Global Economy and Cooperation

Gasex 2012
Jérôme Ferrier, President IGU
CONSUMPTION OF PRIMARY ENERGY BY SOURCE

World

- Oil: 33%
- Natural gas: 24%
- Coal: 30%
- Nuclear: 5%
- Hydro: 6%
- Renewables: 2%

Asia Pacific

- Oil: 27%
- Natural gas: 53%
- Coal: 11%
- Nuclear: 2%
- Hydro: 5%
- Renewables: 1%

Source: BP Statistical Review 2012

Gasex 2012
PROVED CONVENTIONAL GAS RESERVES

Source: BP Statistical Review 2012
## MAIN CONVENTIONAL GAS RESOURCES IN ASIA-PACIFIC

<table>
<thead>
<tr>
<th>Country</th>
<th>Reserves (Bcm)</th>
<th>R/P</th>
<th>Production (Bcm/y)</th>
<th>Consumption (Bcm/y)</th>
<th>Δ (Bcm/y)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>3 800</td>
<td>84</td>
<td>45</td>
<td>25,6</td>
<td>+19,4</td>
</tr>
<tr>
<td>China</td>
<td>3 100</td>
<td>30</td>
<td>102,5</td>
<td>130,7</td>
<td>-28,2</td>
</tr>
<tr>
<td>Indonesia</td>
<td>3 000</td>
<td>40</td>
<td>75,6</td>
<td>37,9</td>
<td>+37,7</td>
</tr>
<tr>
<td>Malaysia</td>
<td>2 400</td>
<td>38</td>
<td>61,8</td>
<td>28,5</td>
<td>+33,3</td>
</tr>
<tr>
<td>India</td>
<td>1 200</td>
<td>26</td>
<td>46,1</td>
<td>61,1</td>
<td>-15</td>
</tr>
</tbody>
</table>

Source: *BP Statistical Review 2012*
# Main Conventional Gas Resources Available

<table>
<thead>
<tr>
<th>Country</th>
<th>Reserves (Bcm)</th>
<th>R/P (Bcm/y)</th>
<th>Production (Bcm/y)</th>
<th>Consumption (Bcm/y)</th>
<th>Δ (Bcm/y)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russia</td>
<td>44 600</td>
<td>73</td>
<td>607</td>
<td>424,6</td>
<td>+182,4</td>
</tr>
<tr>
<td>Iran</td>
<td>33 100</td>
<td>218</td>
<td>151,8</td>
<td>153,3</td>
<td>-1,5</td>
</tr>
<tr>
<td>Qatar</td>
<td>25 000</td>
<td>170</td>
<td>146,8</td>
<td>23,8</td>
<td>+123</td>
</tr>
<tr>
<td>Turkmenistan</td>
<td>24 300</td>
<td>408</td>
<td>59,5</td>
<td>25</td>
<td>+34,5</td>
</tr>
</tbody>
</table>

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ESTIMATES OF TECHNICALLY ACCESSIBLE SHALE GAS RESERVES (Tcf)

Brazil 226
Argentina 774
Mexico 681
United States 862
Canada 388
Poland 187
France 180
Algeria 231
Libya 290
China 1275
Australia 396

Source: EIA/ARI, 2011
Gas demand grows fastest in the non-OECD regions, led by China, which accounts for more than a quarter of worldwide increase in demand between 2009 & 2035.

Sources: Cedigaz (2011), IEA WEO 2011 (projection for 2035)
MAJOR GAS AND LNG TRADE MOVEMENTS IN 2011

Source: Includes data from Cedigaz, GIIGNL, CISStat Poten, Waterborne
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GAS PIPELINES

Source: IHS

Gashen 2012

TURKMENISTAN: PR = 24 Tcm

Sakhalin LNG: 11 Mt/y

Shtokman LNG
INDONESIA – Trade flows in 2010

Imports: 135 GUSD
Exports: 158 GUSD

Source: data from WTO
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AUSTRALIA – Trade flows in 2010

Source: data from WTO

Imports: 201 GUSD
Exports: 212 GUSD

Gosex 2012
Strategic vision 2012 – 2015
TWP and the 4 pillars

“Growing together towards a friendly planet”

You can download the complete TWP :
Thank you for your attention