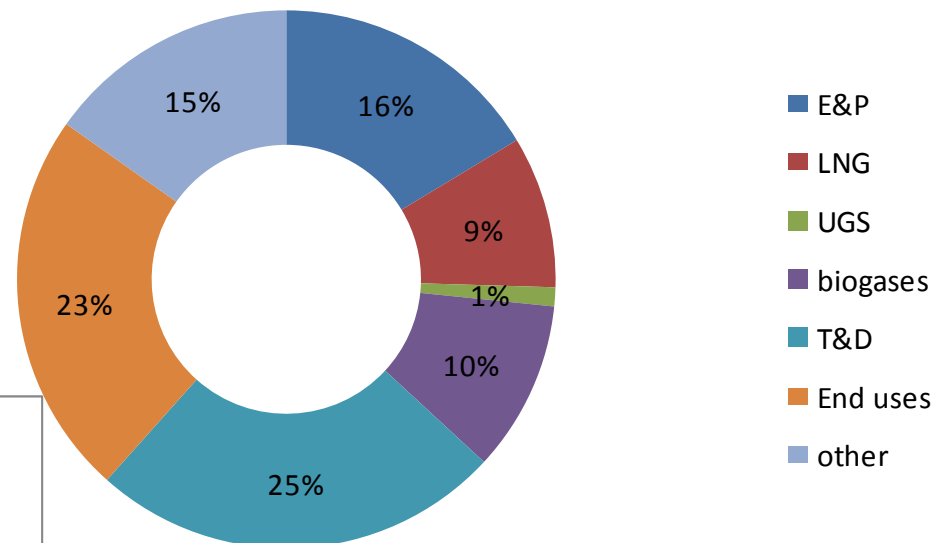
IGRC 2011

A **unique** source and an **efficient** network
for **sustainable innovation** throughout the entire sector

- ◆ a CEOs' round table with **Bob Catell** as moderator,
 - **Mr Pramod Kumar Karunakaran** (Vice President of Infrastructure & Utilities, Gas & Power Business, Petronas),
 - **Matthias Bichsel** (Member of the Executive Committee of SHELL)
 - **Shri B. Tripathi** (CEO of GAIL) - *just cancelled his attendance*
 - **Mr Thijs Aarten** (CEO of KEMA)
- 12 oral sessions & 4 posters sessions
- an innovations exhibit
- 6 workshops

Posters' breakdown per themes

Other =
hydrogen, smart
grids or CCS



E&P, LNG and biogas
increase drastically
between 2008 and 2011

Posters' awards

The Dan Dolenc Award

10,000€

final selection among 5 papers

covering different areas of the gas chain : processing, transportation, advanced gas utilisations and environmental assessement.

The Young Researcher Prize

3,000€

Introduced for IGRC 2011

Less than 29 years old

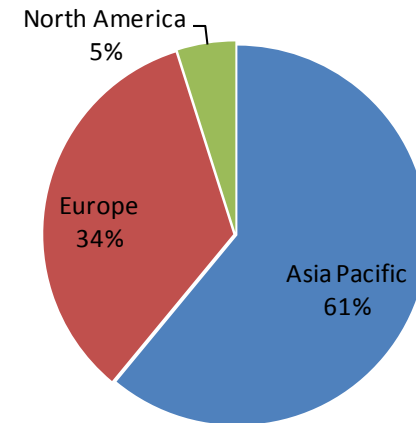
38 candidates
final selection among 7 papers

In parallel, 11 papers proposed for publication in the **JNGS&E**

Innovations Exhibit

- ◆ ~ 40 booths
- ◆ SMEs & large companies
- ◆ Special focus on LNG new technologies

exhibitors breakdown per region



5 Reasons to attend

Join us!

- ⇒ Listen to CEOs' expectations on R&D and Technology and interact with them
- ⇒ Learn about new technologies to efficiently operate your infrastructure and about new end-uses equipment
- ⇒ Discuss about new challenges : unconventional gases, smart grids, CCS, long-term vision for natural gas, codes and standard, human resources...
- ⇒ Look at the more promising innovations for the gas business
- ⇒ Find networking opportunities to share views and experience and initiate new R&D cooperation

Contribution to WGC 2012 (1/2)

- ◆ Pre-selection of the Gas Efficiency Award (utilisations area):
 - ◆ 25 proposals received
 - ◆ 1 proposal classified as social award proposal
 - ◆ 7 proposals out of the scope (not in the utilisations area)
- ◆ Selection of the best practices (all areas) from the IGU call for papers (*see R. Badoux' presentation*)

Contribution to WGC 2012 (2/2)

Strategic panel on R&D (7th June 2012)

Proposal

“Innovation and new technology : the key to increase the gas business”

- ◆ Report on major findings of IGRC 2011 : CEOs’ round table, main R&D trends and results and related business models
- ◆ R&D Round table *(to be confirmed)*:
 1. **Hisao Watanabe**, Senior Executive Officer of Tokyo Gas: Lessons learn from Japan after the earthquakes
 2. **Mel Ydreos**, Vice President Marketing and Customer Care Union Gas: practical solutions to demonstrate the customers a realistic potential for emission reductions with natural gas (ETIC)
 3. **Hans-Peter Floren**, Member of the Board of EON Ruhrgas: Greening of energy : gas and renewable energy sources
 4. Representative of another industrial sector (in discussion)
- ◆ Q&A session