Gazprom’s Activity under Globalization of the Energy Markets

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GAZPROM
Gazprom - Leading Global Gas Company

GAZPROM

• Proved reserves in Russia – 60%
• Production in Russia – 85%
• Transport of gas in Russia – 98%
• Share of Russian gas in global export – 27%
• Share of Russian gas in European import – 35%
• Trunk pipelines – 50% of global length
• Gazprom – leading global exporter of natural gas
• Gas supplied to 22 countries of Western and Eastern Europe
• Export portfolio also includes gas condensate, oil, oil products, and products of petrochemistry
Developing and diversifying gas transport routes

Operational and prospective pipelines to Europe

<table>
<thead>
<tr>
<th>Project</th>
<th>Capacity</th>
<th>Length</th>
<th>Commission date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operational pipelines</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ukraine</td>
<td>175 bcma</td>
<td>&gt; 5000 км</td>
<td>1967-83</td>
</tr>
<tr>
<td>Yamal - Europe</td>
<td>33 bcma</td>
<td>&gt;4000 км</td>
<td>1999</td>
</tr>
<tr>
<td>Blue Stream</td>
<td>16 bcma</td>
<td>1213 км</td>
<td>2003</td>
</tr>
<tr>
<td><strong>Prospective pipelines</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nord Stream</td>
<td>55 bcma</td>
<td>1200 км</td>
<td>2010</td>
</tr>
<tr>
<td>South Stream</td>
<td>32 bcma</td>
<td>&gt; 900 км*</td>
<td>2013</td>
</tr>
</tbody>
</table>

* Subsea part
Nord Stream Project
South Stream Project
Development of LNG Business

- Shtokman Field
- Yamal Fields
- Sakhalin-2 Project
Sakhalin-2 Project

The project includes the Piltun-Astokhskoye and Lunskoye fields.

LNG production plant

Total reserves of 600 million tons of oil and 700 bcm of gas.

Full production capacity is expected to be 340 th.b of oil/day, incl. 9.6 m tons of LNG/year.
Shtokman Project

Proved reserves:
- app. 3.7 tcm

Production:
- up to 90 bcma

Target markets:
- Europe
- USA

South-East shelf of Barents Sea

Shelf of Pechora Sea
Prospective Markets for Russian Gas

Production centers
- Current
- Planned

Pipelines
- Current
- Planned

New routes
- Pipeline
- LNG
The goal of becoming a leading global energy company can only be achieved by entering major upstream regions.
Prospection and Development Abroad

Vietnam

Libya

India

Bolivia

Venezuela
Diversifying Business - Power Generation

Power generation – a natural supplement to Gazprom’s value chain

- Additional profit to gas business
- Guaranteed gas takeoff
- Diversification of market risks due to price linkage between gas and oil
International Activity of Gazprom

- **USA**
  - Marketing

- **Belgium**
  - UGS
  - Marketing

- **Great Britain**
  - UGS
  - Power Gen.
  - Marketing

- **France**
  - Marketing

- **Austria**
  - UGS
  - Storage

- **Netherlands**
  - UGS
  - Power Gen.
  - Marketing

- **Germany**
  - UGS
  - Power Gen.
  - Marketing

- **Hungary**
  - UGS

- **Spain**
  - UGS

- **Venezuela**
  - Dobyka
  - Feasibility Studies

- **Libya**
  - Dobyka
  - Prospection, development

- **Iran**
  - Dobyka
  - Development

- **India**
  - Dobyka
  - Prospection

- **Vietnam**
  - Dobyka
  - Prospection

- **Nigeria**
  - Dobyka
  - Feasibility Studies

- **Yesa**
  - Dobyka
  - Power Gen.
  - Marketing

- **Bolivia**
  - Feasibility Studies

- **Gazprom**
  - Power Gen.
  - Marketing

- **Yamal-Europe**
  - Blue Stream
  - Nord Stream
  - South Stream
THANK YOU FOR ATTENTION

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