



### **ANNUAL REPORT 2003**

### **Table of Contents**

Address by the Chairman of the Board of Directors	
and the Chairman of the Management Committee	
to the Shareholders of OAO «Gazprom»	
Gazprom: Moving from European to Global Market	
Major Production and Financial Results	
Major Events of the Year	1
Information for Shareholders and Investors	14
Management	18
OAO «Gazprom» Board of Directors	18
OAO «Gazprom» Management Committee	21
Corporate Governance	34
Risk Factors	30
Production	3
Mineral Resource Base	3
Production	4
Refining	44
Transportation and Storage	4
Technological Communications	48
Automation, Metrology, and Gas Quality Control	48
Energy Production and Consumption	49
Implementation of Scientific Achievements and Developments	
Investment Activities	
Survey of Gazprom's Markets	6
Overview of World and Regional Gas Markets	6
Gazprom's Activities in the Russian Market	
Gazprom's Activities in External Markets	6
Social Responsibility and Environmental Measures	68
Companies with OAO «Gazprom» Shareholding of More Than 5%	
Glossary of Basic Terms and Abbreviations	75
Addresses and Contacts	71



# ADDRESS BY THE CHAIRMAN OF THE BOARD OF DIRECTORS AND THE CHAIRMAN OF THE MANAGEMENT COMMITTEE TO THE SHAREHOLDERS OF OAO «GAZPROM»

### Dear shareholders, colleagues:

In presenting Gazprom's results for the past year, we are pleased to report to you that 2003 was the best year in the history of the joint-stock company. Gazprom demonstrated solid growth and achieved unprecedented results in its operations and financial performance. The company reached a fundamentally new level in its development.

In the past year, OAO «Gazprom» revenues grew by 29 percent, and net profit increased by 2.7 times. Gazprom's strong financial performance will make it possible to increase the amount of the dividend payout. The value of the company's shares already increased quite significantly, appreciating in 2003 by over 60 percent.

Gazprom's financial situation is growing stronger. And this is not just the assessment of the Management. The positive trend was duly noted by the ratings agencies as reflected in the upgrade of the company's credit rating, as well as by the investment community as proven by a number of successful bond placements in 2003 and a considerable decrease of the company's cost of financing.

In 2003, Gazprom reaped full benefits from the favorable environment in the foreign markets as high gas prices contributed to the growth of the company's revenues. In addition to that, the company pursued an aggressive policy in export gas sales. Our deliveries grew faster than total gas consumption in Europe.

An improved structure of corporate governance and regulation procedures, including introduction of a budgeting system and internal controls, as well as implementation of a cost-reduction program all played a positive role.

One of the most important achievements of 2003 was a further increase in gas production volumes. The Zapolyarnoye field produced its first one hundred billion cubic meters of gas; new areas in the traditional gas production regions were put into operation and measures were taken to maintain gas production volumes at the existing megafields.

Only one year ago, we described the 530 bcm gas production target as an important long-term objective. However, in 2003, we exceeded 540 bcm point and new and higher goals were set in the area of continued gas production growth.

The growth of production must be accompanied by the development of Gazprom's gas transportation system. This area requires considerable investment in order to allow a continued increase of export deliveries and to provide guaranteed gas supplies to the Russian consumers. The priority nature of gas transportation projects finds its reflection in the 2004 investment program.

In 2003, Gazprom continued to enhance in position in the markets of the CIS and Baltic states. Supplies of gas to Georgia and Armenia got under way, a contract was signed to supply gas to Azerbaijan, work was conducted in the framework of the International Consortium to manage and develop the gas transportation system of Ukraine.

Agreements were signed and large-scale cooperation was established with the countries of Central Asia. This applies not only to purchases of gas in Central Asia, but also to gas production, expansion of gas transportation capacity and improved gas business management. Implementation of the comprehensive Middle Asia - Center Program was initiated.



2003

4



A strategic initiative of Gazprom is to establish a new national gas production center in Eastern Siberia and the Far East. About 20 percent of Russia's potential gas resources are concentrated in this region. Meeting the gas needs of the Russian consumers will continue to be Gazprom's constant top priority in its operations in Eastern Siberia and the Far East. Over time, the region should become an important resource base for export supplies of Russian gas to Korea, Japan, and China.

While maintaining an uninterrupted stream of gas supply in the domestic market, Gazprom is steadily expanding its export deliveries far beyond the county's national borders. In 2003, the volume of gas exported to the European countries and the hard currency revenues received reached all-time record levels in the company's history, totaling 132.9 bcm and US\$15 bn, respectively.

Europe is our principal foreign sales market. Undoubtedly Gazprom will not only preserve its position in this market, but will enhance its dominance as liberalization continues to occur. The company's unique portfolio of long-term contracts and the experience gained over the years of activity in Europe will serve as a basis for this expansion. Our confidence in the promise of Europe has been translated into our plans to build a trunk pipeline on the Baltic Sea bed. This major pipeline project «North European Gas Pipeline» is already in the first stage of its implementation.

At the same time, the scope of Gazprom's operations and influence is gradually spreading beyond its traditional markets. As it pursues its foreign economic activities, Gazprom believes that at present we are witnessing an early stage of gas business globalization process. In this context, accessing new markets and delivering new products will emerge as the company's top priorities.

A good example of work in this direction is the project to set up a production facility to manufacture liquefied natural gas to be supplied to the U.S. market. Improvements in LNG production technology and transportation make this product not only highly competitive relative to pipeline gas, but also a source of energy that is in great demand throughout the world.

OAO «Gazprom» team will continue to make every effort to enhance the company's competitive edge in foreign markets and to ensure reliable gas deliveries to Russian consumers.

In our vision, we see Gazprom as a vertically integrated diversified energy company recognized throughout the world as the industry leader.

Successful implementation of our strategic plans will provide for Gazprom's shareholders a steady returns on their investment.

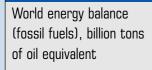
Dmitri A. Medvedev Chairman of OAO «Gazprom» Board of Directors Alexei B. Miller Chairman of OAO «Gazprom» Management Committee

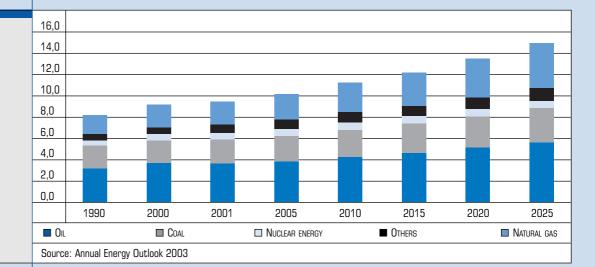
gary\_



# GAZPROM: MOVING FROM EUROPEAN TO GLOBAL MARKET

The world continues to face growing energy demand. Global energy consumption is expected to increase 58% in the period from 2001 through 2025. The most impressive energy consumption growth rates in the above period are to be seen in the developing countries, in particular in the Asian states, such as China, where the demand for energy resources is expected to double in 25 years.

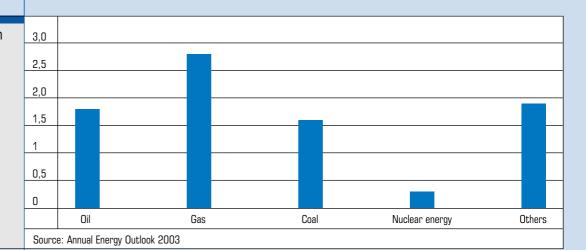




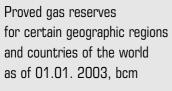
Natural gas is expected to take the lead among other primary sources of energy in terms of demand growth rates. This index is projected to grow at a rate of around 2.8% during the period from 2001 through 2025. The power industry is likely to become the major consumer of the natural gas. Due to the growing number of new types of power-generating equipment using «blue fuel» in the world, the efficiency of gas consumption is higher than that of coal and furnace fuel oil. «Environmental cleanness» of gas contributes a lot to its leadership.

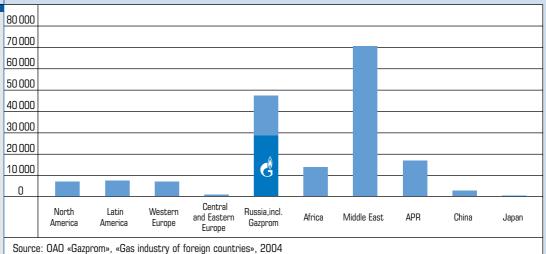
In many regions of the planet, and Russia in particular, natural gas is a key fuel used for utility purposes, which provides a modern standard of living to the population. Gas is the most valuable raw material for production of petrochemicals. Improving the degree of gas processing is another promising direction for the world's gas companies.

Annual consumption growth gates for major fuels and energy in the world, 2001–2025, %



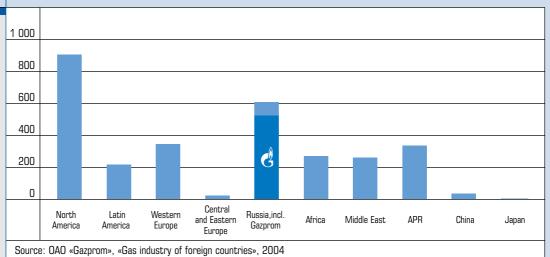






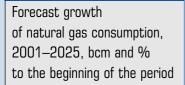
Comparing natural gas production volume and reserves in Russia (Gazprom Group) to those in the major regions of the world market confirms the positive outlook for expansion of Gazprom's activities from the European to the global level.

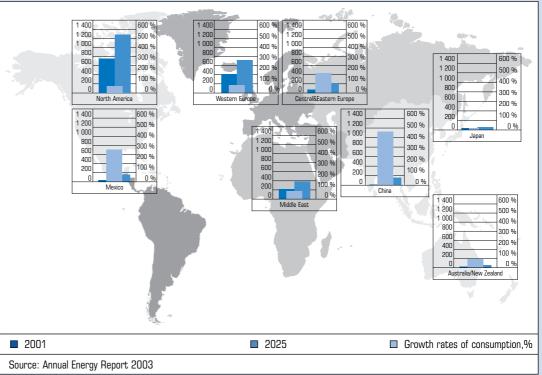
Gross gas production for certain geographic regions and countries of the world, 2002, bcm



In determining its strategic direction Gazprom takes into account the forecast growth of natural gas consumption in all the world's regions. While North America is a promising market in terms of absolute figures of consumption, countries in the Asian and Pacific Region (APR) are of interest, too, as they show the highest growth rates of demand for natural gas.

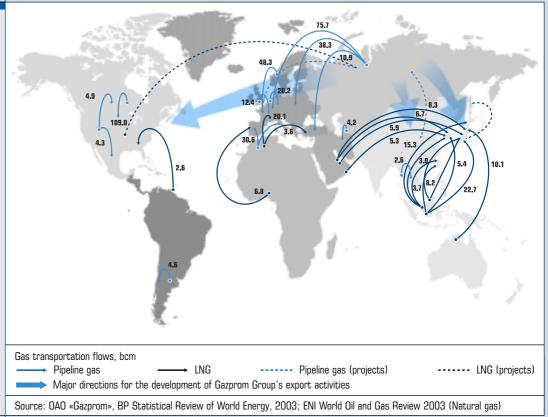






Pursuing the policy of maintaining and strengthening its positions in the European market, Gazprom is planning to extend its activities to new geografic directions as well, namely in the North America and countries in the Asian and Pacific Region.

Major world's natural gas transportation flows and directions for the development of Gazprom Group's export activities



The results of Gazprom's activities for 2003 shown in the present Annual report provide a solid foundation for expanding Gazprom's participation in the globalization of gas market.



### **MAJOR PRODUCTION**

### **AND FINANCIAL**

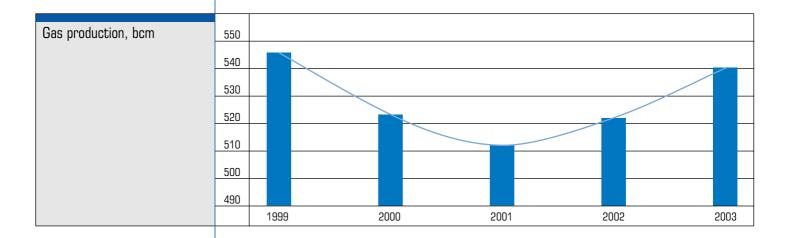
### **RESULTS\***

Major production	and	financial
results		

	,						
Production (Gazprom Group)	Units	2001	2002**	2003	2003/2002, %		
Gas reserves increase	bcm	166,2	514,4	426,8	83,0		
Gas production	bcm	512,0	521,9	540,2	103,5		
Condensate and oil production	million tons	10,2	10,6	11,0	103,8		
Gas supplies to Russian consumers	bcm	282,1	283,5	291,0	102,6		
Gas export to Europe	bcm	126,9	128,6	132,9	103,3		
Gas export to CIS countries and Baltic states	bcm	39,6	42,3	42,6	100,7		
Trunk pipelines and pipeline branches put into operation	km	500,0	818,2	1 786,5	218,3		
Financials (OAO «Gasprom»)							
Sales of goods, products, work, services (net of VAT, excise taxes and other obligatory payments)	million roubles	474 471	604 853	780 613	129,1		
Sales profit	million roubles	164 919	109 044	207 555	190,3		
Net profit	million roubles	71 928	52 639	142 623	270,9		
Net assets	million roubles	1 559 354	1 574 060	1 707 213	108,5		
Dividends***	million roubles	5 445	10 416	9 469	90,9		
Short-term borrowings	million roubles	321 059	336 431	275 756	82,0		
Long-term borrowings	million roubles	198 877	282 803	312 597	110,5		
Capital expenditures (Gazprom Group, net of VAT)	million roubles	119 974	142 300	173 704	122,1		
** Data for 2002 differ from analogous facts of Annua	** Data for 2002 differ from analogous facts of Appual report 2002 due to changes made during preparation of financial accounts						

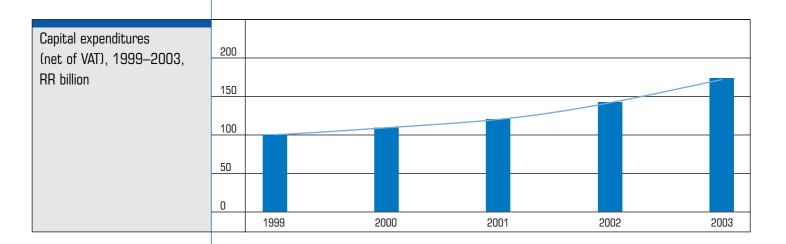
<sup>\*\*</sup> Data for 2002 differ from analogous facts of Annual report 2002 due to changes made during preparation of financial accounts of 2003

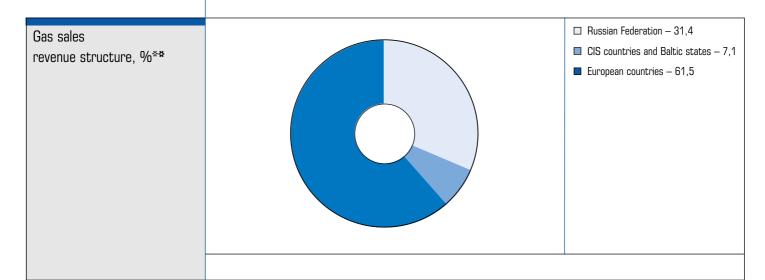
<sup>\*\*\*</sup> In 2004 it is recommended to pay 16335 million roubles as dividends based on the results of operation in 2003



<sup>\*</sup> The term OAO «Gazprom» used in this Annual report refers to the head company of the Group, i.e. to Open Joint Stock Company «Gazprom». The Gazprom Group, the Group or Gazprom imply OAO «Gazprom», its subsidiaries and related companies taken as a whole. Unless otherwise specified, the information about production activities, capital construction, prices, and marketing is based on the management reports data.







### **GAZPROM** is the:

- world's largest gas company,
- largest gas supplier to Russian consumers,
- largest Russian exporter,
- largest Russian company,
- largest Russian taxpayer,
- largest Russian investor.

A key objective of Gazprom's economic strategy is to increase capitalization, as well as maintain and strengthen its leadership both in the world and Russian gas markets through the integration into the ever-changing business environment.



Gazprom in Russia and globally





# MAJOR EVENTS OF THE YEAR

### STRENGTHENING MINERAL RESOURCE BASE

Three new fields were discovered: Obskoye, Yuzhno-Chernoerkovskoye, and Peschanoye.

100% ownership was regained over Severneftegazprom.

The Concept for continental shelf development and the Program of oil and gas exploration work at sea for the period up to 2030 were approved.

### **INCREASE IN PRODUCTION VOLUME**

The objective of stabilizing gas production and reaching the annual production level of 530 bcm in 2003 was accomplished. The production volume was 540.2 bcm in the reporting year. New production targets of 580–590 bcm in 2020 were established.

The first hundred billion cubic meters of gas was produced at the Zapolyarnoye field.

The second launch complex of the comprehensive gas treatment unit (UKPG-2S) and the first launch complex of UKPG-3S at the Zapolyarnoye oil and gas condensate field were commissioned with total annual capacity of 32.75 bcm.

The Tab-Yakhinskaya area of the Urengoiskoye field was commissioned.

The Valanginian deposit of the Yen-Yakhinskoye field was commissioned.

The Vyngayakhinskoye gas field was commissioned.

A joint venture «Achimgaz» was established by OAO «Gazprom» and «Wintershall AG» (Germany) for the development of the Achimovsk formations of the Urengoiskoye field.

Six booster compressor stations were commissioned at the Yamburgskoye, West Tarkosalinsk, and Yubileinoye fields.

# EXPANDING NATURAL GAS TRANSPORTATION NETWORK AND UNDERGROUND GAS STORAGE FACILITIES NETWORK

The first stage of due diligence research was completed for the «Middle Asia — Center» project of reconstruction and improvement of the existing gas transportation system and establishing new gas transportation facilities.

Preparatory work began with potential partners within the «North European Gas Pipeline» (NEG) project. NEG was recognized as a strategically important and promising project. A bilateral Memorandum of Cooperation with regard to the «North European Gas Pipeline» was signed in the presence of the Russian President and the UK Prime Minister.

A new pipeline was launched between Karachaganakskoye field (Kazakhstan) and the Orenburg Gas Refinery (Russia).

Four compressor stations were commissioned at the existing gas pipelines: Volgogradskaya,



PROM Annual report 2003 12

Salskaya, Stavropolskaya, and Smolenskaya.

Two underground gas storage facilities were commissioned: Karashurskoye and Musinskoye.

### **ENTERING NEW MARKETS**

Development of the second and the third phases of the South Pars field (Iran) within the international consortium established to develop this field was completed.

The commercial supply of Russian gas to Turkey began through the «Blue Stream» pipeline, the first billion cubic meters of gas having been supplied by the end of the year.

Long-term contracts were signed for the purchase of gas in Uzbekistan and Turkmenistan.

The supply of gas to Armenia began.

Agreements were signed for the supply of gas to Georgia and Azerbaijan.

An Agreement was signed to create a consortium between OAO «Gazprom», OAO «Rosneft», and OAO «Surgutneftegaz». The parties agreed to take joint efforts in comprehensive development of oil and gas fields in Eastern Siberia and Far East to supply the domestic market and the potential markets of China and the countries in the Asian and Pacific Region.

An agreement on cooperation in the gas sphere was signed with Korean Gas Corporation («Kogas»).

The Chairman of OAO «Gazprom» Management Committee held a number of meetings with representatives from the US Government and management of US based energy companies. Favorable environment was created for Gazprom's entering the American liquefied natural gas market.

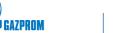
OAO «Gazprom» held negotiations with the Venezuelan Ministry of Energy and Mines, during which the parties discussed possible ways of cooperation in terms of exploration and development of gas fields, development of gas infrastructure, low pressure pipelines, and natural gas processing.

### DEBT PORTFOLIO STRUCTURE IMPROVEMENT AND RATING INCREASE

U.S.\$1.75 billion of 10-year loan participation notes issued under Rule 144A were placed. Gazprom received awards from the International Financial Review for the best 2003 issue in «Emerging Market Bond» and «EEMEA (Eastern Europe, Middle East and Africa) Bond» nominations.

A 7-year loan participation notes issue was placed for the total of 1 billion Euros. It became the largest issue of euro-denominated bonds that have ever been made by corporate issuers located in a developing economy and the first corporate Euro Medium-Term Note Program (EMTN) in Russia.

«Fitch Ratings», an international rating agency, assigned long-term rating «BB» to OAO «Gazprom» both in foreign and domestic currency. This is one point lower than Russia's sovereign rating. The rating forecast is «stable».



An international rating agency «Standard and Poor's» raised OAO «Gazprom» rating to «BB-».

### **ACQUISITION OF FOREIGN ASSETS**

OAO «Gazprom» acquired 20% of the shares in ZAO «KazRosGaz», increasing its shareholding in this company to 50%. This acquisition will allow the company to consolidate its grip on the Central Asia gas market and raise its flexibility and maneuvering in diversifying gas sources.

An agreement was reached on the purchase of the 100% shareholding in the capital of an ad-hoc project company «West East Pipeline Project Investment B.V.», which is being established in the Netherlands for participating in the «West-East» project.

A contract for the purchase of 34% interest in a Lithuanian company «Lietuvos Dujos» was initiated.

A contract for the purchase of property belonging to the Kaunas combined heat and power plant was signed.

The Pakistani Ministry of Petroleum and Natural Resources suggested that OAO «Gazprom» participate in the program of privatization of Pakistani oil-and-gas companies.

### **PROPERTY MANAGEMENT**

OAO «Gazprom» obtained legal documents confirming its title to the immovables contributed by the Government as payment for the charter capital of RAO (OAO) «Gazprom» during the reorganization of the State Gas Concern «Gazprom».



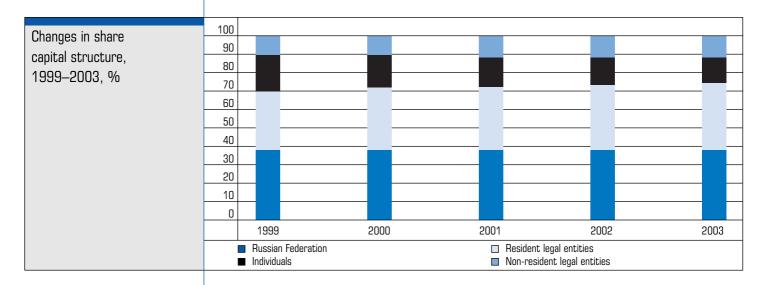
### INFORMATION

### FOR SHAREHOLDERS

### **AND INVESTORS**

### **SHARE CAPITAL**

The total number of shareholders registered in Gazprom's shareholders register as of 31.12. 2003 reached 477,059. The total number of issued shares was 23,673,512,900.



List of shareholders with a shareholding in OAO «Gazprom» exceeding 2% as of 31.12. 2003

Shareholders	Share in the capital,%
Russian Federation	38,37
000 «Gazprominvestholding», 000 «New financial technologies», 000 «Fincom»	4,83
«Gazprom Finance B.V.»	4,58
«Bank of New-York International Nominees»*	4,42
NPF «Gazfund»	3,17
Ab «Gazprombank» (ZAO)	3,08
ZAO «Gerosgaz»	2,93
«Ruhrgas AG»	2,50
* Nominee under the program for the issuance of ADS	

### **SHARE MARKET**

OAO «Gazprom» shares are mostly traded at the Stock Exchange «St. Petersburg» (SESP) through the RTS Stock Exchange terminals. The shares were also traded at the Moscow Stock Exchange (MSE) till August 2003, however, they were not actively traded and their trade became sporadic later on. The average annual volume of trade at the Stock Exchange «St. Petersburg» was U.S.\$22 million in 2003, whereas the price denominated in roubles grew up by 60.3%.

OAO «Gazprom» American Depositary Shares (ADS\*\*) are primarily traded at the London Stock Exchange (LSE). The average annual volume of trade at LSE reached U.S.\$400–500 thousand, whereas the price of ADS rose 2.2 time during the year. The capitalization growth remains one of the OAO «Gazprom» key strategic priorities.

<sup>\*\* 1</sup> ADS is equivalent to 10 OAO «Gazprom» shares

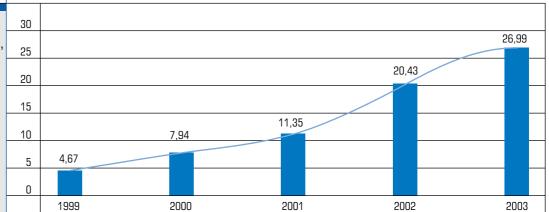


OAO «Gazprom»		RTS Stock Exchange, rouble/share Close price			London stock exchange, US\$/ADS Close price		
share price growth, 1999–2003	Year	at the end of the year	minimum	maximum	at the end of the year	minimum	maximum
	1999	7,03	2,36	7,03	8,60	6,78	12,55
	2000	8,35	6,18	10,16	6,33	5,50	11,05
	2001	15,75	7,93	17,65	9,70	5,97	11,30
	2002	24,02	15,64	35,45	11,70	9,70	19,65
	2003	38,50	21,10	44,45	25,90	10,40	27,75

OAO «Gazprom» ADS and share price dynamics, 2003



OAO «Gazprom» market capitalization dynamics, U.S.\$ billion



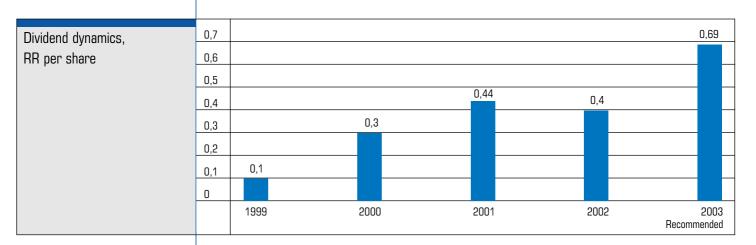


### **DIVIDENDS**

Dividends paid in 2003 based on OAO «Gazprom»		Accrued, thousand roubles	Paid, thousand roubles	Unpaid thousand roubles	Unpaid / Accrued ratio %
operational results	Total	9 469 405	9 463 466	5 939	0,063
for 2002 as of 31.12. 2003	Including:				
	Individuals	1 411 763	1 410 885	878	0,062
	Russian Government	3 633 708	3 633 708	-	-
	Lenal Entities	4 423 934	4 418 873	5.061	N 114

<sup>\*</sup> Part of accrued dividends based on the results of OAO «Gazprom» operations in 2002 remained unpaid due to the absence of information about shareholders' addresses and payment requisites changes. Clause 44 of the Federal «Joint stock company law» makes shareholders responsible for due notice of such changes.

Based on the results of operations in 2003, the Board of Directors recommends paying dividends in the amount of 69 kopecks per share.



The fees paid to the members of the Board of Directors for 2002 amounted to RR1,530 thousand in the reporting year. The fees for the members of the Management Committee and the Chairman of the Management Committee and compensations envisaged by Sub-clause 9 of Clause 34.1 of Gazprom's Charter were not established. Their work was paid for based on their positions in compliance with their labor contracts.



### FINANCIAL COEFFICIENTS AND MARKET MULTIPLIERS

OAO «Gazprom» financial and market coefficients*		2000	2001	2002**	2003
	Return on equity,%	6,70	4,60	3,30	8,35
	Return on assets,%	4,10	3,50	2,40	6,20
	Return on sales,%	47,10	34,80	18,0	26,6
	Current liquidity ratio	1,25	1,33	1,41	1,84
	Quick ratio	1,14	1,18	1,18	1,54
	Debt/equity ratio	0,64	0,33	0,39	0,34
	Earnings per share (EPS)	2,05	3,04	2,22	6,02
	P/E ratio (internal OAO «Gazprom» share market)	4,01	5,16	10,93	6,30
	P/E ratio (external OAO «Gazprom» share market)	8,72	9,77	16,89	12,67

Net assets per share

Market capitalization.\*\*\*

Market capitalization/net assets

30,4

7,94

0,31

65,90

11,35

0,21

66,50

20,43

0,41

72,10

26,99

0,49

<sup>\*</sup> Based on OAO «Gazprom» annual accounts.

 $<sup>\</sup>ensuremath{^{**}}$  Figures for 2002 are given considering new accounting methods adopted in 2003.

In accordance with OAO «Gazprom» dividend policy, market capitalization is calculated as the sum of the arithmetic average of the daily market capitalization of the internal market and the arithmetic average of the daily market capitalization of the external market.



2003



### **MANAGEMENT**

## OAO «GAZPROM» BOARD OF DIRECTORS Members of the Board of Directors in 2003\*

### **MEDVEDEV** Dmitri Anatolievich

Chairman of the Board of Directors; Head of the Presidential Administration of the Russian Federation

### **MILLER Alexei Borisovich**

Deputy Chairman of the Board of Directors, Chairman of the Management Committee of OAO «Gazprom»

### **ANANENKOV Alexander Georgievich**

Member of the Board of Directors, Deputy Chairman of the Management Committee of OAO «Gazprom»

### **BERGMANN Burckhard**

Member of the Board of Directors, Chairman of the Management Committee of Ruhrgas

### **GAZIZULLIN Farit Rafikovich**

Member of the Board of Directors, Minister of Property Relations of the Russian Federation

### **GREF German Oskarovich**

Member of the Board of Directors,

Minister for Economic Development and Trade of the Russian Federation

### **LEVITSKAYA Alexandra Yurievna**

Member of the Board of Directors, First Deputy Head of the Secretariat of the Presidential Administration of the Russian Federation

### **SEREDA Mikhail Leonidovich**

Member of the Board of Directors, Head of Gazprom's Management Committee Office

### **FEDOROV** Boris Grigorievich

Member of the Board of Directors

### KHRISTENKO Victor Borisovich

Member of the Board of Directors, Deputy Prime Minister of the Russian Federation.

### YUZHANOV Ilya Arturovich

(till 28.06.2003)

Member of the Board of Directors.

Minister of the Russian Federation

for the Antimonopoly Policy and support of Entrepreneurship

### YUSUFOV Igor Khanukovich

(since 28.06.2003)

Member of the Board of Directors, Minister of Energy of the Russian Federation

<sup>\*</sup> Positions as on 31.12.2003



Сведения о лицах, входивших в состав Совета директоров ОАО «Газпром» в 2003 г.



### **MEDVEDEV Dmitri Anatolievich**

Born in 1965, graduated from the A.A.Zhdanov Leningrad State University

Positions held over the past 5 years:

1999 - deputy Head of the Administration of the Government of the Russian Federation

1999-2000 — deputy Head of the Presidential Adminstration of the Russian Federation

2000-2003-first deputy Head of the Presidential

Administration of the Russian Federation

since 2003 — Head of the Presidential Administration of the Russian Federation

Has no shareholding in OAO «Gazprom»



### **MILLER Alexei Borisovich**

Born in 1962, graduated from the N.A.Voznesensky Leningrad Financial and Economic Institute

Positions held over the past 5 years:

1999–2000 - General Director of OAO «Baltiiskaya

Truboprovodnaya Sistema» (Baltic Pipeline System)

2000-2001 — deputy Minister of Energy of the Russian

Federation

since 2001 — Chairman of the Management Committee of OAO «Gazprom»

Shareholding in OAO «Gazprom» — 0,00000027%



### **ANANENKOV Alexander Georgievich**

Born in 1952, graduated from the Ufa Oil Institute and the Academy of National Economy under the Council of Ministers of the USSR.

Positions held over the past 5 years:

1999–2001 – General Director of OOO «Yamburggazdobycha» since 2001 – deputy Chairman of Management Committee of OAO «Gazprom»

Shareholding in OAO «Gazprom» - 0,00266%



### **BERGMANN Burckhard**

Born in 1943, graduated from the Aachen Institute of Technology.

Positions held over the past 5 years:

1999-2001 - deputy Chairman of the Executive Board of Ruhrgas AG

since 2001 — Chairman of the Executive Board of Ruhrgas AG since 2003 — Member of the Executive Board of «E.ON AG» Has no shareholding in OAO «Gazprom»



### **GAZIZULLIN Farit Rafikovich**

Born in 1946, graduated from the Gorky Institute of Water Transport Engineers.

Positions held over the past 5 years:

1999–2000 – Minister for State Property of the Russian Federation

since 2000 - Minister for Property Relations of the Russian Federation

Has no shareholding in OAO «Gazprom»



### **GREF German Oskarovich**

Born in 1964, graduated from  ${\sf Omsk}$  State University.

Positions held over the past 5 years:

1999-2000 — first deputy Minister for State Property of the Russian Federation

since 2000 - Minister for Economic Development and Trade of the Russian Federation

Has no shareholding in OAO «Gazprom»





### **KHRISTENKO Victor Borisovich**

Born in 1957, graduated from the Chelyabinsk Polytechnic Institute.

Positions held over the past 5 years:

1999-2001 - first deputy Prime Minister of the Russian Federation

since 2000 - deputy Prime Minister of the Russian Federation Has no shareholding in OAO «Gazprom»



### YUZHANOV Ilya Arturovich

Born in 1960, graduated from the A.A.Zhdanov Leningrad State University.

Positions held over the past 5 years:

1999 — deputy general director of OAO «Mezhregionalnoe nauchno-proizvodstvennoe obiedinenie «Polimetal» (Interregional scientific-and-manufacturing Union «Polimetal») since 1999 — Minister of the Russian Federation for the Antimonopoly Policy and support of Entrepreneurship Has no shareholding in OAO «Gazprom»



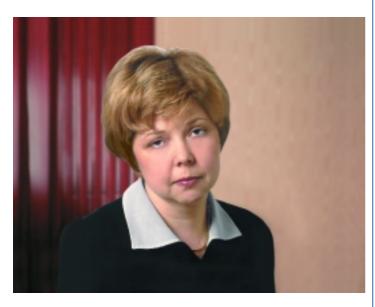
### YUSUFOV Igor Khanukovich

Born in 1965, graduated from the Novocherkasskiy Polytechnic Institute and All-Union Academy of Foreign Trade.

Positions held over the past 5 years:

1999–2001 – general director of the Russian Agency for Government Reserves

since 2001 - Minister of Energy of the Russian Federation Has no shareholding in OAO «Gazprom»



### LEVITSKAYA Alexandra Yurievna

Born in 1954, graduated from the M.V.Lomonosov Moscow State University.

Positions held over the past 5 years:

1999–2000 – assistant to the Head of the Administration of the President of the Russian Federation

2000-2003 — first deputy Head of the Administration of the Government of the Russian Federation

since 2003- first deputy Head of the Management Secreteriat of the Presidential Administration of the Russian Federation Has no shareholding in OAO «Gazprom»



### **SEREDA Mikhail Leonidovich**

Born in 1970, graduated from the St.Petersburg State University of Economy and Finance.

Positions held over the past 5 years:

1999-2001 — deputy general director for finance of OAO «Baltic Pipeline System» (BTS)

since 2001 — deputy Head for Economy of BTS branch OAO «Verhnevolzhskie Magistralnye Nefteprovody» (Verhnevolzhskie Trunk Pipelines)

since 2001 — Head of Administration of OAO «Gazprom» Management Committee

Has no shareholding in OAO «Gazprom»



### **FEDOROV Boris Grigorievich**

Born in 1958, graduated from the Moscow Financial Institute. Positions held over the past 5 years:

since 1999 — President of the all-Russia public and political movement «Russia, Ahead!»

Shareholding in OAO «Gazprom» — 0,000004%



2003

23



### Major Issues Discussed by OAO «Gazprom» Board of Directors in 2003

(On the whole, there were 45 meetings held and 124 issues discussed)

### Gas Production and Transportation

On the implementation of measures to increase gas production

On measures to develop OAO «Gazprom» mineral resource base

On activities related to the audit of the reserves of natural gas, gas condensate and oil at OAO «Gazprom» fields

On OAO «Gazprom» preparation for the autumn and winter period 2003-2004

### Financial and Economic Activities

On improving OAO «Gazprom» financial planning system

On OAO «Gazprom» internal corporate budgeting

On implementation of the Program of OAO «Gazprom» borrowings and securities placement and utilization of raised funds

On separate financial accounting for different types of activities (production, transportation, and sales)

On measures to decrease OAO «Gazprom» receivables and payables

On approving the budget (financial plan), investment program, and program for decreasing OAO «Gazprom» expenditure for 2003

On interim results of OAO «Gazprom» operations for 2003, budget (financial plan), investment program, and program for decreasing OAO «Gazprom» expenditure for 2004

On procedures for purchasing inventory for the needs of OAO «Gazprom» and its subsidiaries

On improving the system of purchasing inventory for the needs of OAO «Gazprom» and its subsidiaries by giving priority to contest procedures

On OAO «Gazprom» dividend policy

On the concept of de-monopolization of construction activities in OAO «Gazprom» and the plan for measures aimed at its implementation

On the strategy for investment decision-making

On placing OAO «Gazprom» bonds in the Russian market in 2003

On OAO «Gazprom» activities aimed at implementing the depreciation policy



2003

24



### Selling Hydrocarbons in the Internal Market

On amending the existing procedures of selling gas in the Russian internal market, which would envisage structural reorganization of OOO «Mezhregiongaz»

On measures to increase OAO «Gazprom» revenues from the sale of oil, liquid hydrocarbons, and its refining products

On gas saving concept

### **Property Assets**

On the current status and prospective work related to recovery of OAO «Gazprom» and its subsidiaries' assets

On confirmation of OAO «Gazprom» title to immovables

On the list of non-core assets and inefficient assets of OAO «Gazprom», its subsidiaries, and organizations due to be sold in 2003

On the list of organizations engaged by OAO «Gazprom» for an independent valuation of property assets

### Foreign Trade Activities

On OAO «Gazprom» participation in the investment phase of the project entitled «The Creation of International Consortium for Managing and Developing Ukraine's Gas Transportation System»

On the status of work aimed at settling accounts between the federal budget and OAO «Gazprom» as per Yamburg agreements

On establishing an ad-hoc project company within OAO «Gazprom» participation in the «West-East» project

On the status of bilateral relations in gas industry between the Russian Federation and the Republic of Kazakhstan

On agreeing upon OAO «Gazprom» acquisition of KazRosGaz's shares

On approval of the Regulation on Procedures for Disclosing the Activities of OAO «Gazprom» Board of Directors

On OAO «Gazprom» participation in privatization of Lietuvos Dujos

### Contests, Audits, and Courts

On arranging for the contest to select audit companies for the statutory annual audit of OAO «Gazprom» for 2003



On approval of internal documents related to holding the contest to select audit companies for the statutory annual audit of OAO «Gazprom»

On approval of the new edition of the Regulation on Arbitration Tribunal under Open Joint Stock Company «Gazprom»

### Social Policy

On methodology for determining OAO «Gazprom» payroll fund in line with consumption prices growth rates

On improving activities related to OAO «Gazprom» pension program





### **OAO «GAZPROM» MANAGEMENT COMMITTEE**

### Members of OAO «Gazprom» Management Committee (as of 31.12.2003)

### **MILLER Alexei Borisovich**

Chairman of the Management Committee

### **ANANENKOV Alexander Georgievich**

Deputy Chairman of the Management Committee

### **VASILIEVA Elena Alexandrovna**

Deputy Chairman of the Management Committee - Chief Accountant of OAO «Gazprom»

### **GUSLISTY Nikolai Nikiforovich**

Deputy Chairman of the Management Committee

### **KOMAROV** Yuri Alexandrovich

Deputy Chairman of the Management Committee (elected a member of Management Committee, Board of Directors' decision Nº 491, August 8, 2003)

### RYAZANOV Alexander Nikolaevich

Deputy Chairman of the Management Committee

### **USHAKOV Sergey Konstantinovich**

Deputy Chairman of the Management Committee (elected a member of Management Committee, Board of Directors' decision Nº 447, April 18, 2003), general director of the Security service of OAO «Gazprom» (pluralistically)

### **YURLOV Boris Dmitrievich**

Deputy Chairman of the Management Committee

### **AKSELROD Mikhail Arkadievich**

Member of the Management Committee, Head of Department of Capital Construction and Transportation, general director of ZAO «Gazpromstroyengineering» (pluralistically)

### **BUDZULYAK Bogdan Vladimirovich**

Member of the Management Committee, Head of Department of Gas Transportation, Underground Storage and Utilization

### **GOLUBEV Valeri Alexandrovich**

Member of the Management Committee, general director of 000 «Gazkomplektimpex» (elected a member of Management Committee, Board of Directors' decision № 447, April 18, 2003)

### **ILYUSHIN Viktor Vasilievich**

Member of the Management Committee, Head of Department for Relationships with Regions of the Russian Federation

### **KRUGLOV Andrei Vyacheslavovich**

Member of the Management Committee, Head of Department of Finance and Economics



### **MEDVEDEV Alexander Ivanovich**

Member of the Management Committee, general director of OOO «Gazexport»

### **PODYUK Vasili Grigorievich**

Member of the Management Committee, Head of Department of Gas, Gas Condensate and Oil Production

### RUSAKOVA Vlada Vilorikovna

Member of the Management Committee, Head of Department of Strategic development (elected a member of Management Committee, Board of Directors' decision № 492, September 5, 2003)

### **SELEZNEV Kirill Gennadievich**

Member of the Management Committee, Head of Department for Marketing and Processing of Gas and Liquid Hydrocarbons, general director of OOO «Mezhregiongaz» (pluralistically)

### **CHUICHENKO Konstantin Anatolievich**

Member of the Management Committee, Head of the Legal Department

# Information about members of Management Committee whose authorities were suspended in 2003

### **GORNOVSKY Nikolai Nikolaevich**

General director of 000 «Mezhregiongaz» (authority of member of Management Committee ceased, Board of Directors' decision № 447, April 18, 2003

### **LEVIEV Vladimir Arkadievich**

General director of 000 «Gazkomplektimpex» (authority of member of Management Committee ceased, Board of Directors' decision  $N^{o}$  447, April 18, 2003)

### **LUKASH Sergey Alexeevich**

Deputy Chairman of the Management Committee, general director of the Security service of OAO «Gazprom» (authority of member of Management Committee ceased, Board of Directors' decision Nº 447, April 18, 2003)

### **REZUNENKO Vladimir Ivanovich**

Head of Department of Long-Term Development, Science and Ecology (authority of member of Management Committee ceased, Board of Directors' decision № 481, June 26, 2003)

### **KRASNENKOV Alexander Viktorovich**

Head of Department of Property Management and Corporate Relations (authority of member of Management Committee ceased, Board of Directors' decision № 490, August 8, 2003)



# Information about members of Management Committee (as of 31.12.2003)



### **MILLER Alexei Borisovich**

Born in 1962, graduated from the N.A.Voznesensky Leningrad Financial and Economic Institute

Positions held over the past 5 years:

1999–2000 – General Director of OAO «Baltiiskaya

Truboprovodnaya Sistema» (Baltic Pipeline System)

2000–2001 – deputy Minister of Energy of the Russian Federation

since 2001 — Chairman of the Management Committee of OAO «Gazprom»

since 2002 - member of OAO "Gazprom" Board of Directors Shareholding in OAO "Gazprom" - 0,00000027%



### **ANANENKOV Alexander Georgievich**

Born in 1952, graduated from the Ufa Oil Institute and the Academy of National Economy under the Council of Ministers of the USSR.

Positions held over the past 5 years:

1999-2001- general director of OOO «Yamburggazdobycha» since 2001- deputy Chairman of Management Committee of OAO «Gazprom»

since 2002 — member of OAO «Gazprom» Board of Directors Shareholding in OAO «Gazprom» — 0,00266%



### VASILIEVA Elena Alexandrovna

Born in 1959, graduated from the N.A.Voznesensky Leningrad Financial and Economic Institute.

Positions held over the past 5 years:

1999–2001 – Chief Accountant of OAO Baltic Pipeline System (BTS) and then Chief Accountant of BTS Branch OAO «Verhnevolzhskie Trunk Pipelines»

2001 — deputy Head of the Administration of the Management Committee and assistant to the Chairman of the Management Committee of OAO «Gazprom»

since 2001 — deputy Chairman of the Management Committee — Chief Accountant of OAO «Gazprom»

Has no shareholding in OAO «Gazprom»



### **GUSLISTY Nikolai Nikiforovich**

Born in 1933, graduated from the Sverdlovsk Institute of National Economy.

Positions held over the past 5 years:

Since 1998 - deputy Chairman of the Management Committee of OAO «Gazprom»

Shareholding in OAO «Gazprom» - 0,00422%



### **KOMAROV** Yuri Alexandrovich

Born in 1945, graduated from the Moscow Energy Institute and the All-Union Academy of Foreign Trade.

Positions held over the past 5 years:

 $1999{-}2002-\mbox{Head}$  of Department for foreign affairs of OAO «Gazprom»

since 2001 - deputy Chairman of the Management Committee of OAO «Gazprom»

Has no shareholding in OAO «Gazprom»



### RYAZANOV Alexander Nikolaevich

Born in 1953, graduated from the I.M.Gubkin Moscow Institute of Petrochemical and Gas Industry, All—Union Correspondence Financial and Economic Institute .

Positions held over the past 5 years:

1999 – delegate to the Regional Duma of Tyumen

1999 – delegate to the Regional Duma of Khanty–Mansiisk automomous region

1999-2001 — delegate and deputy Chairman of the Committee for Property of the State Duma of the Federal Assembly of the Russian Federation

since 2001 — deputy Chairman of the Management Committee of OAO «Gazprom»

Shareholding in OAO «Gazprom» - 0,0004%



### **USHAKOV Sergey Konstantinovich**

Born in 1952, graduated from the A.A.Zhdanov Leningrad State University.

Positions held over the past 5 years:

1999–2002 – employee of the Directorate of the Federal Securities Service for St. Petersburg and the Leningrad region 2002–2003 – deputy director of the Federal Protection Services

since 2003 — deputy Chairman of the Management Committee of OAO «Gazprom», general director of the Security service of OAO «Gazprom»

Has no shareholding in OAO «Gazprom»



### **YURLOV Boris Dmitrievich**

Born in 1948, graduated from the Moscow Engineering and Physics Institute.

Positions held over the past 5 years:

1999 – 2000 – director of the Department of Project
Financing of the Savings Bank of the Russian Federation
2000–2002 – deputy and first deputy Manager of Affairs of
the President of the Russian Federation
since 2002 – deputy Chairman of the Management Committee

of OAO «Gazprom»

Has no shareholding in OAO «Gazprom»



### **AKSELROD Mikhail Arkadievich**

Born in 1946, graduated from the Leningrad Engineering and Construction Institute.

Positions held over the past 5 years:

1999–2001 — deputy director, director for investments and director for use hydraulic power stations of OAO «Lenenergo» 2001–2002 — Head of Department of Investments and Construction of OAO «Gazprom»

since 2002 — Head of Department of Capital Construction and Transportation of OAO «Gazprom», general director of ZAO «Gazpromstroyengineering

Has no shareholding in OAO «Gazprom»







### **BUDZULYAK Bogdan Vladimirovich**

Born in 1946, graduated from the Ivano-Frankovsk Oil and Gas Institute.

Positions held over the past 5 years:

1999-2001-Head of Department of Gas Transportation and Utilization of OAO «Gazprom»

since 2001 – Head of Department of Gas Transportation, Underground Storage and Utilization of OAO «Gazprom» Shareholding in OAO «Gazprom» – 0,004435%



### **GOLUBEV Valeri Alexandrovich**

Born in 1952, graduated from the V.I.Ulianov (Lenin) Leningrad Electrotechnical Institute and the Academy of National Economy under the Government of the Russian Federation.

Positions held over the past 5 years:

1999–2002 – chairman of the Tourism Committee of the St.Petersburg Administration

2002–2003 — representative of the Legislative Assembly of the Leningrad Region in the Federal Council of the Federal Assembly of the Russian Federation

since 2003 – general director of 000 «Gazkomplektimpex» Has no shareholding in 0A0 «Gazprom»



### **ILYUSHIN Viktor Vasilievich**

Born in 1947, graduated from the Urals Polytechnic Institute and the Academy of Social Sciences under the Communist Party Central Committee.

Positions held over the past 5 years:

since 1999 — Head of Department for Relationships with Regions of the Russian Federation of OAO «Gazprom» Has no shareholding in OAO «Gazprom»





### **KRUGLOV** Andrei Vyacheslavovich

Born in 1969, graduated from the St.Petersburg Technological Institute of Refrigeration Industry.

Positions held over the past 5 years:

1999–2001– Head of Sector of financial-and-credit cooperation with foreign countries and international organizations, Head of Section of foreign trade and investments of the Department for foreign economic cooperation of the Committee for foreign relations of St. Petersburg City Hall, then of the Committee for foreign relations of St. Petersburg Administration

 $2001\mbox{--}2002\mbox{--}$  deputy director of 000 «Invest-In»

2002-2003 — Head of Department of Corporate Finance of OAO «Gazprom»

since  $2003-{\rm Head}$  of Department of Finance and Economics of OAO «Gazprom»

Has no shareholding in OAO «Gazprom»



### **MEDVEDEV Alexander Ivanovich**

Born in 1955, graduated from the Moscow Physics and Technical Institute.

Positions held over the past 5 years:

1999–2002 – director of Company «IMAG Investment Management & Advisory Group GmbH», Austria since 2002 – general director of 000 «Gazexport» Has no shareholding in 0AO «Gazprom»



### **PODYUK Vasili Grigorievich**

Born in 1946, graduated from the Ivano-Frankovsk Oil and Gas Institute.

Positions held over the past 5 years:

1999–2002 — Head of Department of Gas, Gas Condensate and Oil Production and Procession of OAO «Gazprom» since 2002 — Head of Department of Gas, Gas Condensate and Oil Production of OAO «Gazprom»

Shareholding in OAO «Gazprom» - 0,00132%





### RUSAKOVA Vlada Vilorikovna

Born in 1953, graduated from the I.M.Gubkin Moscow Institute of Petrochemical and Gas Industry.

Positions held over the past 5 years:

1999 –2002 – Head of Office of forecasting growth strategies of Department of prospective development of OAO «Gazprom» 2002–2003 – Head of Office of forecasting growth strategies of Department of prospective development, science and ecology of OAO «Gazprom»

since 2003 — Head of Department of strategic development of OAO «Gazprom»

Shareholding in OAO «Gazprom» — 0,00019%



### **SELEZNEV Kirill Gennadievich**

System»

Born in 1974, graduated from the D.F.Ustiniv Baltic State Technical Institute and St.Petersburg State University. Positions held over the past 5 years:

1999–2000 – chief specialist for the coordination of investment activities of OAO «St. Petersburg Sea Port» 2000–2001 – Head of the tax group of OAO «Baltic Pipeline

2001-2002- deputy Head of the Administration of the Management Committee and assistant to the Chairman of the Management Committee of OAO «Gazprom»

since 2002 — Head of Department for Marketing and Processing of Gas and Liquid Hydrocarbons of OAO «Gazprom» since 2003 — general director of OOO «Mezhregiongaz» Has no shareholding in OAO «Gazprom»



### **CHUICHENKO Konstantin Anatolievich**

Born in 1965, graduated from the A.A.Zhdanov Leningrad State University and Yu.V.Andropov Red Banner Institute.

Positions held over the past 5 years:

1999–2001 – member and lawyer of the Moscow branch of the International St. Petersburg Bar Association since 2001 – Head of the Legal Department Has no shareholding in OAO «Gazprom»



### **CORPORATE GOVERNANCE**

OAO «Gazprom» follows international principles of corporate behavior. The actions of the company's management are governed by general rules and principles contained in OAO «Gazprom» Corporate Governance (Behavior) Code.

The corporate governance principles accepted by OAO «Gazprom» provide for equal treatment of all the shareholders. In 2003, changes were introduced to the Regulation on OAO «Gazprom» General Shareholders Meeting, which required the provision of complete and reliable information about the work of the General Shareholders Meeting.

The system of informational tracking of OAO «Gazprom» annual General Shareholders Meetings established by the present moment makes it possible to provide the necessary information to all the interested persons.

OAO «Gazprom» dividend policy provides for the transparency of the mechanism used for determining the amount of dividends and paying the dividends.

A number of measures were taken in the reporting year to improve the corporate governance system in various aspects.

The following work related to the recovery and the development of assets continued in 2003 for the benefit of shareholders:

- corporate control was strengthened over OAO AK Sibur, Russia's largest petrochemical company;
- a controlling shareholding was acquired in Severneftegazprom, which holds the license to develop the Yuzhno-Russkoye field with the expected production volume of 25 bcm per year, thus bringing Gazprom's shareholding up to 100%.

A number of corporate documents were approved and measure taken to improve internal control over the cash flow:

- an organizational system was established in accordance with the Budget Code adopted in June 2003 for drafting the Group's budget and controlling its implementation at all levels;
- monthly, quarterly, and annual planning of cash flows was introduced;
- supplementing the three-year forecast of Gazprom's activities, the planning and forecasting horizon was expanded by developing the Group's Financial Model containing the forecast for 15 years;
- the Department of Internal Audit and Control over the Subsidiaries' Financial and Business Activities was created and is now actively functioning;
- a schedule for the development of leasing activities was adopted, which, if followed, would make it possible to considerably decrease capital investments for the purchase of equipment and machinery;
- a decision on project finance development was taken to implement global projects related to the construction of gas transportation facilities, which will contribute to alleviating the debt burden on OAO «Gazprom»;
- a new structure of OAO «Gazprom» financial block was designed to efficiently raise the Group's funds and control their spending.



In accordance with the adopted internal policies OAO «Gazprom» Board of Directors manages and controls the assets and the results of the financial and business activities.

Information about the activities of the Board of Directors is provided to all the interested persons in accordance with Regulation on Procedures for Disclosing the Activities of OAO «Gazprom» Board of Directors adopted in 2003.

In order to manage and control risks, as well as provide for the transparency of OAO «Gazprom» and its subsidiaries' activities, the Procedures for Gazprom's Transactions was adopted, according to which the Board of Directors should consider the most material transactions with Gazprom's assets.

The disclosure of information about OAO «Gazprom» activities is becoming more and more clear and regular:

- consolidated accounting (financial) statements of Gazprom Group prepared in accordance with the requirements of the Russian legislation are published and discussed with the investment community along with its consolidated financial statements prepared in accordance with IFRS and the «Analysis and Evaluation by the Management of the Financial Position and Financial Results of the Company's Activities»;
- telephone conferences are held devoted to issuing the financial statements;
- Offering Circular pursuant to Rule 144A was prepared related to the placement of loan participation notes for the total of U.S.\$1.75 billion in February 2003, which became the first document with such level of information disclosure about the Group's activities;
- several «road shows» were held, some of them being connected with the securities placement and some of them non deal;
- several trips to Gazprom's sites were organized for investors and analysts;
- the web-site www.qazprom.ru was updated; the English version of the site was created;
- the system for disclosing Gazprom's current activities was established, which uses all the means to inform the target audiences.

In order to establish the single information space in OAO «Gazprom» the following work was carried out within the scope projects of Industry Integrated Information and Management System (IIIMS):

- the software and technical complex of OAO «Gazprom» web-site was launched into operation;
- the Industry Framework of Financial and Economic Indicators (IFFEI) an information and analytical system of OAO «Gazprom» economic activities was launched into test operation;
- the tax accounting system was launched into operation, which would provide for automatic preparation of Gazprom's profit tax declaration and the necessary tax registers;
- the electronic database of the single Register of the title to OAO «Gazprom» immovables was launched into test operation.



2003

36



### **RISK FACTORS**

In the course of its production activities Gazprom runs various risks. The most significant risks directly affecting Gazprom's activities are as follows.

■ The risk of a decline in international prices for oil products

OAO «Gazprom» sells a considerable amount of its produced natural gas in Europe. These exports are the primary source of foreign currency revenues and stable cash flows. The price of the natural gas sold depends upon the international prices for oil products. The decrease in the international prices for oil products will be followed after some time by the reduction in the prices for natural gas, which may result in lower export revenues for OAO «Gazprom».

However, according to OAO «Gazprom»' forecast, the current prices in the European markets will remain unchanged in the medium-term prospective, particularly due to the expected growth in demand for natural gas in Europe.

- The risk of low regulated prices for natural gas sold in Russia
- Gazprom Group is required to supply natural gas to Russian consumers at prices established by the Federal Energy Commission. These prices are considerably lower than the international prices for natural gas. Since 2000, there is a trend of gradual increase in the prices for natural gas sold in Russia. The Energy Strategy of Russia envisages that the growth trend will continue, yet, there is a risk that the planned growth rates for the gas prices will not occur.
- The risk of higher competition from other natural gas producers and suppliers in Europe Increased competition may affect OAO «Gazprom» prices and sales in the European region. In each of its major markets in Europe, OAO «Gazprom» faces competition from gas producers and suppliers (especially in the Netherlands, Norway and Algeria).
- The risk of delayed payments and non-monetary settlements on behalf of gas consumers in Russia and countries of FSU.

The limited ability or inability of certain consumers in Russia and former Soviet countries to pay for the supplied natural gas may have an adverse affect on OAO «Gazprom» activities. The share of monetary payments in the revenues from the sale of gas in Russia has grown recently.

■ The risk of changes in taxation procedures

Gazprom pays taxes in accordance with the effective legislation and is one of the largest sources of tax revenues for the federal budget and the budgets of other levels. Federal, regional, and local authorities are in charge of solving social and economic problems, which, if combined with certain difficulties in tax collection, raises the risk that the Russian Government or the regional and local authorities may try solve the budgetary problems through increasing Gazprom's tax burden.

### Environmental risks

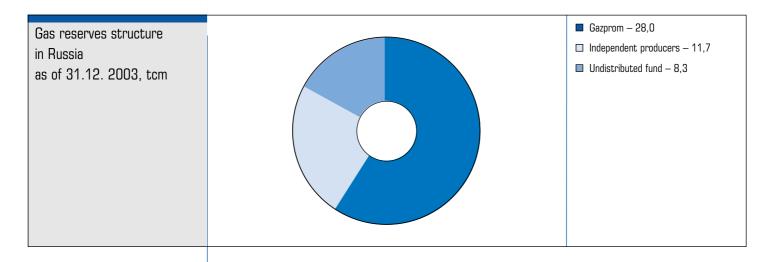
Gazprom's operational activities are potentially linked to the risk of causing environmental damage or environmental pollution as well as related to the cost of work needed to remediate such damage. Gazprom is constantly monitoring its operations to comply with environmental standards and to comply with its corporate environmental policy.



#### **PRODUCTION**

#### **MINERAL RESOURCE BASE**

Gazprom holds enormous hydrocarbon reserves, representing approximately 16% of the global proved natural gas reserves.



#### Reserves

As of December 31, 2003, hydrocarbon reserves (categories  $A+B+C_1$ ) belonging to Gazprom Group were estimated as follows in accordance with the Russian methodology (i.e. with account taken of the proportional part of reserves belonging to the companies with OAO «Gazprom» shareholding):

Gazprom Group's		Gas	Condensate	Oil
	Total	28,0 tcm	1,28 bln. tons	0,57 bln. t
as of 31.12. 2003	Including Urals federal district,%	81,5 tcm	59,6 bln. tons	81,8 bln. t

Most of the natural gas reserves are located in Western Siberia (the Urals federal district) and are characterized by high geographical concentration. As of 31.12. 2003, the reserves of the largest fields — Urengoiskoye, Yamburgskoye and Zapolyarnoye — accounted for 12.9 tcm or 46.1% of the total reserves (categories  $A+B+C_1$ ).

Location of gas reserves by Russian regions and OAO «Gazprom» major gas fields, bcm



Gas field	Current gas reserves	Degree of depletion,%
Urengoiskoye	5 368,9	48,7
Yamburgskoye	4 134,7	39,0
Zapolyarnoye	3 419,7	3,2
Medvezhye	549,0	75,8
Komsomolskoye	468,0	39,7
Bovanenkovskoye	4 374,9	0,0
Kharasaveiskoye	1 258,9	0,0
Shtokmanovskoye*	1 268,2	0,0
Astrakhanskoye	2 518,8	4,0
Orenburgskoye	805,7	56,9

<sup>\*</sup> Reserves are given in proportion with OAO «Gazprom» share of participation in agreement of joint development of the field.

#### **Audit of resources\*\***

Since 1997, a U.S. firm DeGolyer and MacNaughton, has audited 89% of natural gas reserves, 92% of gas condensate reserves and 64% of oil reserves. The present value of hydrocarbon reserves is assessed at U.S.\$60.7 billion.

#### Licenses

OAO «Gazprom» and its 100%-owned subsidiaries held 120 licenses for the use of mineral resources as of the end of 2003 (compared to 112 licenses in 2002), including 90 hydrocarbon production licenses and 30 geologic examination licenses. Another 34 are held by the companies with various level of OAO «Gazprom» shareholding in their charter capital.

In 2003, Gazprom Group received certificates proving the discovery of 11 fields: Kamennomysskoye-more, Obskoye, Lenskoye, Sredne-Nadymskoye, Yuzno-Pestsovoye, Peschanoye, Svobodnenskoye, Yuzhno-Grivenskoye, Chernoerkovskoye, Severo-Pribrezhnoye, and Vostochno-Pribrezhnoye.

<sup>\*\*</sup> Figures are presented as of 31.12. 2002



#### **Geological Exploration Work and Drilling**

The following fields and deposits were discovered in 2003:

- fields
  - Obskoye gas field, Western Siberia;
  - Yuzhno-Chernoerkovskoye gas-and-oil field, the Krasnodar region;
  - Peschanoye gas-and-oil field, the Krasnodar region,
- deposits
  - oil deposit at the Yamburgskoye field;
  - gas deposit at the Grechanoye area;
  - oil deposit at the Urengoiskoye field;
  - oil-and-gas deposit at the Vostochno-Pribrezhnoye field.

In 2003, geological exploration work was carried out in the traditional gas production areas: Western Siberia, Timano-Pechora Province, the Urals and Privolzhski districts, Krasnodar area, and the Eastern Siberia.

418.3 thousand meters of production wells and 79.5 thousand meters of key, parametric, and exploration wells were drilled in the reporting period. 9,972 running km of 2D and 2,350 square km of 3D seismic surveys were completed.

RR7.9 billion were spent on geological exploration work in 2003; whereas in 2004 this amount is planned to be increased up to RR12.7 billion.

Hydrocarbon reserves increase
due to geological
exploration work, 2003

Natural gas, bcm	426,8
Condensate, mln. tons	0,2
Oil, mln. tons	9,4

The construction of 333 wells was completed including 309 production ones (36 of them being located at the underground gas storage facilities) and 24 exploration ones (4 of them being located at the underground gas storage facilities).

Well construction, units,	
1999–2003	

Year	Total	Production	Exploration
1999	188	161	27
2000	109	89	20
2001	195	157	38
2002	288	242	46
2003	333	309	24

Gazprom is widely using state-of-the-art technologies and telemetric orientation systems, which helped it to drill 22 horizontal wells. Six inactive wells were recovered by drilling the branch holes.

Measures for reducing the cost of well The construction of 333 wells was completed including 309 production ones (36 of them being located at the underground gas storage facilities) and 24 exploration ones (4 of them being located at the underground gas storage facilities).construction at OAO «Gazprom» fields and underground gas storage facilities were carried out in 2003, resulting in a reduction of penetration costs per meter by 18% in exploration well drilling and by 3% in production well drilling.



#### **Shelf**

The basic provisions of the Concept of OAO «Gazprom» work at the Russian shelf were approved in 2003. Within the framework of this Concept, the Program of oil and gas exploration work at sea for the period up to 2030 is being developed, which will define the scope of the required seismic work, engineering studies, and deep-drilling at the shelves of the Barents Sea, Kara Sea, Pechora Sea, Caspian Sea, Black Sea, and the Sea of Azov. On the whole, the implementation of the Concept may result in the increase in OAO «Gazprom» gas reserves by 10–11 tcm and oil reserves by 400 million tons.

The exploration work continued in the Ob bay in 2003. Three exploration wells were drilled using the AMAZONE jack-up floating drilling rig: two of them at the Kamennomysskoye-more field (1,200 m and 1,205 m deep) and one at the Ob area (2,230 m deep).

600 square km of 3D seismic survey was carried out at the Severo-Kamennomysskoye gas field.

The work was continued to develop the Prirazlomnoye field, its development schedule envisaging the maximum annual oil production of 6.58 million tons. The construction of a sea sleetproof drilling platform is being carried out, which is expected to be completed in late 2005.

#### **International Projects**

#### Northern Caspian Shelf

OAO «Gazprom» and OAO «Lukoil» set up OOO «TsentrKaspneftegaz», with each participant of the joint venture owning a 50% stake, to develop the «Central» geological structure in the northern part of the Caspian Sea under the parameters of a Protocol to the Treaty between Russia and Kazakhstan on the demarcation of the seabed in the northern part of the Caspian Sea.

#### Vietnam

OAO «Gazprom» and the General oil and gas company «PetroVietnam» continued their cooperation at Block 112 (Bat Chi structure on the shelf). The project estimate documents were prepared and the first exploration well was started with a scheduled depth of 4,200 m. The depth of the well reached 2,876 m in late 2003.

#### India

OAO «Gazprom» and the state company «Gas Authority of India Ltd.» continued their geophysical survey in the northern part of the Bay of Bengal (Block 26). The materials obtained in the course of the seismic survey were processed and interpreted. A promising area of the block was determined, where the geological exploration work will continue.

#### Iran

Work was completed aimed at developing the second and third phases of the South Pars gas condensate field within the international consortium. OAO «Gazprom» participation in the development of other phases of the field and the construction of a gas pipeline from Iran to Pakistan and further to India is being considered.



#### Strategy of Reserves Incremental Growth and Utilization

Ever more intensive geological exploration work carried out by the Group on its own will promote further development of its mineral resource base in the major gas production regions aimed at creating a unified gas production, transportation and supply system in Eastern Siberia and Far East. The geological and geophysical surveys will be concentrated in the Nadym-Pur-Tazovsky region (including the Ob and Tazovskaya bays), Yamal Peninsula, Barents Sea, Kara Sea, Krasnoyarsk area, Republic of Sakha (Yakutia), Irkutsk region, and other areas; after that licenses will be obtained for the development of the discovered fields.

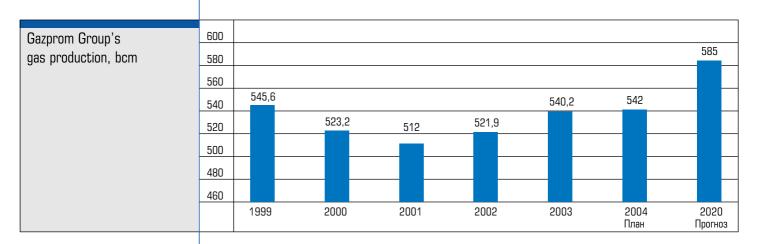
One of the key directions in the strategy of gas reserves incremental growth is the use of the continental shelf resources.

The priorities in gas production at sea lie with the fields in the Ob and Tazovskaya bays. This is due to the considerable amount of resources located in this region (the proved gas reserves exceed 800 bcm), the availability of transport infrastructure at the adjacent land, as well as small depths and distance to the shore. The development of the fields located in the Ob and Tazovskaya bays is scheduled to start in 2009–2010.

#### **PRODUCTION**

Gazprom is the world's largest company in terms of natural gas production (up to 20% in the world and 87% - in Russia).

Gazprom Group produced 540.2 bcm of gas in 2003, which exceeded the 2002 level by 18.3 bcm. Thus, the objective of stabilizing gas production was accomplished. Gazprom moves further on from stabilizing gas production to its growth. In accordance with Russian Energy Strategy the gas production is scheduled to reach 580–590 bcm in 2020.





2003

42

The major gas production growth in 2003 was due to the following:

- the early commissioning of the production facilities at the Zapolyarnoye oil and gas condensate field (the second launch complex of UKPG-2S and the first launch complex of UKPG-3S),
- the connection of 24 wells located at the Tab-Yakhinskaya area of the Cenomanian deposit at the Urengoiskoye field,
- the commissioning of the booster compressor stations at the Yamburgskoye, West Tarkosalinsk, and Yubileinoye fields.

The overall total of one hundred billion cubic meters of natural gas was produced at the Zapolyarnoye field in November 2003.

The Vyngayakhinskoye gas field was commissioned. Using brand-new design solutions and state-ofthe-art technologies made it possible to speed up the design and development, as well as considerably increase the efficiency of the complex combining the Vyngayakhinskoye and Yety-Purovskoye fields. This complex is unique, since the two fields with a 40-km distance between them will be serviced by one state-of-the-art comprehensive gas treatment unit already built at the Vyngayakhinskoye field. In 2005, the complex will reach the design capacity of 20 bcm per year.

The Valanginian gas condensate deposit of the Yen-Yakhinskoye field (the launch complex of UKPG-11V) was commissioned in the end of the reporting year, while 23 wells were connected to UKPG-2V of the Yamburgskoye field, which will make it possible to increase the production and processing of liquid hydrocarbons in Western Siberia.

On the whole, the production of liquid hydrocarbons rose in the reporting year. The production of gas condensate was primarily carried out at the Astrakhanskoye (39%), Urengoiskoye (36.4%), and Yamburgskoye (14.8%) fields. Oil was produced from the crude oil perimeters of the Urengoiskoye and Orenburgskoye fields. Due to OAO «Gazprom» transition to the centralized selling of liquid hydrocarbons since 01.01.2003, software and technical solutions were developed to provide for automatic on-line accounting for the sales made by «Surgutgazprom», «Astrakhangazprom», «Orenburggazprom», and «Kubangazprom».

Gazprom Group's gas production classified by Russian regions and major gas fields, bcm



Gas field	Production
Urengoiskoye	152,4
Yamburgskoye	153,4
Zapolyarnoye	67,5
Medvezhye	28,3
Komsomolskoye	31,9
Astrakhanskoye	11,4
Orenburgskoye	20,2

Gazprom Group's production
classified by types
of hydrocarbons,
1999–2003

	1999	2000	2001	2002	2003
Natural gas, bcm	545,6	523,2	512,0	521,9	540,2
Condensate, mln. tons	9,2	9,3	9,5	9,9	10,2
Oil, mln. tons	0,7	0,7	0,7	0,7	0,8

The production capacities of the Group's companies were as follows as of 31.12. 2003:

- the total of 10,335 wells including 6,447 exploration ones (5,947 of them being active);
- 158 comprehensive and preliminary gas treatment units with a total design capacity of 840.3 bcm per year;
- 40 booster compressor stations (66 workshops) with installed total capacity of 3,704.1 MW;

Gazprom's gas production companies paid special attention to improving the condition of production wells. 571 wells underwent refurbishment in 2003, including 390 ones located in Western Siberia. Work was carried out at the fields in the Western Siberia to intensify the inflow, in particular the hydraulic fracturing of a formation, which resulted in additional production of 1.2 bcm of gas and over 187 thousand tons of liquid hydrocarbons.



Annual report 2003 44

#### REFINING

Natural gas and gas condensate are composite mineral raw materials, the processing of which makes it possible to obtain valuable petrochemical products. The Group's refining capacities as of 31.12.2003 apart from the data related to Sibur Group included 51.0 bcm of natural gas (compared to 49.5 bcm in 2002) and 20.8 million tons of gas condensate and oil (compared to 20.8 million tons in 2002).

Processing of raw materials and production of refining products by Gazprom Group\*, 1999-2003

	Units	1999	2000	2001	2002	2003
Gas processing	million cm	34 832,2	35 287,8	34 647,9	34 150,8	33 750,6
Initial gas condensate (oil) processing	thousand tons	4 950,4	4 880,8	4 965,9	5 115,4	5 302,4
Unstable gas condensate processing	thousand tons	8 981,9	9 064,4	9 347,8	9 328,7	9 517,6
Refined products:						
Benzine	thousand tons	1 103,1	1 124,5	1 215,8	1 400,1	1 842,0
Diesel fuel	thousand tons	1 521,1	1 512,6	1 617,4	1 570,7	1 542,7
Furnace fuel oil	thousand tons	358,1	379,9	384,4	374,1	390,6
Liquefied gas	thousand tons	1 363,7	1 834,2	2 111,1	1 935,6	2 081,6
Stable condensate and oil	thousand tons	6 483,2	6 643,2	6 683,4	7 269,2	7 334,2
Ethane	thousand tons	310,6	302,1	285,9	290,2	283,6
Helium	thousand cm	4 627,9	5 274,1	5 335,7	6 291,3	6 473,7
Sulfur	thousand tons	4 067,7	4 484,1	4 694,7	4 976,0	5 112,3
* Excluding Sibur Group shown below, and excluding third party inputs						

The following types of work were carried out in 2003 at the facilities engaged in the processing of gas, gas condensate, and oil.

#### «Astrakhangazprom»:

- reconstruction of gas condensate processing facilities at the gas refinery;
- construction of underground storage facilities for liquid hydrocarbons at the gas chemical plant;
- completion and implementation of the system of production environmental monitoring.

#### «Orenburggazprom»:

- improvement of obsolete and worn-out production equipment (pumps, heat-exchange equipment, contact devices of the absorbers used at gas cleaning and drying units);
- construction and installation work envisaged by the Measures for receiving and processing up to 7 bcm of gas per year from the Karachaganakskoye field;
- commissioning of the first launch complex of the system of production environmental monitoring at the gas chemical plant;
- reconstruction of the fire-fighting system at gas refinery's units;
- reconstruction and replacement of the technologic pipelines of the gas refinery and the helium plant.

#### «Surgutgazprom»:

construction of engine fuels conditioning unit LKS 35-64 with the following objects having been constructed and commissioned:



- jet fuel hydrofining section;
- diesel fuel deparaffination section;
- jet fuel tank farm with engineering networks and an overpass

#### «Severgazprom»:

construction of engine fuels conditioning unit LKS 35-64 with the following objects having been constructed and commissioned:

#### **Sibur Group**

Sibur Group is the leading Russian producer of petrochemical goods, its share in the Russian production of synthetic rubbers being 48%, that of polyethylene - 18%, and that of liquefied hydrocarbon gases - 31%. Sibur Group also produces plastics designed for various purposes, packing and finishing materials, components for high-octane gasoline, and other products needed for the production and use of motor cars, agricultural and construction vehicles, planes and spacecraft.

Major types of products
produced by Sibur Group,
2000–2003, thousand tons

	2000	2001	2002	2003
LNG	1 603	2 130	1 667	2 481
Monomers and monomer fractions	704	899	1 106	1 788
Synthetic rubber	297	464	314	519
Polymers	264	359	220	370
Products of organic synthesis	230	538	332	660
Fuel and components	1 072	911	408	405
Tires (thousand units)	10 500	15 458	3 306	17 578

Sibur Group sells its products in Russia and abroad, in particular in China, Finland, and Baltic states. The Chinese market of petrochemical products is considered to be one of the key aspects in Sibur Group's foreign trade activities.

#### TRANSPORTATION AND STORAGE

#### **Unified Gas Supply System (UGSS)**

In 2003, UGSS functioned without any interruptions, continuously supplying gas to Russian consumers and gas-consuming industries of the national economy, and transporting natural gas abroad.

The total length of the trunk pipelines and pipeline branches was 153.8 thousand km as of late 2003. The length of the product pipelines within UGSS was 5.0 thousand km.

UGSS includes 264\* compressor stations (compared to 256 in 2002). The total capacity of gas pumping units installed at compressor stations is 43.8 million kW.

<sup>\*</sup> Taking into account compressor station put in and out operation during 2003



2003

46



The UGSS pipelines received 674.1 bcm of gas in 2003, including 521.2 bcm from OAO «Gazprom» subsidiaries engaged in gas production.

30 independent gas suppliers used OAO «Gazprom» gas transportation system in 2003, which accounted for 14.2% of gas transported through UGSS. The independent suppliers provided a total of 95.4 bcm of gas, including 44.1 bcm of transit gas from Central Asian republics.

Over 14% of trunk pipelines are aged less than 10 years, 38% are aged between 11 and 20 years, and 30% are aged between 21 and 33 years. In the reporting year, Gazprom continued implementing its Comprehensive program of reconstruction and technical refurbishment of trunk transportation facilities for the period from 2002 through 2006. The capital investments into the facilities under reconstruction totaled RR14.6 billion in 2003.

18 planned and two additional preventative maintenance programs were carried out in 2003 to repair 1,350 km of gas pipelines, 212 underwater crossings, and 544 gas distribution stations and to diagnose the equipment at 158 compressor stations. 20 thousand km of gas pipelines underwent pipe flaw detection; 26.7 thousand km underwent surveys based on electrometric methods, and 1,356 lines of underwater crossings were inspected. This work resulted in a lower number faults, which decreased from 0.21 per 1,000 km in 2002 down to 0.18 in 2003.

#### **Underground Gas Storage Facilities (UGSF)**

Underground gas storage facilities make it possible to considerably lower the possibility of crisis situations in gas supply to the country and to ensure continuous export supplies.

24 gas storage facilities were operated as of late 2003: 7 in water-bearing structures and 17 at depleted fields. All the underground storage facilities are located either as close as possible to the major consumers or in the tie points of the gas transportation system making it possible to promptly direct gas flows in any situation.

In the reporting year, gas started being pumped into the Karashurskoye UGSF (Udmurt reserving complex operated by «Permtransgaz») and Musinskoye UGSF (Kanchurinsko-Musinsky underground gas storage complex operated by «Bashtransgaz»).

8 UGSF either planned or currently under construction: the Udmurt reserving complex of UGSF (including Novotroitskoye, Chezhibashevskoye, and Severo-Chezhibashevskoye), Bednodemyanovskoye, and Shatrovskoye — in water-bearing structures; Talovskoe — at the depleted fields; Kaliningradskoye, Volgogradskoye, Bereznikovskoye, and Novomoskovskoe — in rock salt formations.

The volume of gas retrieved from UGSF was 42.8 bcm in 2003 (compared to 40.4 bcm in 2002), including 40.4 bcm of that from UGSF in Russia (compared to 38.4 bcm in 2002). The volume of gas pumped into UGSF reached 56.3 bcm in 2003 (compared to 45.7 bcm in 2002), including 49.4 bcm of that into UGSF in Russia (compared to 42.2 bcm in 2002). The maximum daily retrieval from UGSF was achieved in the beginning of the 2003–2004 season and amounted to 509 mcm per day.



Годовой отчет 2003 48

#### **«Gasification» of Russian Regions**

Gazprom supplies natural gas to consumers in 61 Russian regions through over 3.5 thousand pipeline branches, which are about 40 thousand km long. 23 pipeline branches were built in 2003 with the total length of 354 km.

The Group exerts control over 114 and has shareholding in 71 gas distribution organizations (GDO) which run 403 thousand km of distribution pipelines (75% of the total length of Russia) and supply the consumers with over 160 bcm of gas per year (58% of gas supplied by all the Russian-based GDO). Almost 70% of gas is received by Russian population through Gazprom Group's gas distribution networks.

The capital expenditures into the development of Gazprom's gas supply systems totaled RR3.52 billion in the reporting year. These funds were used to build 1,800 km of gas distribution pipelines in 34 Russian regions and to gasify over 300 settlements.

The Concept of OAO «Gazprom» participation in construction of low pressure pipelines («gasification») of the regions of the Russian Federation was approved in August 2003.

The implementation of the Concept will contribute to better payment discipline of the ultimate consumers. «Gasification» is defined in the Concept as the key aspect of OAO «Gazprom» regional policy, which provides a solution to such strategic objectives as entering the ultimate gas consumers market, active participation in the construction and operation of the gas distribution networks, implementing new improved technologies for gas utilization, and creating the unified market for fuel and secondary energy resources. These objectives can only be implemented through mutually beneficial cooperation with the administration of the subjects of the Russian Federation. Currently, there are contracts signed with 21 regions for their «gasification».

«Gasification» requires not only the construction of networks, but also the increase in gas consumption in the Russian Federation. Consequently, new directions of gas utilization are developed: the transfer of motor cars to gas motor fuel, the construction and operation of the gas filling stations, and the development of «small-scale power industry» and processing plants.

The volumes of compressed natural gas used as engine fuel keep growing during the past several years: the amount of gas sold through automobile gas-filling compressor stations (AGFCS) in Russia doubled from 1999 through 2003 reaching 140 mcm. Replacing liquid engine fuels used for motor vehicles with natural gas allows decreasing the hazardous emissions into the atmosphere almost 5 times and halving the fuel costs.

207 AGFCS were built in Russian cities, towns, and villages by 2004, 183 of them - by Gazprom Group; these stations can provide motor cars with nearly 2 bcm of gas per year, which is equivalent to 1.5 million tons of liquid fuel. Over 40 thousand vehicles were transferred to natural gas in Russia, including over 18% of Gazprom's own vehicles.

#### Relationships with Regional Authorities of the Russian Federation

A new edition of the Concept of OAO «Gazprom» regional policy was approved in 2003. It lays down the major principles, aspects and mechanisms of interaction with the subjects of the Russian



Annual report 2003 48

> Federation. The purpose of the regional policy is to create economic, legal and organizational environment for continuous functioning of the Unified Gas Supply System based on mutually beneficial cooperation between OAO «Gazprom» and the subjects of the Russian Federation.

> The regulatory basis for the interaction with the regions is built on cooperation agreements between OAO «Gazprom» and the administration (government) of the subjects of the Russian Federation. 71 such agreements have been signed so far.

#### **TECHNOLOGICAL COMMUNICATIONS**

The unified technological communications network is an integral part of Gazprom Group's multi-level management system providing for reliable, state-of-the-art and high-quality transfer of all types of information in the Group's interest.

In 2003, Gazprom restored and constructed 700.3 km of digital radio-relay communications lines and 1,357 km of fiber-optic communications lines, commissioned 35 digital automatic telephone stations, 8 base trunking radio stations, and 1,015 radio stations designed for various purposes.

#### **Unified Technological Communications Network:**

- 84.9 thousand km of trunk cable communication lines;
- 20.5 thousand km of multi-channel radio-relay lines;
- 733 communications centers;
- 371 base and 22.5 subscriber mobile trunking radio stations;
- communications satellites: «Yamal-100» satellite, two «Yamal-200» satellites:
- 123 earth stations providing for satellite communications;
- 719 automatic telephone stations with the total capacity of 304.3 thousand numbers;
- unified departmental network for data transmission;
- Internet center.

Two «Yamal-200» satellites were launched, which increased the capacity of the "Yamal" system 7.6 times and considerably broadened its coverage area and throughput capacity.

Nearly one quarter of the «Yamal-200» satellites capacity will be used in Gazprom's interests. The remaining part of the capacity will be provided for commercial use to Russian state, departmental and commercial structures as well as foreign telecommunications companies.

#### **AUTOMATION, METROLOGY, AND GAS QUALITY CONTROL**

In 2003, Gazprom commissioned 11 automatic systems for technological processes control at the production, processing, transportation, and underground gas storage facilities, 57 automatic systems for units and workshops at the newly constructed compressor stations, and 136 ones at the compressor stations under reconstruction.

Gazprom equipped 3.7 thousand km of trunk pipelines and pipeline branches with remote control systems, commissioned 13 control units, 49 linear checkpoints at gas pipelines and 61 remote control checkpoints at gas distribution stations, as well as the first stage of a remote control system for managing clusters of gas wells of UKPG-2S at the Zapolyarnoye field.



Automatic systems for technological processes control of the 1U172, 3U172, U171, U182 units were reconstructed and commissioned on the first stage of the Astrakhan GR.

The following automatic systems for technological processes control were launched into test operation: GRP-1 of the Severo-Stavropolskaya underground gas storage station («green suite»), GSP-5 of the Nevskaya underground gas storage station, and GSP-6,7 of the Kanchurinskaya underground gas storage station. Automatic systems for technological processes control of the GRP No.2 of the Peschano-Umetskaya underground gas storage station were commissioned.

Gazprom has developed and is implementing programs for the creation of metrological flow-measuring centers in «Mostransgaz» and «Uraltransgaz», reconstruction of OAO «Gazprom» GMS in accordance with ISO 5167-2003, technical re-equipment of OAO «Gazprom» GMS and chemical analytical laboratories with the state-of-the-art measuring devices for gas flow and quality.

Three GMS were commissioned along the Zapolyarnoye-Urengoi system of trunk pipelines, as well as two gas measuring stations along the trunk pipeline «Blue Stream», automatic systems for technological processes control at the «Aleksandrov Guy» GMS, and a unit to account for unstable condensate at UKPG-11V.

The test samples of the portable dew point analyzer (for humidity and carbohydrates) «KONG-Prima-4P» underwent state tests. The device was entered into the State Register of Measuring Devices of the Russian Federation.

#### **ENERGY PRODUCTION AND CONSUMPTION**

Gazprom Group consumed 18.9 billion kWh of electric power (including 1.4 billion kWh of that produced on its own) and 27 million Gcal of heat.

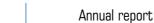
Gazprom is the leading company in Russia in the field of «small-scale power industry». The electric power produced at the Group's power stations more than tripled during the past 10 years.

The Group operates the following:

- $\blacksquare$  over 11 thousand electric power substations with the voltage varying from 6 to 110 kV more than 11 000 units:
- over 84 thousand km of cable and aerial power transmission lines;
- over 230 thousand electric driven vehicles with the total power capacity exceeding 12 million kW;
- 1,700 power stations used for its own needs with the total power capacity of 1.43 million kW;
- over 4,200 boiler units with the total power capacity of 14.6 thousand Gcal per hour.

Reliable operation of power equipment contributed a lot to the precise functioning of UGSF.

Gazprom launched the following stations in 2003: gas-driven reciprocating power stations with the power capacity of 6.3 MW at the «Stavropolskaya» compressor station and that with the power capacity of 22 MW at the «Purtazovskaya» compressor station; energy facilities at comprehensive gas treatment unit («UKPG-3S») at the Zapolyarnoye oil and gas condensate field, UKPG-11V at the Yen-Yakhinskoye oil and gas condensate field and the «Salskaya» compressor station.



2003

50

#### IMPLEMENTATION OF SCIENTIFIC ACHIEVEMENTS AND DEVELOPMENTS

Research and development (R&D) expenditures by OAO «Gazprom» totaled RR\$2.1 billion in 2003, with Gazprom Group's scientific and research organizations accounting for R&D RR\$1.7 billion of that amount.

It was for the first time that OAO «Gazprom» made up a draft portfolio of promising intellectual property objects. The portfolio contains 38 intellectual property objects, which being implemented within Gazprom Group produce annual economic effect in excess of RR675 million.

More active R&D work in Gazprom allowed to increase the number of intellectual property objects used in production 1.6 times (with the annual economic effect of RR780 million) and the number of proposed innovations 1.2 times (with the annual economic effect of RR840 million).

A work schedule was developed in 2003 along with the beginning of the implementation of the General development framework for the gas industry for the period up to 2030, which is intended to provide for Gazprom's sustainable development, improve the reliability of gas supply to local and foreign consumers and optimize the timeframes for commissioning new gas production, transportation and processing facilities.

Comprehensive due diligence and investment research was carried out to define the strategy for the development of new fields on the shelf belonging to the Russian Federation, the reconstruction of existing and creation of new production facilities to process hydrocarbons for the period up to 2010, and the production of gas motor fuel at the Group's refineries.

It was for the first time that Gazprom launched practical work to enhance utilization of non-traditional gas resources. New technologies for drilling wells at methane-and-coal fields may result in decreasing costs incurred on their development by 25 to 30%.

The electric power saving Program for the period from 2004 through 2006 was developed, which would allow saving of up to 1,793 million kWh of electric power.

The optimization of the production capabilities the active production wells resulted in additional 8.7 bcm of gas produced from the Cenomanian deposits at the Medvezhye and Zapolyarnoye fields, which is worth RR1,285 million.

The implementation of the newly developed compositions of grouting mortars and drilling fluids and the improvement of the technology used for the construction and refurbishment of the wells resulted in savings worth RR147.5 million.

The development and utilization of the new estimation and regulatory basis for design and construction allowed decreasing the cost of contractual work by RR1.25 billion in the construction of eight gas industry objects alone.

Taking into account considerable energy intensity of the gas transportation system, a key place in the R&D policy is allocated for the development of high-efficient gas turbine drives for gas pumping units, which would meet the present-day world level in terms of efficiency, reliability and environmental safety. New-generation gas pumping units produced based on Gazprom's order have the efficiency level of 36% or higher, their nitrogen oxides emissions are within 150 mg per



cubic m, while their carbon oxide is less than 300 mg per cubic m, which is in line with the Russian standards.

The issue of ensuring reliable use of the Unified Gas Supply System is of great importance. Work was continued in 2003 to create high-sensitivity and high-resolution devices for pipe flaw detection, which would provide for diagnostics without decreasing the gas pipelines throughput capacity and accurate topographical positioning of the identified defects.

The industry system of equipment diagnostic servicing makes it possible to launch repair and maintenance work depending on the actual technical condition of the equipment, which ensures its reliable operation and minimizes costs. The development of this system in 2003 resulted in diagnostics of technology equipment and pipelines of 672 compressor workshops (97% of their total number), 370 gas pumping units, and over 1.5 thousand km of underground pipelines. The system helped preventing 144 faults in the compressor station equipment in 2003.



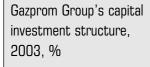
## INVESTMENT ACTIVITIES

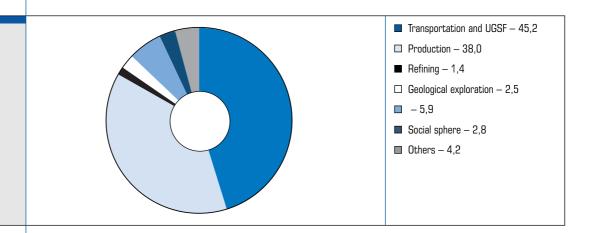
Investment activities were performed in 2003 in accordance with the Group's development strategy.

Major investments were made in the reporting year into the implementation of transportation projects (45.2%): «Yamal-Europe» and «Blue Stream», the construction of pipelines connecting Northern Areas of the Tyumen Region and Torzhok, Zapolyarnoye and Urengoi, as well as the development of Zapolyarnoye, Yamburgskoye, Urengoiskoye, Yamsovieyskoye, Yubileinoye, Pestsovoye, Yety-Purovskoye and other fields.

Gazprom capital expenditures amounted to RR173,704 million (exclusive of VAT) in 2003 accumulated from all its sources of finance. Over the past two years Gazprom's capital expenditures grew up by almost 45%.

Fixed assets were commissioned for the total of RR175.1 billion (exclusive of VAT) in 2003. Construction-in-progress was brought down by RR3.6 billion compared to 2002 and was RR176.8 (exclusive of VAT) as of 01. 01. 2004.





Gazprom's investment activities are aimed at accomplishing the following objectives:

- till the year 2010, most part of capital investments will be related to the development of the transport infrastructure due to the need to broaden and diversify export routes and improve UGSS.
- after 2010, the focus will move to the investment into the production due to the active development of fields located on the Yamal Peninsula and more active geological exploration work.

#### **GAZPROM'S LONG-TERM STRATEGIC INVESTMENT PROJECTS**

#### **Projects Aimed at Expanding Mineral Resource Base**

Gazprom's objective is to bring gas production volume up to 580–590 bcm by 2020. This objective can be accomplished through taking the following measures:

- commissioning new fields, which are ready for development;
- ensuring incremental growth of reserves through carrying out geological exploration work in the Nadym-Pur-Tazovsky region, which is the major gas production region;
- developing new promising gas production areas, in particular the fields located on the Yamal Peninsula;
- participating in gas production projects in Eastern Siberia.

The tactical solution for accomplishing the objective to provide for the required gas production volume for the 7 or 8 years to come is to commission comparatively small satellite fields located



ZPROM Annual report 2003 53

close to the infrastructure created for large-scale fields (such as Medvezhye, Urengoiskoye, Yamburgskoye, and Zapolyarnoye).

The strategic solution for maintaining the required production volume in the long-term period is to develop new gas production areas, such as the Yamal Peninsula, the fields located in the Ob and Tazovskaya bays, the shelf in the northern seas (primarily the Shtokmanovskoye field), Eastern Siberia, and Far East.

#### 1. Program for Development of Gas Resources at Yamal Peninsula

The Yamal Peninsula was classified as the region of the Group's strategic interest and the primary target for developing fields in the long-term period. The explored gas reserves at the Yamal Peninsula total 10.4 tcm. Gazprom holds licenses to use the reserves of the Bovanenkovskoye, Kharasaveiskoye, and Novoportovskoye fields with the explored gas reserves totaling 5.8 tcm. The commissioning of the above fields will result in the production of 178 bcm of gas, about 3 million tons of gas condensate and 4.5–6 million tons of oil per year. The efficiency of investments into the development of the Bovanenkovskoye field and gas transportation is being contemplated; after the appropriate document is approved an investment decision is to be taken to develop the fields at the Yamal Peninsula.

#### 2. Developing Hydrocarbon Reserves in Eastern Russia

As per the regulation of the Russian Government, OAO «Gazprom» is the coordinator of the Program for the development of gas resources in the Eastern Siberia and Far East, creation of the gas supply system for the eastern regions of Russia and establishing a unified export channel for gas supply to the markets of the countries in the Asian and Pacific Region. Therefore, one of OAO «Gazprom» strategic tasks is to expand its activities to the east of Russia.

The development of Gazprom's production activities in the eastern regions of the country provides tangible opportunities for long-term cooperation with China, Korea, and Japan.

#### **Projects for Development of Transnational Euro-Asian Gas Transportation System**

The development of a transnational Euro-Asian gas transportation system consisting of Russian UGSS and export trunk pipelines connected thereto is the basis for increasing gas supply both to Russian consumers and abroad. During the period up to 2010, the investments envisaged for the development of gas trunk pipelines will be mainly focused on the following construction projects.

#### 1. Yamal-Europe

The concept of the «Yamal-Europe» gas pipeline construction envisages step-by-step commissioning of segments of the gas transportation system (including compressor stations) using the existing gas transportation facilities based on the market requirements before the whole system is launched into operation.

The gas pipeline construction is coming to an end. Parts of it are already functioning in Germany, Poland, and Belarus. The linear part of pipeline in Russia from Torzhok to the Belarus border is scheduled to be completed by late 2004. The construction of all the compressor stations along the part from Torzhok to the Polish border is to be completed in 2005. The completion of the



pipeline from Torzhok to the Polish border will require about RR11.6 billion.

Whether the construction of the second line of the «Yamal-Europe» gas pipeline is worthwhile will be determined based on the economic efficiency of such expansion and the future demand for the gas in Europe.

#### 2. «North European Gas Pipeline»

OAO «Gazprom» Management Committee took a strategic decision in late 2002 to launch the construction of the «North European Gas Pipeline», which will run under the Baltic Sea from the Russian town of Vyborg to the German coast and further on to the UK. The undersea part of the gas pipeline is expected to be 1,189 km long. The construction costs are estimated at U.S.\$5.7 billion. The design capacity is about 20 bcm of gas per year. This gas pipeline will directly connect the Unified Gas Supply System of Russia with consumers in the Western European countries. The Yuzhno-Russkoye field is currently defined as the resource base for this gas pipeline.

The construction of the «North European Gas Pipeline» is expected to be completed within 4 years. The project enjoys European Union support, which designated it a high priority European project in the Trans-European Gas Network, thus helping to secure long-term financing for the project. Major oil and gas companies such as «Fortum Corporation», «Gazunie», «Royal Dutch/Shell», «BP», «Ruhrgas», «Total» and «Wintershall» have expressed interest in participating in this project.

#### 3. West-East Project

OAO «Gazprom», «Shell», and «ExxonMobil» signed a framework agreement with «PetroChina» in 2002 to create a joint venture for the «West-East» pipeline project across China. The project envisages the production of natural gas in China, the construction and operation of a gas pipeline, and the sale of gas in the Eastern Chinese market. In 2003, Gazprom negotiated with «PetroChina» about the terms and conditions of participation in the «West-East» project. The deadline for the negotiation process has not been fixed yet.

#### **Export Routes Diversification Projects**

OAO «Gazprom» strives to diversify its activities and expand the range of its products and services. Thus, the development of technologies for producing liquefied natural gas and liquid fuels is viewed as promising directions.

#### 1. Production of Liquefied Natural Gas and Gas-to-Liquid Conversion Technology

The trends in the world's gas consumption market development evidence the need to develop the liquefied gas industry on a large scale. As of now, there is no industrial production of liquefied natural gas (LNG) in Russia. Meanwhile, large-scale LNG production may provide for direct gas export rather than through third countries, which will make it possible not only to raise the reliability of gas supply to the European market, but also to enter the promising U.S. market.

In 2003, OAO «Gazprom» was contemplating the draft measures for the development of production and sea transportation of liquefied and compressed gas. Gazprom contacted the companies offering their expertise, technical and financial resources to implement the projects of production and sea transportation of liquefied natural gas, in particular Norwegian companies



2003

55



«Knutsen OAS Shipping» and «Bergesen AS Shipping», French company «Gas de France», Japanese company «Sumitomo Corporation» and American company «ConocoPhilips».

#### **Cooperation Development Projects**

#### 1. International Consortium for Managing and Developing Ukraine's Gas Transportation System

Ukraine is a major transit country for Gazprom's gas export to Europe. 80% of gas is transported through its territory. Therefore, Gazprom is very much interested in improving and maintaining its trunk pipeline system.

The key objectives for the consortium creation are:

- transporting gas and ensuring reliability, safety and continuity of the Ukraine's gas transportation system functioning;
- establishing new competitive gas transportation facilities in the Ukrainian territory;
- ensuring economically efficient use and operation of the Ukraine's gas trunk pipeline facilities and underground gas storage facilities;
- attracting investment resources required for the improvement and development of the Ukraine's gas transportation system.

The consortium creation underwent its due diligence study stage in 2003.

#### 2. Projects in Central Asia

Natural Gas Purchase

Following the strategy to diversity its export portfolio through gas import from Central Asian countries, OAO «Gazprom» signed a number of long-term agreements for the purchase of natural gas in Uzbekistan and Turkmenistan to compensate for the decline in the production of the «old» fields before commissioning the new production areas. Natural gas started being purchased in Uzbekistan since May 2003. Uzbekistan supplied 1.3 bcm of gas in 2003 and is scheduled to supply 7 bcm in 2004. The supply volume may increase up to 10 bcm per year starting from 2005.

The Presidents of the Russian Federation and Turkmenistan signed a long-term (25-year) Agreement on Cooperation in Gas Industry in April 2003, which took effect from January 1, 2004. Within the framework of the above Agreement contracts were signed with Turkmenneftegaz for the purchase of 5 to 6 bcm of Turkmen natural gas in 2004, with the possible supply volume expected to grow up to 70-80 bcm per year starting from 2009.

OAO «Gazprom» signed an Agreement on cooperation with the Government of Kyrgyzstan. Within the framework of the Agreement the parties developed and approved the Plan for Key Joint Activities, which envisages working out the forms of the parties' interaction in the course of their joint activities in following areas: reconstruction, construction, and operation of Kyrgyzstan's gas transportation system facilities, joint exploration and development of fields, provision of maintenance services to the Kyrgyz party, and recovery of an underground gas storage facility located in the republic. In addition, the Kyrgyz authorities took a decision to transfer the controlling stateowned shareholding in Kyrgyzneftegaz to OAO «Gazprom» for trust management. The terms and conditions of the deal are being contemplated in OAO «Gazprom».



#### Geological Exploration

The possible participation in geological exploration and gas production in Central Asia is related to the investment projects in the Ustyurt region of Uzbekistan to be implemented on the basis of production sharing agreements. As was agreed upon, the parties to the production sharing agreements will be the Republic of Uzbekistan and the consortium of OAO «Gazprom» (or its affiliated company ZAO «Zarubezhneftegaz») and National Holding Company «Uzbekneftegaz» or their possible legal successors. One of the most promising projects in the Ustyurt region is the project for the additional development of the Shakhpakhty field to be implemented on the basis of a production sharing agreement in accordance with Resolution of the Uzbekistan Cabinet of Ministers No.418-F dated 22.07.2003. The feasibility study for the project has been completed

#### Development of Transport Networks

To fulfill its obligations under long-term contracts signed with Turkmenistan, Uzbekistan, and Kazakhstan for the purchase and transportation of gas from these countries in increasing volumes, OAO «Gazprom» has set an objective of upgrading gas transportation facilities, in terms of their throughput capacity and reliability, in these countries. Therefore, implementing a set of measures aimed at reconstruction and expansion of the «Middle Asia — Center» (MAC) gas transportation system is one of OAO «Gazprom» priorities in Central Asia. Outside Russia, MAC runs through the territories of Turkmenistan, Uzbekistan, and Kazakhstan. Its current throughput capacity is estimated at around 50 bcm per year (compared to its design capacity of 68.8 bcm per year).

The key objectives within this project are to inspect the technical condition of the system and work out the options for its further development.

OAO «Gazprom» investment program for 2004 envisages investing RR500 million into the MAC development project in Uzbekistan. The possible options and mechanisms for using these funds are being developed. Service contracts have been prepared for signing, according to which OAO «Gazprom» subsidiaries are to inspect the condition of the gas transportation system in Uzbekistan.

One of the crucial issues related to the activities in Central Asia is the audit of Turkmen gas reserves, which are the core of the resource base for the project of MAC expanding project and, therefore, an important factor in taking decisions as to the investments into the project. As agreed upon with the Turkmen party, the results of the reserves audit carried out by an independent international company are to be provided to OAO «Gazprom» in September 2004.

#### Gas Processing

As of now, the crude gas produced at the Karachaganakskoye field in Kazakhstan is purchased by the Russian-Kazakh joint venture ZAO «KazRosGaz» (every participant of it owning a 50% stake) in the amount of 7 bcm from «Karachaganak Petroleum Operating», which operates the development of the Karachaganakskoye field, processed at the Orenburg GR and sold in the domestic Kazakh market (over 0.5 bcm) and in the foreign markets (5.3 bcm).

#### RAISING FINANCING FROM INTERNATIONAL MARKET

Gas industry is characterized by long investment cycle and high capital intensity. The investment projects implemented by Gazprom Group in gas production, as well as establishment and mainte-



nance of transportation infrastructure are unique in terms of their scope. The global nature of the projects requires adequate capital expenditures. Unfavorable geographic location of the gas fields and their remotness from the major consumption areas should also be taken into account.

To implement the projects related to the development of new fields (Eastern Siberia), the large-scale foreign projects («West-East» project), and gas processing projects (AK «Sibur») Gazprom intends to use all the available forms of financing, such as project finance, participation of third parties, as well as joint-ventures with foreign partners.

OAO «Gazprom» applies certain requirements to the terms and conditions of financing its projects. In taking an investment decision for specific projects OAO «Gazprom» considers certain parameters related to the return on capital, and, if borrowed funds are used, the cost of using such funds shell not exceed the rate of return on capital.

Working to decrease the financing cost and the company's risks, OAO «Gazprom» strives for diversifying the sources of borrowings. In the reporting year, Russian and international public markets as well as loans became the sources of capital for the OAO «Gazprom».

#### **Russian Public Market**

In 2003, Gazprom prepared the issue of the third rouble-denominated 3-year bond loan for the total of RR10 billion. The issue was placed later on (in early February 2004), after the conditions for entering the market had improved. The results of the placement proved that the decision to delay the issue was right: the annual effective yield was 8%, which was considerably lower than the yield prevailing at the market during the period, for which the initial placement had been scheduled, and much lower than the expected inflation rate this year.



#### **International Public Market**

The list of OAO «Gazprom» international loans is quite extensive already. Two issues were placed in 2003. 10-year loan participation notes issued under Rule 144A were placed in February of the reporting year with the investors from the USA (50%), Europe (30%), and Asia (10%) The International Financial Review rated this bond issue as number one in «Emerging Market Bond» and «EEMEA (Eastern Europe, Middle East and Africa) Bond» nominations in 2003. This issue also received prestigious awards from the «Euroweek» and «Euromoney» magazines.

OAO «Gazprom» international borrowings		Volume	Tenor	Date of issuance	Interest	
	Raised in the reporting year					
	Loan participation notes issued under Rule 144A	U.S.\$1,75 bln.	10 years	February 2003	9,625 %	
	Loan participation notes issued under EMTN Program	1 billion Euros	7 years	September 2003	7,8 %	
	Raised earlier					
	Loan participation notes issued under Rule S	U.S.\$500 mln.	5 years	April 2002	9,125 %	
	Loan participation notes issued under Rule S	\$700 mln.	7 years	October 2002	10,5 %	

In the framework of the program of its medium-term borrowings OAO «Gazprom» placed its 7-year loan participation notes for a total of 1 billion Euros.

Thus, OAO «Gazprom» initiated a number of landmark corporate borrowings in the Russian capital market during the past two years, which considerably influenced the formation of the Russian market. As it was once true for the Russian corporate bonds market, OAO «Gazprom» bonds are currently one of the most liquid corporate securities in emerging markets and serve as a benchmark for other horrowers and investors

#### Loans

During the past year, Gazprom also used sindicated loans to finance its projects. Listed below are the major loans attracted by OAO «Gazprom» in 2003. The loans, which were received and repaid within one reporting calendar year, are not shown.

Based on OAO «Gazprom» decision to limit the use of promissory notes as a borrowing instrument,

Major loans attracted by OAO «Gazprom», 2003	Creditor	Volume	Tenor	
	«Sberbank of RF» (total credits)	RR19,8 bln.	Under 1 year	
	AB «Gazprombank»	RR3 bln	Under 1 year	
	ABN AMRO Bank	U.S.\$100 mln.	Under 1 year	
	Depfa Bank	U.S.\$500 mln.	5 years	
	West LB Bank	U.S.\$215 mln.	2 years	
	DeucheBank (total credits)	U.S.\$300 mln.	3 years	
	HSBC Bank	U.S.\$100 mln.	1 year	
	Credit Swiss First Boston	U.S.\$100 mln.	1 year	
	Commerz Bank	U.S.\$300 mln.	6 years	

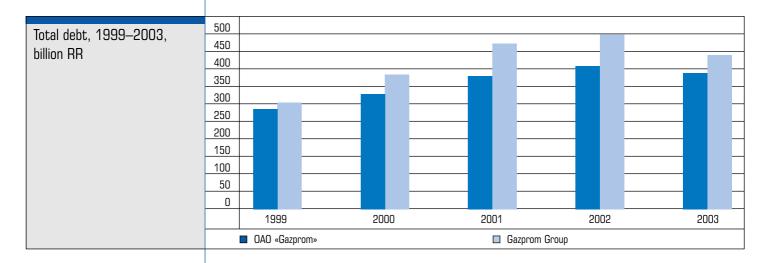
this instrument was not used in the reporting year.

In the course of year, implementing measures to decrease the cost of borrowings, OAO «Gazprom»



carried out considerable work with rating agencies. This work resulted in obtaining a credit rating with the international rating agency «Fitch Ratings» on September 16, 2003. OAO «Gazprom» was assigned the rating «BB». On November 24, 2003, the rating agency «Standard and Poor's» raised OAO «Gazprom» credit rating to «BB-». At the time the Company was assigned the ratings, they were one notch lower than Russia's sovereign rating, according to the agencies' rating scales.

#### **Debt features\***



The funds raised in 2003 allowed Gazprom to cover its current working capital needs, as well as to refinance its short-term ruble-denominated debt whith cheaper foreign currency-denominated loans and considerably improve the debt portfolio structure. As the result, the share of OAO «Gazprom» debt maturing within one year decreased to 33.7% in late 2003 (compared to 41.0% in late 2002). The share of debt maturing in more than 5 years grew up to 30.9% of the debt portfolio in 2003 (compared to 10.1% in 2002).

The total amount of OAO «Gazprom» debt decreased from RR408.0 billion in 2002 down to RR382.7 billion in 2003, i.e. by RR25.3 billion (or by 6.2%). Gazprom Group's debt decreased 11.2% down to RR445.5 billion as of the end of the reporting year.

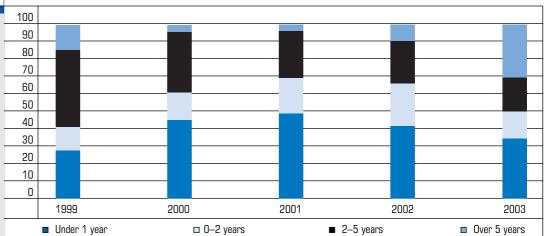
In spite of the fact that the absolute debt figures seem to be high, this debt burden is more than acceptable for a company of OAO «Gazprom» scale, which is confirmed by the relevant ratios. Thus, OAO «Gazprom» debt to capital ratio went down from 25.0% as of the beginning of the reporting period to 22.0% as of the year-end.

In addition, during the reporting period Gazprom also managed to considerably prolong the maturity of significant part of its debt. In the future, Gazprom intends to pay increased attention to the debt level, following the principles of limiting the debt burden, diversifying the debt portfolio by type of instruments, maturity and currency of borrowings, decreasing the cost of borrowings, and leveling the payment's peaks burden in the context of the Gazprom's balance of payments.

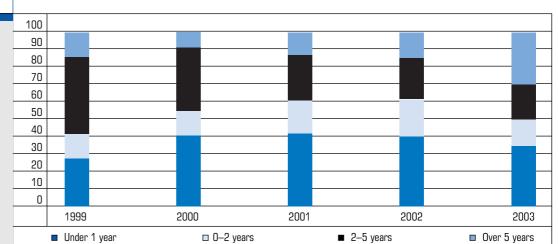
In this section the «debt» refers to a conventional amount representing the sum of long-term and short-term loans, long-term and short-term promissory notes issued, and restructured debt to the budget, which is calculated based on the relevant accounting (financial) statements, except for Gazprom Group figures as of 31.12.2003, which are specified in the database for operational data. Figures set forth in the Charts below are as of December 31 of respective year.



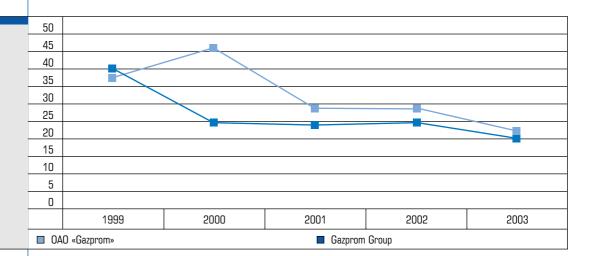




Gazprom Group's debt structure classified by maturity, 1999–2003, %



Debt to capital ratio, 1999–2003, %





# SURVEY OF GAZPROM'S MARKETS

#### **OVERVIEW OF WORLD AND REGIONAL GAS MARKETS**

Estimated growth rates of energy consumption in the world for the period up to 2025 vary from 2% to 2.8% per year depending upon the economic growth rate.

Oil and natural gas are expected to remain the primary sources of energy at least up to the year 2025. However, the «golden age» of oil is gradually coming to an end, the 21st century being the era of the natural gas based energy industry. According to various experts' forecasts, natural gas will remain the fastest growing source of primary energy in the world. Its consumption during the period from 2001 through 2025 may almost double, with the growth rate of 2.8% compared to that of 1.8% for oil and 1.5% for coal. The share of gas in the world consumption of primary energy expected to increase from 23% in 2001 up to 28% in 2025.

Natural gas is gaining a strong position in the global energy market, since it is an economically efficient and environmentally clean energy resource. The number of gas power stations keeps growing along with the increase in the volume of gas used in the utility sector. The nuclear power industry is becoming less attractive and environmental issues are becoming more important, making coal lose its appeal as a fuel.

#### **Europe**

OAO «Gazprom» remains the major gas supplier to the European market, accounting for 25% of gas consumption and up to 40% of gas imports into Europe.

#### Western Europe

According to experts' estimates, gas consumption in Western European countries may keep growing during the period from 2001 through 2025 by an annual 2.4%, increasing from 420 bcm to 730 bcm. This is primarily due to the expected conversion of heat power stations to gas as their fuel. The consumption growth coupled with the decrease in its own gas production as a result of depleting reserves in the region is likely to increase the dependence of Western Europe on import (up to an estimated 60% by 2020).

Understanding that they will inevitably depend more and more on gas imports, European countries are taking measures to secure gas supply. The 1998 EU Gas Directive and replacing it new Gas Directive adopted in summer 2003 are aimed at deregulating and liberalizing the European natural gas market by stimulating competition among the suppliers. New forms and methods of gas trade are developing, including spot transactions, which Gazprom uses if economically efficient, with long-term contracts still being the basis of its export to Western Europe.

The European natural gas market is expected to face radical changes, including the growth of aggregate consumption, higher dependence on imports, and the creation of a unified system for gas usage and free gas trade.

In spite of the fact that the supply of gas in the European market is currently higher than the demand, the situation will start changing after 2010. The region may face a gas deficit, if imports are not increased. This will result in further domination of Russia (represented by Gazprom), Algeria, and Norway as key gas suppliers. There is no full-value alternative to Russian gas, thus Gazprom will be able to increase its presence in the region, in particular through integrating into



Annual report 2003 62

the Western European gas market.

#### Central and Eastern Europe

Gas consumption in Central and Eastern European countries will grow even faster. The expected average annual growth rate in the period from 2001 through 2025 is 4.6% due to the active recovery of these countries' economy and their integration into the Western European states.

Competition and the forces, which shape it, are similar in the Central and Eastern European markets to those in Western Europe. These include liberalization of the market, privatization of gas companies, and tougher competition from other suppliers. However, due to the historic and economic factors, as well as its geographical location Gazprom should continue to have a dominant share in the Central and Eastern European markets.

The fuel and energy complex of the region has always been oriented to receiving fuel from the former Soviet Union, and no radical changes should be expected in this regard in the next 25 years. In spite of possibly higher competition, OAO «Gazprom» should remain almost an exclusive gas supplier to the countries within this region.

#### CIS countries and Baltic states, i.e. Former Soviet Republics

OAO «Gazprom» current role in gas supply to the CIS countries and Baltic states can hardly be overestimated. The needs of Belarus and Baltic states in natural gas are 100% covered by Russian gas supplies.

Russian gas accounts for up to 50% of gas imported by Ukraine and Moldova and the remaining part being supplied from Kazakhstan and other Central Asian states as transit through the Russian territory in accordance with the contacts signed with OAO «Gazprom».

The Transcaucasian countries are 100% supplied with gas, which goes through OAO «Gazprom» gas transportation system from Central Asian states.

#### **Asian Countries**

According to experts' forecast, a significant part of the incremental growth of the world energy consumption before 2025 may fall to the share of the Asian developing countries, primarily China, India, and Korea, in whose energy balance gas will be the most dynamic component.

Gas consumption growth in the region will be 4.5%, almost twice as high as in the industrial companies. Many Asian countries intend to increase the volume of gas used in the power industry in order to diversify the sources of electricity production. China and India, which account for 55% of gas consumption growth in the region, take efforts to improve gas supply and develop gas infrastructure.

This is a promising new market for Gazprom and successful entering this market is one of its strategic goals. This objective can be accomplished provided that the mineral resource base is expanded to the east of Russia and a new export corridor to Asia is established.

#### **USA**

The USA is the largest natural gas consumer in the world (accounting for 26% of global consumption). Yet, its own resources cover only 84% of its needs. Due to the expected increase in the US gas demand by 1.8% per year during the period from 2001 through 2025 combined with the same production level, the country's dependence on imports will grow. The major reason for the growing demand is the development of gas power industries, which account for 80% of the newly launched facilities.

The USA is one of the most promising LNG markets in the world. In the next 20 years, LNG imports (7 bcm) may reach 100 bcm. The country is planning to actively build new terminals with the total capacity of 75 bcm.

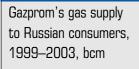
In view of the growing dependence on gas imports, primarily from Arab countries, the US government is taking measures to diversify its suppliers. OAO «Gazprom» is considered to be one of the new suppliers. The US government has expressed its interest in creating a favorable environment for the company to enter the American LNG market.

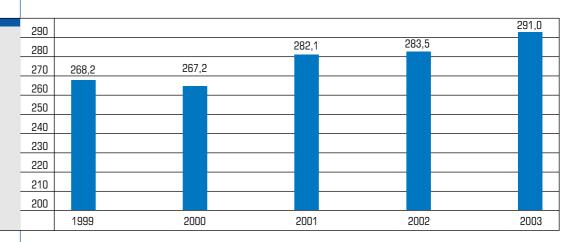
Thus, one more promising market for gas sales opens up. However, entering this market is only possible if economically efficient production of LNG is created along with the appropriate infrastructure for LNG transportation.

A feasibility study of the project and the estimation of costs to produce, liquefy and supply gas to the US market (from the Shtokmanovskoye field) showed that project can be competitive and profitable.

#### **GAZPROM'S ACTIVITIES IN THE RUSSIAN MARKET**

Gas supply to Russian consumers is one of the key aspects of Gazprom's operations. Gazprom Group supplied 291.0 bcm of natural gas to consumers in the Russian Federation in 2003. The average selling price was RR689.0 per 1,000 cubic meters.

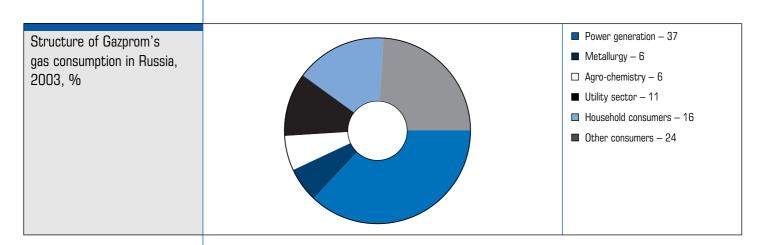




The power industry and metallurgy remain Gazprom's major gas consumers in Russia, accounting for 42.8% of the total gas consumption, followed by the households and utility sector consumers, accounting for 27.1% of the total gas consumption.

The payment discipline related to the supplied gas keeps improving from year to year: 97.5% of gas supplied to the consumers was paid for in 2003. Previous years' debts were settled by





21.7%, which is 0.4% more than in 2002. The share of cash payments in the revenue structure reached 95%, which is 5.3% more than in 2002.

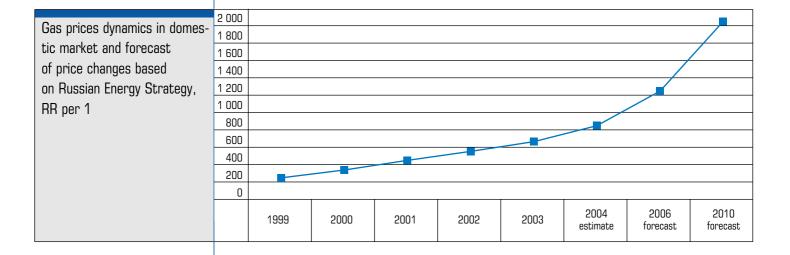
The total debt for the supplied gas went down by RR5.6 billion in 2003 and amounted to RR33.0 billion as of 31.01.2003. The major amount of debt is due from the households (47.9% of the total debt), utility sector consumers (12.3%), and budgetary organizations (5.5%).

Last year, OAO «Gazprom» did not make any profit in the domestic market. The loss from the sale of gas to Russian consumers was RR3.2 billion. The Company is planning to make some small profit (0.8%) from its sales in 2004.

The level of regulated tariffs for gas transportation services for independent suppliers through UGSS does not cover the company's costs, which resulted in losses amounting to RR1.9 billion in 2003.

#### **Prices**

Prices for the natural gas sold in Russia were significantly lower than export prices in 2003. Since 2000, gas prices have increased every year. In 2003, the prices were increased by an average 20% (by 20% for the industrial consumers from January 1, 2003 and by 23% for households from February 1, 2003). The prices were increased by another 20% from January 1, 2004.

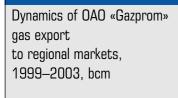


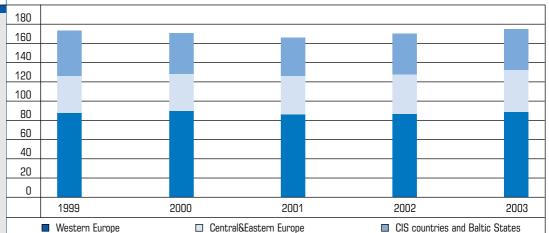


Annual report 2003 65

> The regulated wholesale gas prices should be increased in accordance with the target prices specified in the Russian Energy Strategy for the period up 2020 approved by the Russian Government. According to the Strategy, in order to provide for the investment base required for normal operation and development of the gas industry, gas prices should be increased up to the level of U.S.\$40-41 per 1,000 cubic meters by 2006 and U.S.\$59-64 per 1,000 cubic meters by 2010. To meet the target prices specified in the Energy Strategy gas prices should be increased by 24% in 2005, by 22.8% in 2006 and by 20-22% in 2007.

#### **GAZPROM'S ACTIVITIES IN EXTERNAL MARKET**





#### **Gas Export to Europe**

OAO «Gazprom» remains the largest supplier — in spite of the changing conjuncture — in the major markets for sale of Russian gas, i.e. the EU countries. These countries currently face competition among suppliers because of continuous excess of supply over demand along with more and more active gas market liberalization.

However, high growth rates of gas consumption in Europe provides Gazprom with opportunities for expanding its business. As competition gets tougher, Gazprom intends to master new forms of business, improve marketing, and raise the reliability of its supplies and the level of consumer services.

Russian gas was supplied to 20 countries outside of FSU in 2003. This year was characterized by favorable market opportunities for the company in Europe. Export reached 132.9 bcm of gas. This figure is expected to increase to 145 bcm in 2005.

As 000 «Gazexport» continued to develop its relationships with traditional buyers in 2003, it also expanded the number of its partners, having signed contracts with Italian companies «ENEL» and «Edison» and a Swiss company «EGL». General agreement was reached with an Italian company «ENI» and supplements to all the existing contracts were signed to exclude the destination clause banning re-export of Russian gas. At the same time an alternative economic mechanism was introduced to prevent any possible unfair competition.

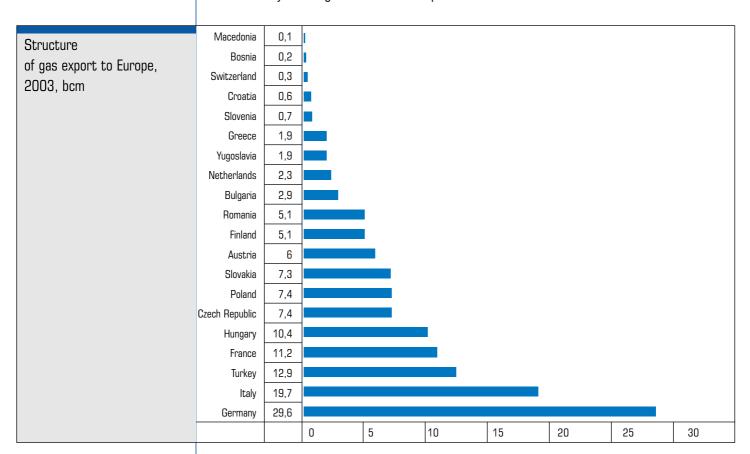


Annual report 2003 66

> the priorities in the last year was to expand gas supply to Turkey. In late November 2003, Gazprom held successful negotiations with the Turkish party regarding the supply of Russian natural gas to Turkey and the disputed issues about the «Blue Stream» project. All the disputes concerning the «Blue Stream» project were settled.

> A single price was agreed for all the contracts to supply Russian natural gas to Turkey; the contracted volumes of gas to supply were kept and the contractual mechanism was agreed upon. The achieved agreements should help stimulate Turkish demand for Russian gas, and the prerequisites for further development of Russian-Turkey natural gas supply cooperation were created.

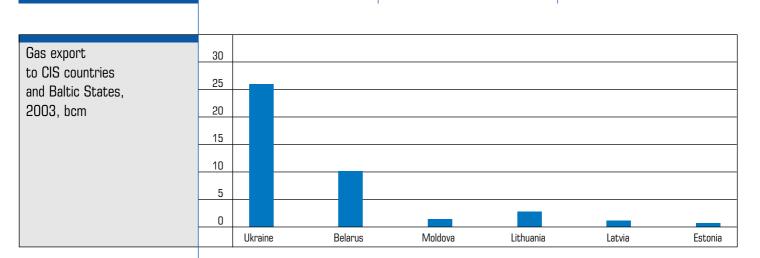
> The supply of Russian gas through the «Blue Stream» gas pipeline is managed in strict compliance with the contractual terms and conditions. 1.3 bcm of gas were supplied through the undersea gas pipeline in 2003. This year the gas deliveries are expected to be about 4 bcm.



#### **Gas Export to CIS Countries and Baltic States**

OAO «Gazprom» supplied 42.6 bcm of gas to the CIS countries and Baltic states in 2003, including 29.7 bcm of gas supplied as payment for the transit of Russian gas to the European countries through Ukraine and Belarus.





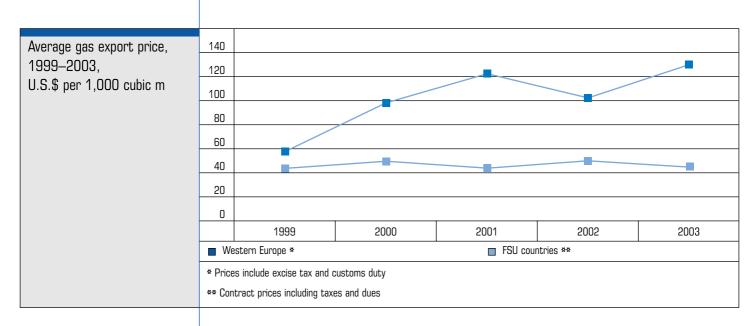
#### **Export of Liquid Hydrocarbons**

Liquid hydrocarbons were exported in 2003, including diesel, furnace fuel oil, stable gas condensate, motor gasoline, propane-butane mixture, and crude oil. 1,610.3 thousand tons of liquid hydrocarbons were supplied for the total of U.S.\$265 million in the reporting year.

#### **Prices**

Prices for the gas exported to the European countries depend on the prices for competing energy resources, such as oil products and coal to some extent. Due to the formulas specified in export contracts, gas prices are not so volatile in short-term prospective as oil spot prices.

Prices for the gas supplied to the FSU countries are usually determined by one-year contracts, which envisage a fixed gas price.



The average prices for the gas exported to the FSU countries are considerably lower than the export prices set for the European countries.



Годовой отчет 2003 69

# SOCIAL RESPONSIBILITY

### AND ENVIRONMENTAL

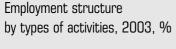
#### **PROTECTION**

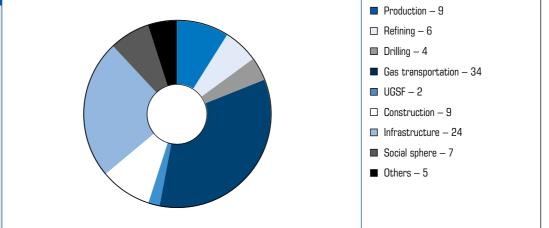
#### **PERSONNEL**

The total number of Gazprom Group's employees as of 31.12.2002 was 330 thousand people, including 106.3 thousand specialists and managers and 209.4 thousand workers.

Gazprom employs 89.8 thousand people with higher education, including 1,798 Doctors of Sciences and Candidates of Sciences and 83.9 thousand people with secondary professional education.

The average salary along the Group adjusted to the allowance for the work in remote and northern areas was increased by 36.2% up to RR20.3 thousand due to the compensation for inflationary losses and transfer to the new payment procedures.





#### **SOCIAL PARTNERSHIP**

Social and labor relationships between the employees and employers in 2003 were regulated by the effective labor legislation, the Industry tariff agreement for the organizations of the oil and gas industries and the construction of objects of the oil and gas complex of the Russian Federation for the period from 2002 through 2004, and the Tariff agreement between the employees and management of OAO «Gazprom», its subsidiaries and organizations for the period from 2001 through 2003.

The Tariff agreement and collective contracts in OAO «Gazprom» and its subsidiaries and organizations shape the interaction between the employees and the employer aimed at raising the efficiency of Gazprom Group's activities through coordinating social and labor interests of the parties based on the social partnership principles, as well as expanding benefits provided to the employees.

Due to the expiry of the Tariff agreement, a General collective contract was signed in November 2003 between Gazprom and its subsidiaries for the period from 2004 through 2006.

Over 104 thousand people participated in the Non-government Pension Fund «Gazfund» as of 31.12.2003, the non-government pension being received by over 28 thousand of them.

RR5.9 billion were spent for the construction of social sphere objects in the reporting year. Employee housing totaling 187.2 thousand square meters were constructed along with a kinder-



2003

69



garten, and a polyclinic.

#### **CHARITY AND SPONSORSHIP**

OAO «Gazprom» is a socially responsible company, which focuses on the support of such areas of public life as culture, sports, education, and science. OAO «Gazprom» participates in large-scale projects aimed at the development of Russian culture, preservation of artistic and historical values and monuments and contributes into the maintenance of the best domestic theatrical traditions and the art of theatre. OAO «Gazprom» long-lasting partners include the State Tretyakov Gallery, the Pushkin State Museum of Fine Arts, the State Hermitage Museum, the State Academic Mariinsky Theatre and other national cultural centers.

Within the long-term state project for the development of physical culture and sports the company continued its cooperation with the Russian State Committee for Physical Culture and Sports, the Russian Olympic Committee, the Russian Gymnastics Federation, and the Moscow Chess Federation.

OAO «Gazprom» is the general sponsor of the Russian football club Zenit, and supports other teams such as Arsenal, Volgar-Gazprom, and Gazovik-Gazprom. Gazprom rendered its support for mass ski competitions «Ski-track of Russia».

OAO «Gazprom» continued its multi-year cooperation with the Russian Orthodox Church and other religion organizations. Last year it allocated money for the restoration of the Spaso-Preobrazhensky Monastery on the island of Valaam, the Church of the Cathedral of the Icon of Our Lady of Vladimir.

OAO «Gazprom» takes an active part in the projects aimed at improving social support of people, as it renders assistance to low-earning and needy people, military servicemen, veterans and disabled veterans of the Great Patriotic War.

Special attention is paid to the support of disabled children, orphans, and residents of children's homes. Christmas and New Year performances are organized for them every year. Large-scale charity events were held on the New Year's Eve for more than two thousand children from children's homes and children's asylums of Moscow and the Moscow region.

Gazprom implements social support programs for the peoples of the Extreme North by investing funds into the construction of the production and social sphere projects.

#### **ENVIRONMENTAL MEASURES**

Gazprom's ecologists' activities in 2003 allowed stabilizing and reducing the man-caused environmental impact from the Group's facilities.

In order to decrease hazardous emissions, Gazprom carried out measures to improve and replace gas pumping units. 31 gas pumping units with the total capacity of 574 MW were reconstructed, which allowed decreasing the nitrogen oxides emissions by 1.2 thousand tons per year and the carbon dioxide emissions by 826 thousand tons per year.

In 2003, hazardous emissions into the atmosphere from Gazprom's production facilities were less



than 57% of the limits established by environmental authorities.

The total volume of water taken from natural sources and received from other companies went down by 6.3% to 117 mcm. There have been a sustainable trend of lower water consumption for the company's own needs during the past years. Due to the efficient water utilization, better accounting for water reserves and bringing down water losses, the total volume of water consumed by the company in the reporting year for its own needs decreased by 4% compared to the year 2002 down to 75.7 mcm.

The total volume of drained water decreased by 4.5% down to 61.1 mcm in 2003. The discharge of polluted wastewater into the surface reservoirs went down by 5.7%.

6.2 thousand hectares of damaged lands were re-cultivated in 2003.

The production wastage was 84.4 thousand tons in 2003. After taking measures for the utilization and burial of waste, its remaining volume decreased by 53% down to 45 thousand tons in 2003.

Spending on environmental measures totaled RR5.6 billion in the reporting year.



Annual report 2003 71

# **COMPANIES WITH OAO «GAZPROM» SHAREHOLDING OF MORE THAN 5%**

For the purposes of this Report, the companies marked with an asterisk (\*), are the Group's major companies

#### OAO «Gazprom» 100 % ownership

000 «Astrakhangazprom»\* 000 «Bashtransgaz»\*

000 «Volgotransgaz»\* 000 «Volgogradtransgaz»\*

000 «Kavkaztransgaz»\*

000 «Kubangazprom»\*

000 «Kaspiygazprom»\*

000 «Lentransgaz»\*

000 «Mostransgaz»\* 000 «Nadymgazprom»\*

000 «Noyabrskgazdobycha»\*

000 «Orenburggazprom»\*

000 «Permtransgaz»\*

000 «Samaratransgaz»\*

000 «Severgazprom»\*

000 «Surgutgazprom»\*

000 «Tattransgaz»\*

000 «Tomsktransgaz»\*

000 «Tyumentransgaz»\*

000 «Uraltransgaz»\*

000 «Urengoigazprom»\*

000 «Yugtransgaz»\*

000 «Yamburggazdobycha»\*

D000 «Burgaz»

000 «VNIIGAZ»

000 «Gazexport»\*

000 «Gazpromavia» Aviation

Company

000 «Gazflot»

000 «Gaznadzor»

000 «Gazobezopasnost»

000 «Gazsviaz»

000 «Gazkomplektimpex»

000 «CHOP Gazpromokhrana»

000 «Gazpromrazvitie»

000 «Gazprominvestholding»

ZAO

«Gazpromstroyengineering»

000 «Gazpromtrans»

000 «Gazpromenergo»

«Gazprom Finance B V»

«Gazprom (UK) Limited»

000 «IRTs Gazprom»

000 «Informgaz»

ZAO «Informgazinvest»

000 «Mezhregiongaz»\*

000 «NIIgazeconomika»

000 «Novourengoysky GHK»

000 «Nadymstroygazdobycha»

000 «NPTs

Podzemgidromineral»

000 «Podzemgazprom»

ZAO «PRT-1»

OAO «Severneftegazprom»

OAO «Servicegazprom»

000 «Surgutstroygaz»

000 «Szhizhenny gaz»

(Liquefied gas)

000 «TyumenNllgiprogaz»

AO «Topenergy»

000 «Ecological and Analytical

Center of Gas industry»

000 «Ecomed-91»

ZAO «Yamalgazinvest»

#### **Ownership over 50%**

SP OAO «Brest-Gazoapparat»

OAO «Volgogaz»

OAO «Volgogradneftemash»

DOAO «VNIPIgazdobycha»

OAO «Vostokgazprom»

OAO «Vostokgazprom»

OAO «Gazprom-Media»

OAO «Gazstroydetal»

OAO «Gazpromgeofizika»

OAO «Gazmash»

OAO «Gazcom»

ZAO AB «Gazprombank»

OAO «Gazprom Kran»

ZAO «Gaztelekom»

000 «Gaztorgpromstroy»

OAO «Gazsibcontract»

OAO «Gazenergoservice»

OAO «Giprogaztsentr»

OAO «Giprospetsgaz»

000 «Dialoggazservice»

000 «Ditangaz»

OAO «Druzhba»

OAO «Zapsibgazprom»

ZAO «Zarubezhneftegaz»

ZAO «Kaunasskaya termoficat-

sionnava electrostantsia»

OAO «Kostromatrubinvest

**VrTZ**»

OAO «Krasnodargazstroi»

OAO «Krasnoyarskgazprom»

OAO «Lazurnaya»

OAO «Lengazspetsstroy»

000 «Metaprom»

DOAO «Orgenergogaz»

ZAO «Peter-Gaz BV»

OAO «Promgas»

ZAO «Rivmar»

OAO «SevKavNIPIgaz»

OAO «SOGAZ»

DOAO «Spetsgazavtotrans»

OAO «Spetsgazremstroy»

OAO «AK «Sibur»

DOAO Urengoystroygaz

000 «Fora Gazprom»

TOOO Fond «Buduchshee

Otechestva» (Future of the

Fatherland Fund)

DOAO «Tsentrenergogaz»

OAO «Tsentrgaz»

DAO «TsKBN»

DOAO «Electrogaz»

000 «YurTEK-Inter»

#### Ownership up to 50%

OAO «Arctic-Energy»

ZAO «ArmRosgazprom»

OAO «Belgazprombank»

AOOT Universal Exchange

«Russian Gas»

000 IC «Vega»

000 «VIP-Premier»

ZAO NPO

«Vologdapromresurs»

AO «Volta»

OAO «Gazavtomatika»

000 «Gaz-AgroFreeport»

ZAO «Gas-Oil»



ZAO «Gaztransit»
000 «Gaz-Truby»
AO «Gazum»
ZAO IC «Horizon»
AO «EuRoPolGAZ»
0AO «Zapsibgazifikatsia»

OAO «Zavod po proizvodstvu

trub bolshogo diametra»

(Large diameter pipes produc-

tion plant)

000 «IVECO UralAZ» ZAO MIFK «Interfin»

AO «Interconnector (UK)

Limited»

OAO Ab «Incombank»

ZAO «KazRosGaz»

OAO «Latvias Gaze»

ZAO «Media-Most»

000 «International

Consortium for operation and development of Ukrainian gas

transportation system»

AOOT «Moldovagas»

ZAO AKB «Moscovski

Vekselnyi bank»

**AOOT** 

«Mospromagrotorgdom»

AO «Nord Transgas»

ZAO «Noyabrsky gorodskoy

bank»

OAO «Orenburg financial com-

pany»

ZAO KB «Olympiyski»

OAO «Promstroybank Rossii»

OAO «Prometey-Sochi»

ZAO «Regionreestr»

ZAO «Rosshelf»

ZAO «SR-DRAGa»

SPV «Blue Stream» Pipeline

Company BV»

AO «Slovrusgas»

ZAO «Soyuz exporterov

energii» (Union of energy

exporters)

ZAO «Stella Vitae»

ZAO «Tehnologii Motorov»

(Motor technologies)

000 «Temryukmortrans»

OAO AKB «Tobolsk»

ZAO Trade House «Rus-gaz»

AO Turusgaz

ZAO «Khimsorbent»

000 «Kholodilnoe delo»

ZAO «Khoroshevskaya energy

company»

000 «TsentrKaspneftegaz»

OAO «Chestem ISK»

AO «Eesti Gaas»

AO «Yugorosgaz»

OAO «YuzhNIIgiprogaz

Institute»



#### **GLOSSARY**

#### **OF BASIC TERMS**

#### AND ABBREVIATIONS

#### ADS of OAO «Gazprom»

An American Depositary Share equals 10 ordinary Gazprom's shares

#### **Asian and Pacific Region**

The Asian and Pacific Region includes countries located on the continental part of Asia and America and in the Pacific Ocean zone.

#### **Baltic States**

Lithuania, Latvia, and Estonia

#### bcm

Billion cubic meters as measured at a pressure of one atmosphere and 20°C

#### «Blue Stream» project

The project of a trunk pipeline running from Russia under the Black Sea to Turkey. The pipeline was constructed in cooperation with an Italian leading gas purchasing and distributing company «ENI»

#### **Board of Directors**

Gazprom's Board of Directors consisting of 11 members elected in accordance with the Law of the RF «On joint-stock companies» and the Charter

#### **Central Asia**

Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan

#### **Central and Eastern Europe**

Bulgaria, Bosnia, Hungary, Macedonia, Poland, Romania, Slovakia, Slovenia, Croatia, Czech Republic, and Yugoslavia

#### **Chairman of the Management Committee**

Gazprom's executive body in charge of the issues beyond the exclusive jurisdiction of the General Shareholders Meeting, Board of Directors, and Management Committee

#### **Energy Strategy of Russia**

Russian energy strategy for the period up to 2020. It was approved by Regulation of the Government of the Russian Federation No.1234-r dated August 28, 2003.

#### EU

European Union

#### **Europe**

Central, Eastern, and Western Europe

#### **European Union Gas Directive**

The Directive adopted by the European Parliament and the European Union in August 1998. It was replaced by a new Gas Directive in 2003. Its purpose is to establish general rules for the structure and functioning of the European natural gas market



2003

74



#### **FSU** countries

The countries, which used to be part of the former Soviet Union: Azerbaijan, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Tajikistan, Turkmenistan, Uzbekistan, Ukraine, and Estonia (except for Russia)

#### Gazprom Group, Group, Gazprom

OAO «Gazprom», its subsidiaries and related companies taken as a whole

#### GDO

Gas distribution organization

#### **GMS**

Gas measuring stations

#### GR

Gas refinery

#### Hydrocarbon reserves (categories $A+B+C_1$ )

These are the portion of geological reserves whose extraction from the subsoil as of the date the reserves are calculated is economically efficient given market conditions and rational use of modern extraction equipment and technologies and taking into account compliance with the requirements of subsoil and environmental protection.

#### **IFRS**

International financial reporting standards

#### kW

Kilowatt

#### LSE

London Stock Exchange

#### LNG

Liquefied natural gas

#### MAC

«Middle Asia – Center» gas transportation system

#### **Management Committee**

Gazprom's executive body, which performs together with the Chairman of the Management Committee the general management of Gazprom's operations and implements strategic plans developed by the Board of Directors

#### MSE

Moscow Stock Exchange

#### **OAO** «Gazprom»

Open Joint Stock Company «Gazprom» — head company of Gazprom Group



#### **SESP**

Stock Exchange «St. Petersburg»

#### **Sibur Group**

OAO «AK «Sibur» and its major subsidiaries taken as a whole

#### Tons of oil equivalent

One ton of oil equivalent equals 10.0 million kcal or 1243 cubic meters of gas

#### **UGSF**

Underground Gas Storage Facility

#### **UGSS**

Unified Gas Supply System of Russia

#### **UKPG**

Comprehensive gas treatment unit

#### **Western Europe**

Austria, Andorra, Belgium, Germany, Greenland, Greece, Denmark, Irish Republic, Iceland, Italy, Cyprus, Lichtenstein, Luxemburg, Malta, Monaco, Netherlands, Norway, Portugal, San Marino, United Kingdom of Great Britain and Northern Ireland, Turkey, Finland, France, Switzerland, and Sweden

#### «Yamal-Europe» project

Gazprom's project including the pipelines (with the total length of about 5,900 km) running from the northern part of the Tyumen Regionin the Russian Federation to Germany through the territory of Belarus and Poland.

76



#### АДРЕСА И КОНТАКТЫ

#### **Full name**

Open Joint Stock Company «Gazprom»

#### **Abbreviated name**

OAO «Gazprom»

#### Location

16 Nametkina St., Moscow, Russian Federation

#### Mail address

16 Nametkina St., 117997, Moscow, V-420, GSP-7 Tel.: (095) 719-30-01 (for references).

Fax: (095)719-83-33, 719-83-35

http://www.gazprom.ru

#### Certificate of entry into the Unified State Register of Legal Entities

Issued by the Moscow Department of the Ministry of Taxes and Fees of the Russian Federation on 07.08.2002; No. 1027700070518

#### **Identification Number Of Taxpayer (INN)**

7736050003

#### **Head of Shareholders Relationship and Share Capital Office**

Borodina Olga Igorevna

Tel.: (095)719-49-86, 719-26-01. Fax: (095) 719-39-37

E-mail: O.Borodina@adm.gazprom.ru

#### **Head of Information, Analysis and Forecasting Office**

Baryshnikov Mikhail Yurievich

Tel.: (095)719-44-48. Fax: (095) 719-35-41 E-mail: M.Baryshnikov@adm.gazprom.ru

#### **Head of Investor Relations Information Office**

Zhdanovich Dmitri Vadimovich

Tel.: (095)719-10-97. Fax: (095) 719-10-37

E-mail: Zhdanovich@gazprom.ru

#### **Auditor to OAO «Gazprom»**

ZAO «PricewaterhouseCoopers Audit»

#### **Location and mail address**

52 Kosmodamianskaya Nab., Bld. 5, Moscow, 115054, Russian Federation

Tel.: (095) 967-60-00 Fax: (095) 967-60-01

#### License

No. E 000376 issued 20.05.2002 by the Ministry of Finance of the Russian Federation

#### Registrar of OAO «Gazprom»

ZAO «Specialized registrar – Holder of gas industry shareholders register» («SR-DRAGA»)



This Annual report is preliminary approved by the resolution  $N^{o}$  569 of OAO «Gazprom» Board of Directors dated May 25, 2004

Chairman of the OAO «Gazprom» Management Committee

Chief Accountant of OAO «Gazprom

Alexei B. Miller

Elena A. Vasilieva