



Gas Utilisations

WOC5 Introduction

By Marc Florette

Chairman of WOC5





**« Can the customer afford to use
gas »**

A provocative title !



9 Main challenges impacting utilisation for the next decade

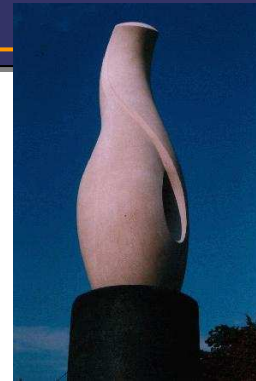


Increase of competition:
Change from gas companies to energy companies?

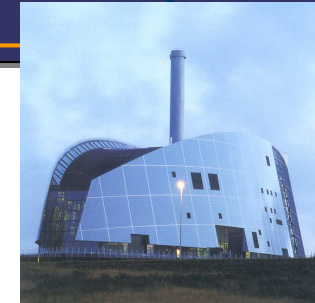


Clipsol

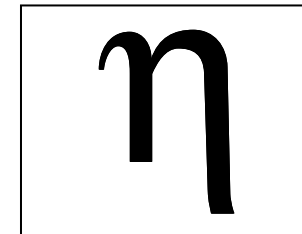
New applications
Development of REN



Curb the aging image
of natural gas



Which fuel for power generation



Efficiency

GAS UTILISATION TO TAKE UP 9 CHALLENGES



Control of global warming
GHG emissions



Decrease of fossil resources



Gas price evolution



Improvement of urban air
quality and quality of life



Natural Gas for industry

Necessity for Gas Industry to innovate to keep its market share

Solutions already in the pipe



Natural gas for NGV

“A chance for the future”

New market segment

Sustainability issue

Still some work to be done



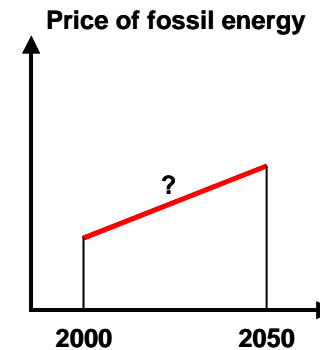
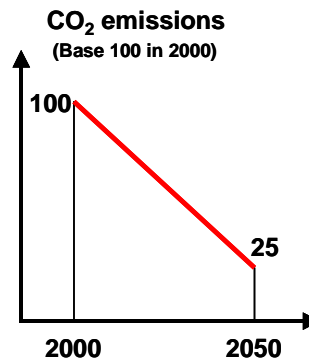
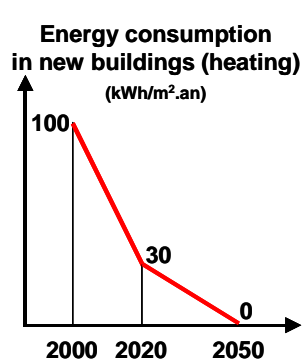


Natural gas for R&C

“A challenge for the future”

Energy consumption decreases because of regulations (efficiency, CO₂ emission)

How to afford the gas installation cost?



Distributed Energy Generation

Is it a solution to produce heat and electricity at home, business and increase value of gas?





Gas Utilisations WOC5 Introduction



Study Group 1 Industrial Utilisations

Robert Van der GEEST

Study Group 2 Domestic and Commercial Utilisations

Jean SCHWEITZER

Study Group 3 Natural Gas for Vehicles (NGV)

Davor MATIC

Study Group 4 Distributed Energy Generation: from CHP to micro generation

Samuel BERNSTEIN





Schedule of the WGC2006 WOC5 contribution



Tuesday 6 June 2006										
Meeting room =>	Auditorium (1746)	Forum(709)	A(252)	B(228)						
08.30 - 09.30	Keynote Addresses									
09.30 - 10.00	Opening Exhibition									
10.00 - 12.00	SP-GtP	SP NGV	WOC1	PGC D	WOC3	PGC A				
12.15 - 13.45	Midday Address (Hall 9)									
14.00 - 15.00	Keynote Addresses									
15.30 - 17.30	Regional Surveys-GtP		WOC 5	Fin. Panel	WOC 2	EF-PGC A	EF-WOC 1	EF-PGC B	EF-WOC 3	EF PGC D
Wednesday 7 June 2006										
Meeting room =>	Auditorium (1746)	Forum(709)	A(252)	B(228)	L(220)	N1-01(144)	M(60)			
08.30 - 09.30	Keynote Addresses									
10.00 - 12.00	SP-Sus	IGM	WOC 4	PGC C	WOC 2	EF- WOC 5	EF WOC 1			
12.15 - 13.45	Midday Address (Hall 9)									
14.00 - 15.00	Keynote Addresses									
15.30 - 17.30	SP-Urban	ICT	WOC 1	PGC B	WOC 3	EF WOC 5	EF WOC 2	EF PGC C	EF WOC 4	EF- PGC D
Thursday 8 June 2006										
Meeting room =>	Auditorium (1746)	Forum(709)	A(252)	B(228)	L(220)	N1-01(144)	M(60)	N(60)	O(60)	P(60)
08.30 - 09.30	Keynote Addresses									
10.00 - 12.00	SP-Regulation	SP OF	WOC 5	PGC D		EF PGC A	EF WOC 2	EF-PGC C	EF WOC 4	
12.15 - 13.45	Midday Address (Hall 9)									
14.00 - 15.00	Keynote Addresses									
15.30 - 17.30	SP-LNG	SP R&D	WOC 4	PGC C	PGC B	PGC A	EF WOC 5			

Committee Session 5-1

Expert Forum 5-1

Expert Forum 5-2

Committee Session 5-2

Expert Forum 5-3



**Thank you for you
attention !!**