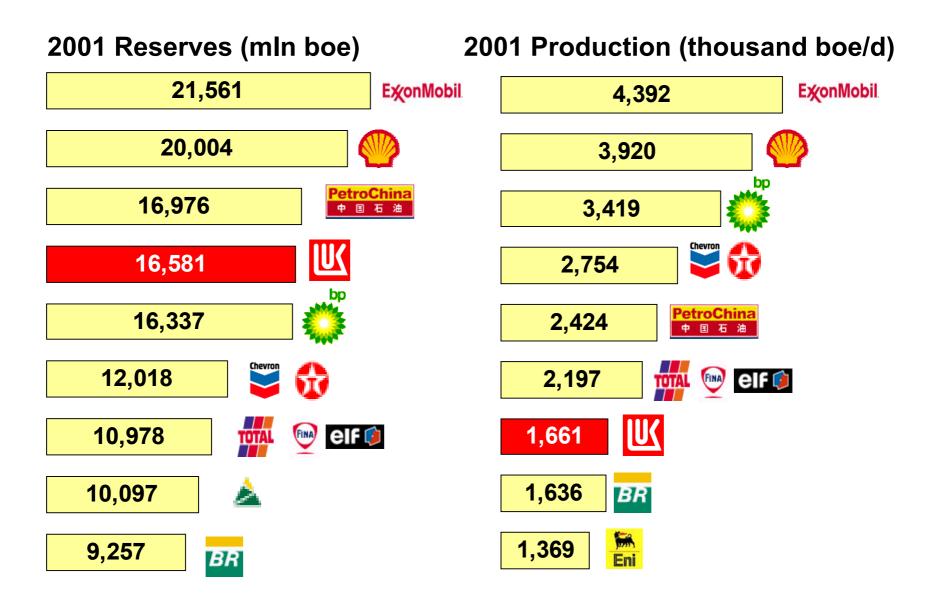
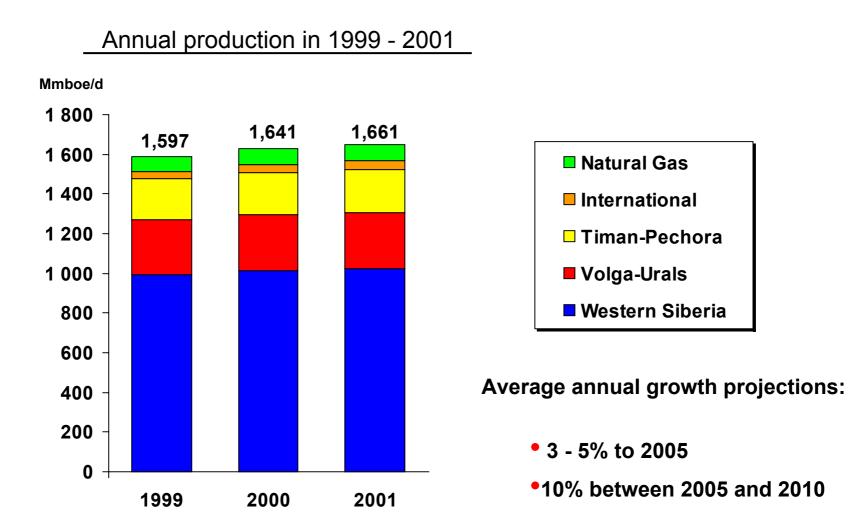
# LUKOIL: EFFICIENT GROWTH

**June 24, 2002** 



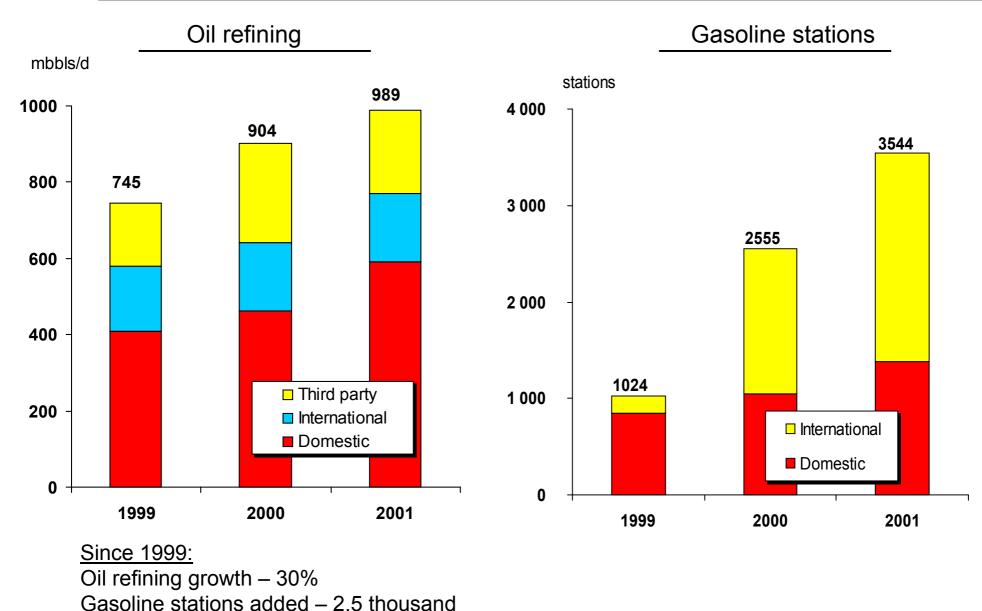








# **LUKOIL Refining and Marketing Growth**



#### **Financial market performance**\* as of June 20, 2002

	Share price	Market cap	P/E		
Company	USD	USD MM	2002E	2003E	2004E
<u>Russian Oils</u>					
LUKOIL	16.25	13,825	6.3x	6.7x	7.0x
YUKOS	9.06	20,262	6.3x	7.6x	8.5x
Surgutneftegas	0.37	13,294	6.0x	7.3x	7.3x
Sibneft	1.59	7,532	6.7x	8.6x	7.0x
Average for Russian oil & gas majors**			7.8x	7.8x	7.5
LUKOIL Discount to Russian Majors			-20%	-14%	-6%%
Average for Emerging Markets Companies***		8.1x	7.6x	12.0x	
LUKOIL Discount to Emerging Market peers			-22%	-12%	-42%
Average for International Supermajors****			19.2x	17.0x	16.3x
LUKOIL Discount to International Supermajors			-67%	-61%	-57%

- The Company's stocks trades at a significant discount to other emerging market companies
- The discount to international majors is at about 60% on P/E
- LUKOIL management is very attentive to those aspects of the Company's performance that concern investors
- LUKOIL's strengths have not been properly communicated to the market and are not fully reflected by it
- LUKOIL is developing and implementing measures to raise the efficiency of operations

#### LUKOIL management presents some of the Company's strategic measures to raise efficiency. Management is committed to keeping investors informed about further steps in this direction.

\*Source: IBES, Morgan Stanley estimates for LUKOIL and Petrobras. \*\* Including: LUKOIL, Yukos, Gazprom, Sibneft, Surgutneftegas; \*\*\* Including: Petrobras, Petrochina, CNOOC; \*\*\*\* Including: ExxonMobil, Royal Dutch Shell, BP Amoco



# Short-Term (2002-2003) Restructuring Program

# SHORT-TERM RESTRUCTURING (2002-03)

# LONG-TERM STRATEGY

#### Revenue Enhancement

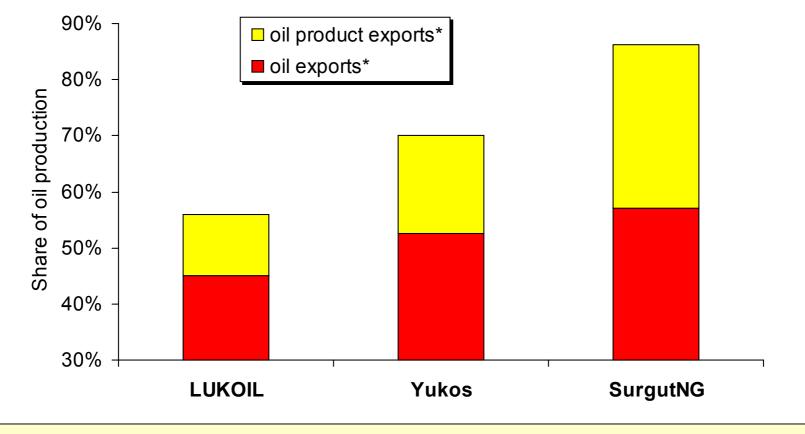
- Increase oil and oil products exports
- Accelerate development of new fields
- Costs reduction
  - Reduce the number of low-margin wells
  - Reduce headcount
  - Wider application of enhanced oil recovery technologies.

#### Corporate structure

- Consolidate subsidiaries
- Service companies divestment

- Development of new provinces
- Gas program
- International expansion





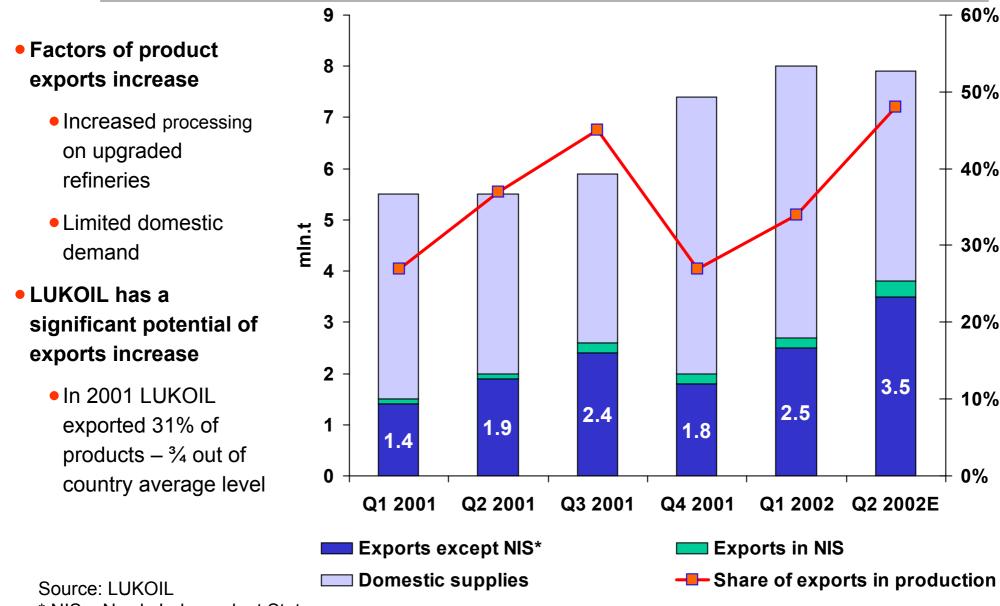
Significantly higher focus on domestic sales vs. peers had negative impact on our financial performance in 2001

\* % of total oil production

Sources: LUKOIL - company data for 9M01, Yukos - Company data (9M01 financials), SurgutNG - RusEnergy



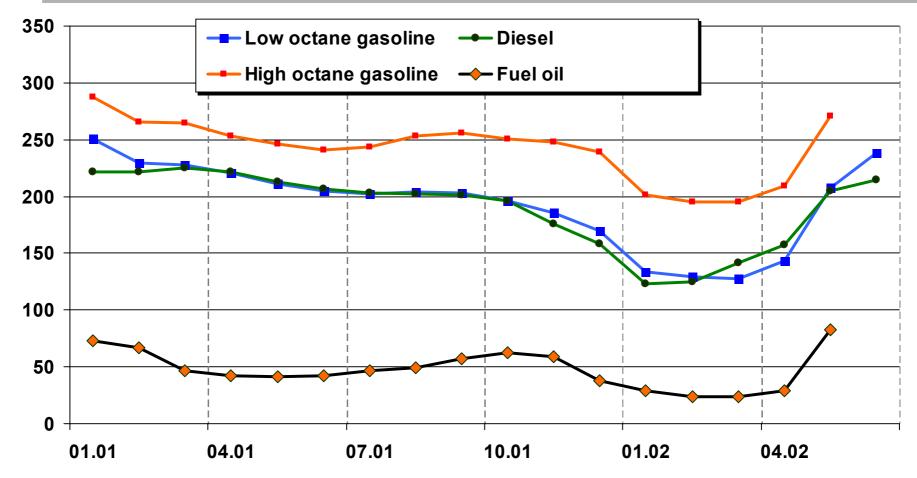
# **Product Exports Growth**



\* NIS - Newly Independent States



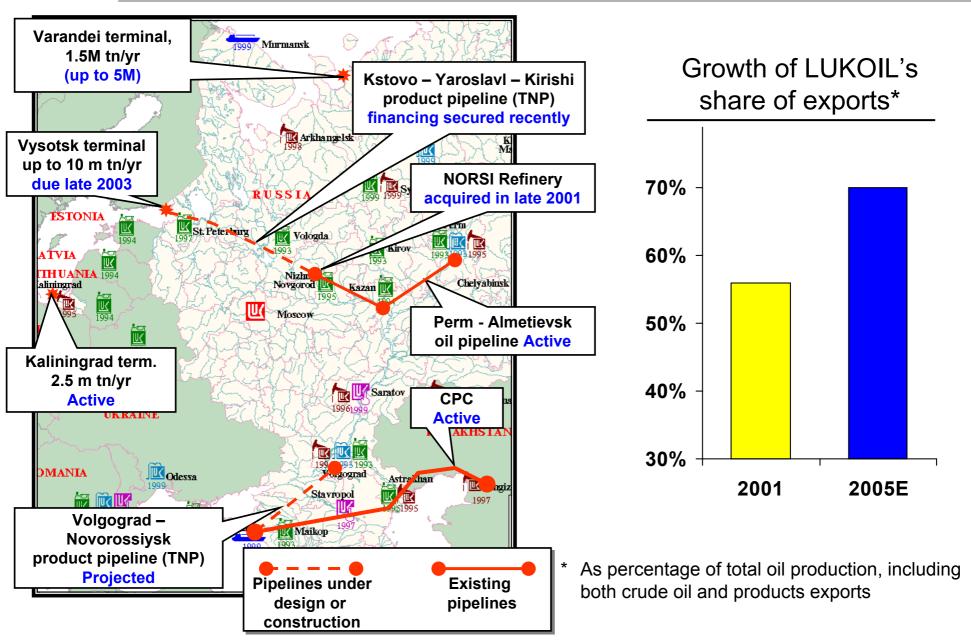
## **Domestic Refined Products Prices Dynamics**



As prices increase, domestic and export sales margins converge. In the future, LUKOIL will allocate sales to maximize profitability.

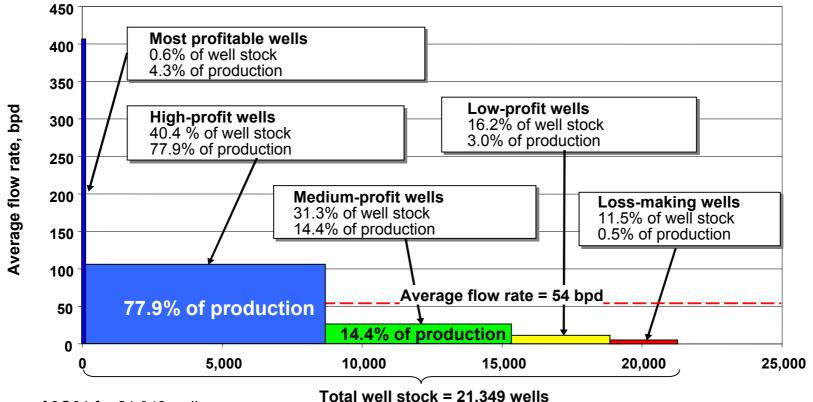


# **Enhancing Export Potential**





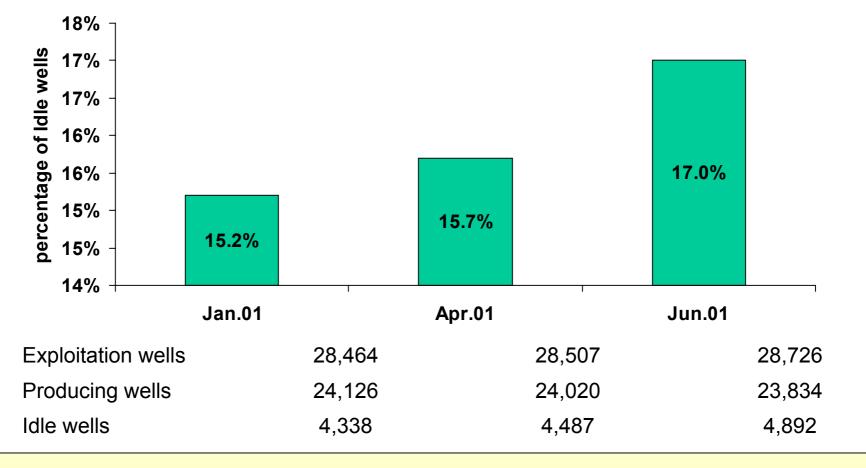
- LUKOIL is actively monitoring the efficiency of its well stock
- Some 80% of the Company's production comes from about 8,500 highly productive wells
- The Company is considering closing up to 5,000 unprofitable wells, which contribute just 3% to total production volume



Data as of 3Q01 for 21,349 wells

\* variable costs = cost reduction after shutting a well down, including operating costs and taxes

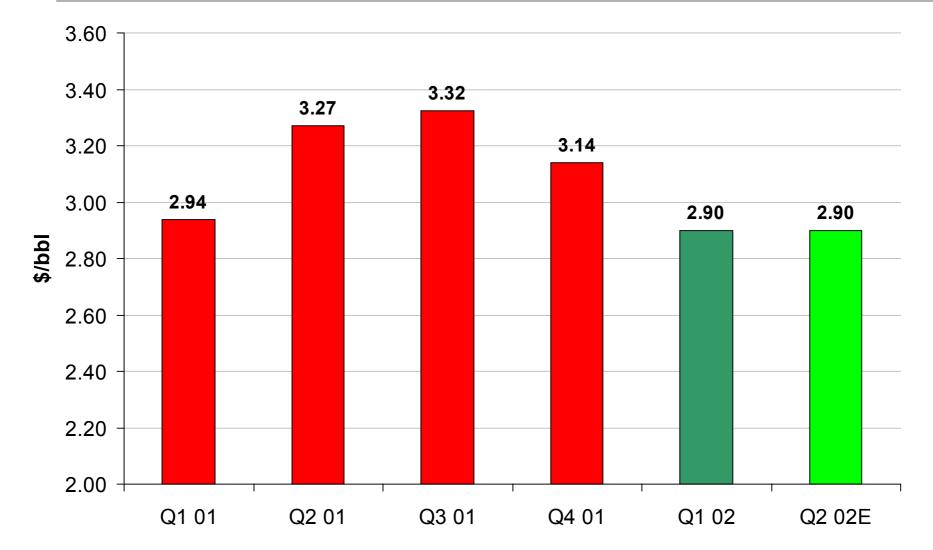




As LUKOIL proceeds with wells closure program, share of idle wells increases

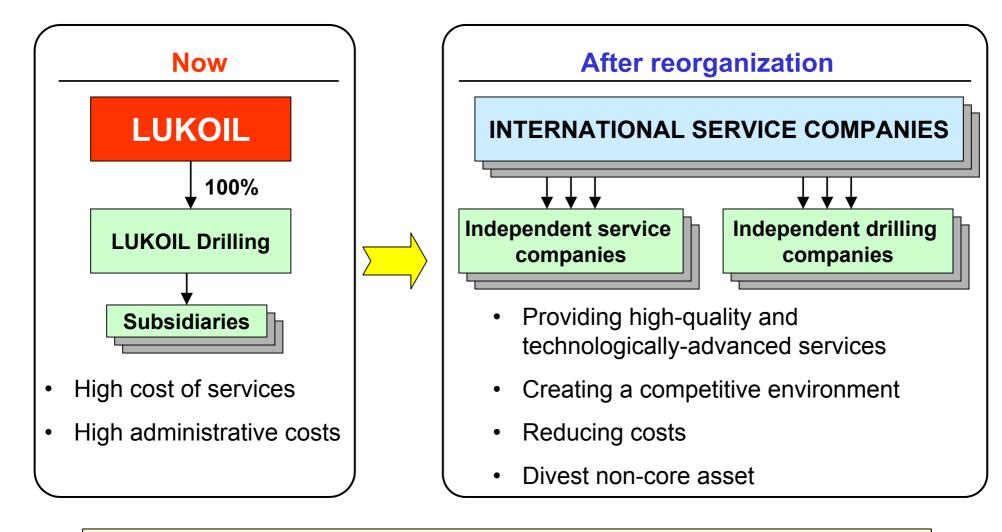


## **Crude Oil Production Costs\***



\* Operating costs in Exploration and Production, including lifting costs, expensed wells maintenance and repairs and other costs; excluding taxes and depreciation

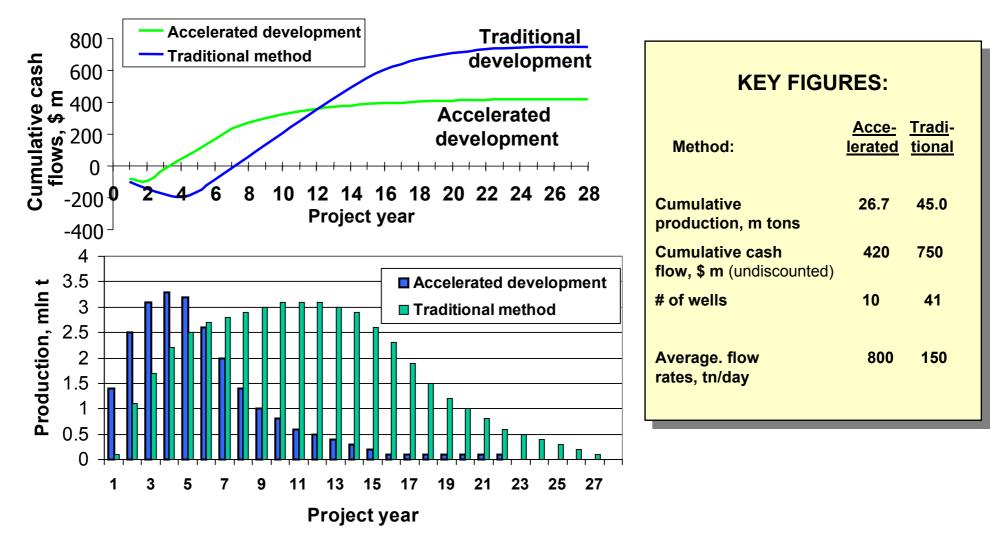




Several international drilling and service companies have already expressed interest in the LUKOIL Drilling divestment.



#### With decrease of recovery ratio



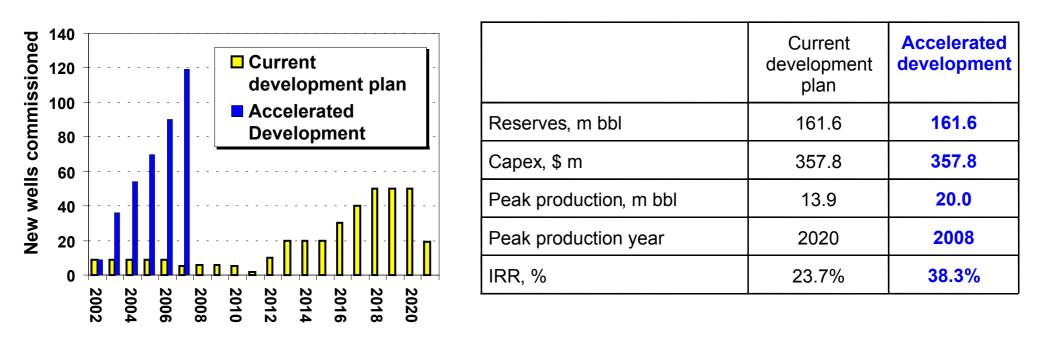
Note: Sample production and cash flow forecasts for one of LUKOIL's fields in the Volga region



#### **Preserving recovery ratio**

Alternative approach to accelerated development is acceleration of drilling schedules. It allows preservation of recovery ratio and has benefits of bringing forward cash streams

#### Comparing development forecasts for one of the Timan-Pechora fields



- With an optimal approach, accelerated development improves economics
- LUKOIL is actively considering opportunities for accelerated development at new fields



# SHORT-TERM RESTRUCTURING (2002-03)

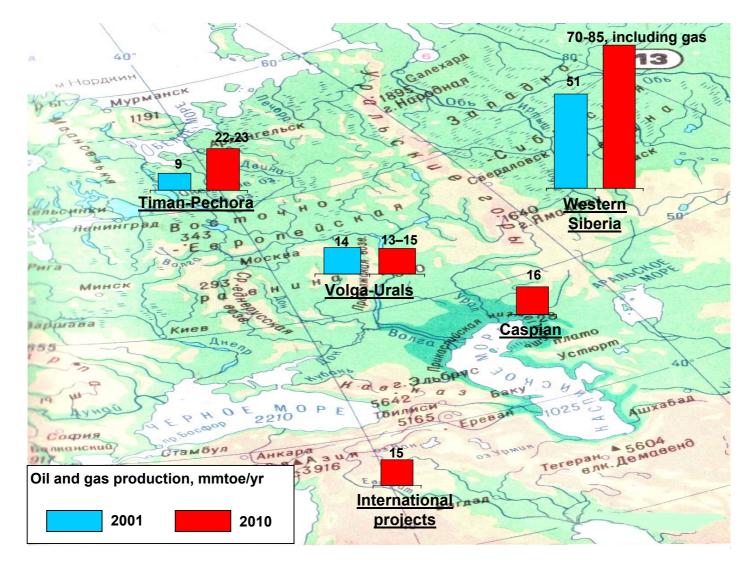
# LONG-TERM STRATEGY

- Revenue Enhancement
  - Increase oil and oil products exports
  - Accelerate development of new fields
- Costs reduction
  - Reduce the number of low-margin wells
  - Reduce headcount
  - Wider application of enhanced oil recovery technologies.
- Corporate structure
  - Consolidate subsidiaries
  - Service companies divestment

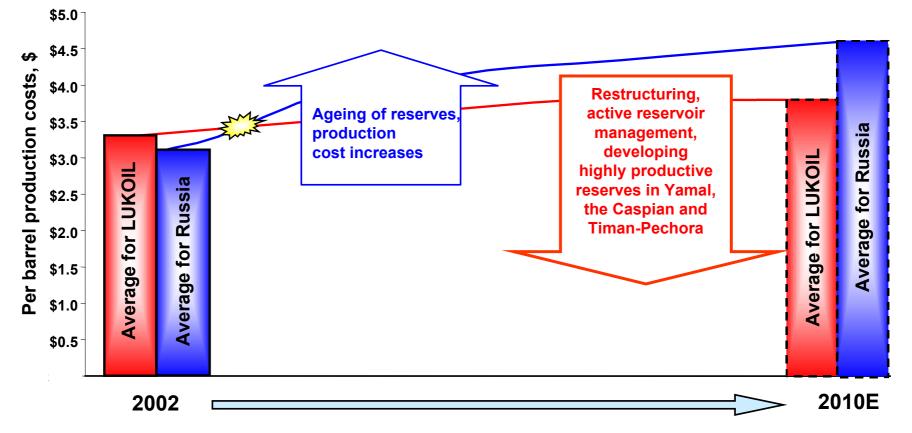
- Development of new provinces
- Gas program
- International expansion



#### Growth of production in new provinces







- LUKOIL is the only oil company in Russia with a prepared resource base in new provinces
- With the depletion of Western Siberian reserves, average Russian production costs will grow
- Companies with a prepared resource base will have a competitive advantage in terms of production costs



#### LUKOIL's Capex in New E&P and Pipeline Projects

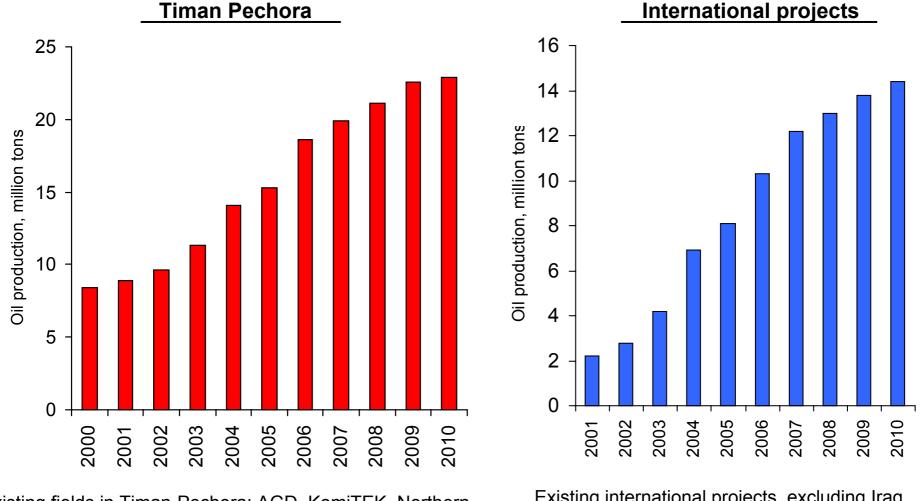
<u>\$ m</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>
E&P in Russia - New regions*	50.0	236.9	445.8
Caspian E&P Projects**	184.3	229.1	244.9
Other International E&P	3.2	0.8	3.5
CPC	72.8	166.1	120.2
TOTAL	310.3	632.9	814.4

\* Includes Timan-Pechora and Northern Caspian regions

\*\* Includes AIOC, Karachaganak, Kumkol, Tengiz and other Caspian projects

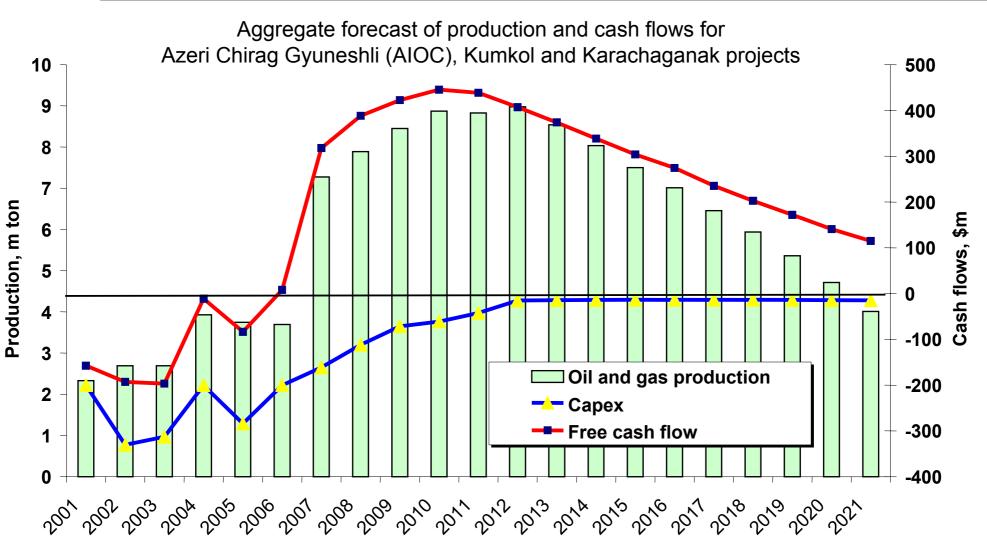


## **Long-Term Growth in New Provinces**



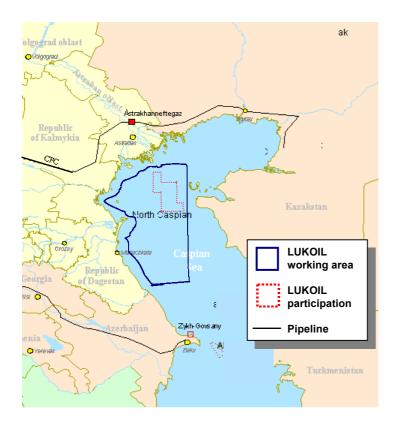
Existing fields in Timan-Pechora: AGD, KomiTEK, Northern Territories (100%) 2000–2001: actual data 2002–2010: LUKOIL estimates Existing international projects, excluding Iraq 2001: actual data 2002–2010: LUKOIL estimates





Source: LUKOIL estimates Only includes Azeri Chirag Gyuneshli (AIOC), Kumkol and Karachaganak projects

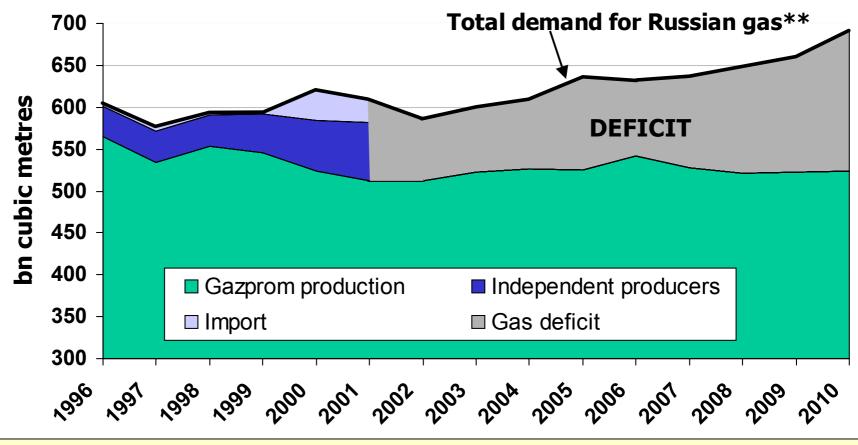
A large reserve base has been found and production and transport infrastructure created in an area previously believed to be of low commercial attractiveness



- Identified over 3.3 bn boe of extractable reserves with potential for significant increases
- Significantly larger potential for the whole license area
- LUKOIL has undertaken significant seismic work, on the basis of which 6 wells have been drilled. All were successful
- The Company has created its own production infrastructure. It has its own Astra jack-up rig, a fleet of support vessels, and has created onshore infrastructure
- Participation in the CPC gives LUKOIL access to easy crude export

LUKOIL is the leading Russian oil major with unique E&P and transport assets in the Caspian



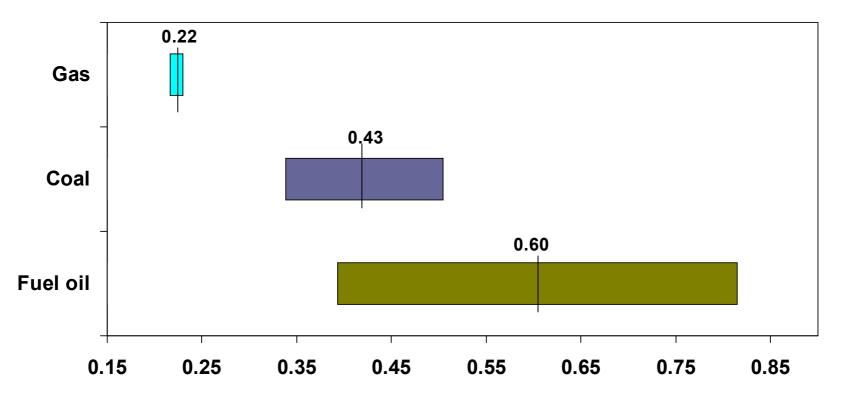


The projected decrease in Gazprom's production leads to a deficit of natural gas in Russia. This creates opportunities for independent producers and importers.

\*\* Includes domestic, CIS, Baltic demand and commitments under Gazprom's long-term export contracts. Source: Gazprom, Energy Ministry, InfoTEK, Renaissance Capital estimates



Cost of electricity production, RUB/kWh\*



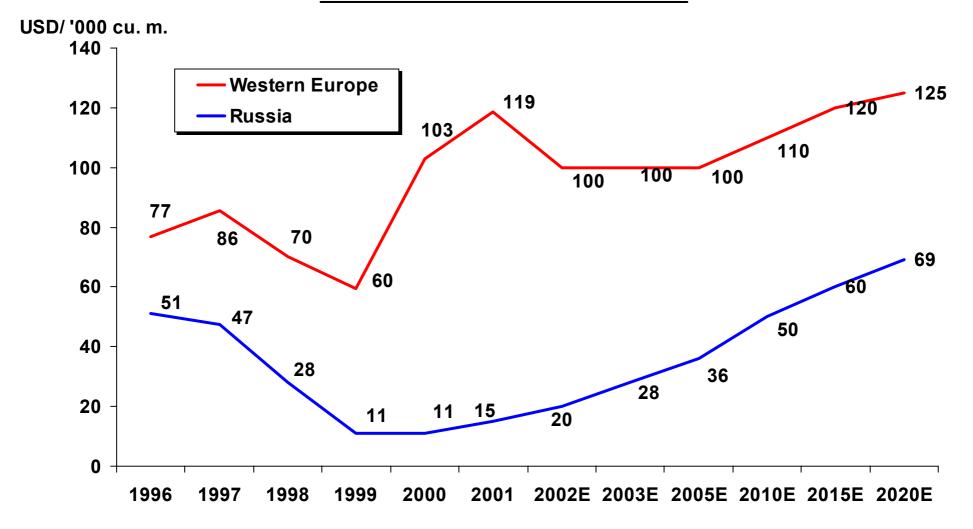
#### Gas prices have to double to reach cost levels of coal and to triple to reach the level of fuel oil

\* Based on data for representative Russian power plants Source: Renaissance Capital, Lukoil analysis



## **Gas Prices Projections**

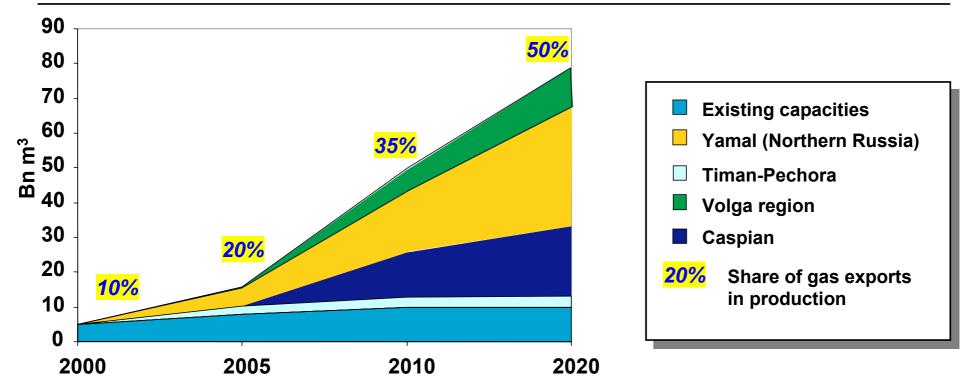
#### **Real Natural Gas Prices\***



\* In constant 2001 USD; LUKOIL projections; Domestic prices are for industrial consumers Source: Renaissance Capital, LUKOIL projections



- LUKOIL expects significant growth in gas production at its fields
- Revenue should grow through developing projects in the CIS and bigger pipeline export volumes
- There are opportunities to find additional sources of gas



#### Gas production and exports from LUKOIL fields

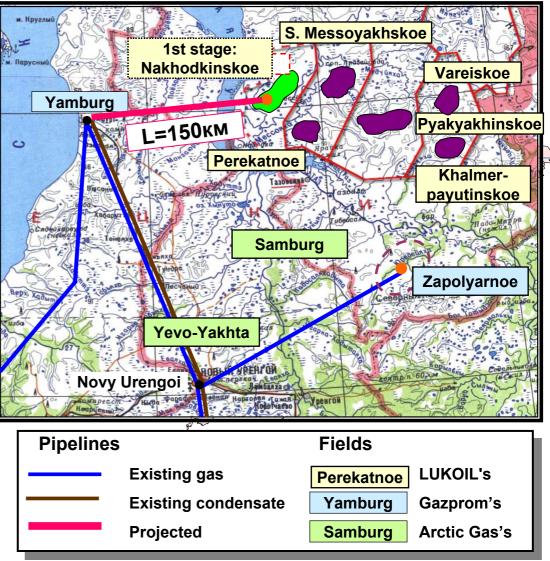


# **Bolshekhetskaya Depression Gas Production**

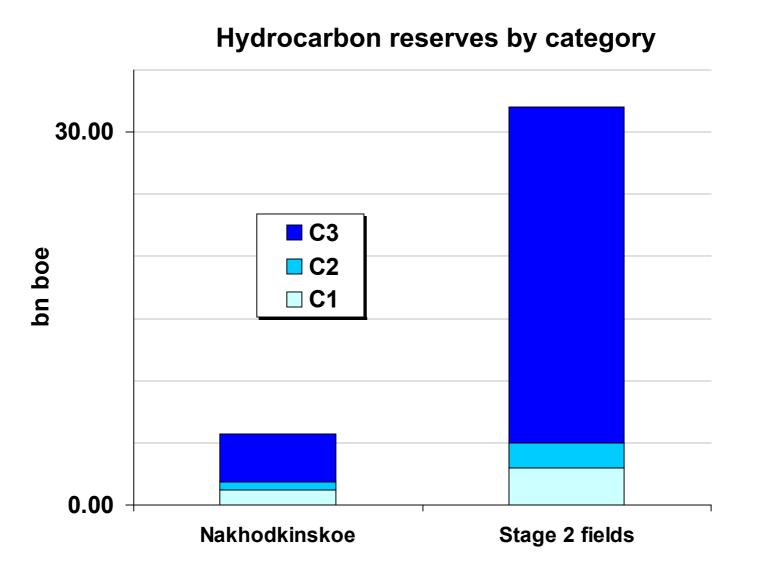
- In 2001 LUKOIL acquired OAO «YamaIneftegazdobycha», which holds licenses for significant reserves in Bolshekhetskaya depression area
- Some 1 Tcm of gas reserves in C1-C2 categories
- Production start 2005.

Contraction of the second

- First stage Nakhodkinskoe field
- Payback period: 5 10 years.
- Close proximity to Gazprom's fields and transport infrastructure (150 km)

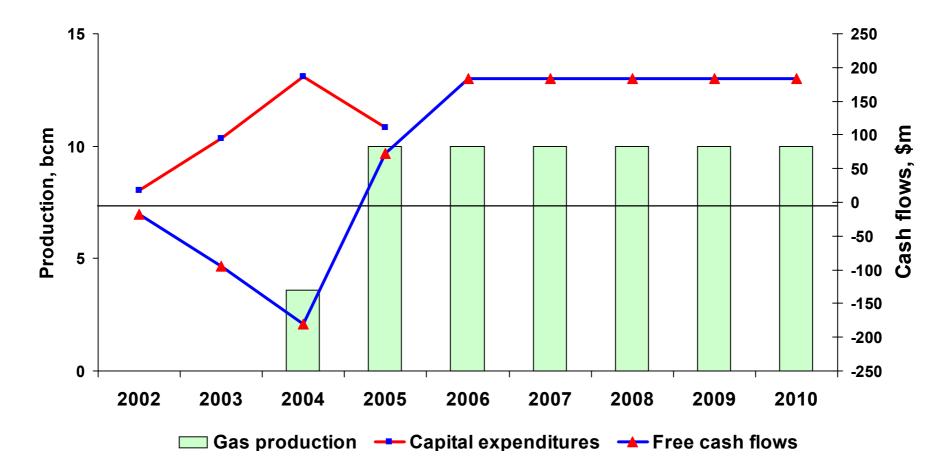








### **Cash Flow Forecast for Nakhodkinskoe Field**



#### **Assumptions:**

- Domestic gas price: \$24.7 / 1000 μ<sup>3</sup>
- World gas price: \$100 / 1000 м<sup>3</sup>
- Transportation costs: \$22 / 1000 м<sup>3</sup>
- Construction of 150 km pipeline
- Forecast in constant 2002 USD.



# LUKOIL's strategy aims to increase reserves through profitable acquisitions and exploration

	2001 reserve additions, bn boe	NPV*, bn \$
Proved	3.61	\$4.35
Possible	1.57	\$1.75
Probable	3.25	\$1.44
Total	8.43	\$ <u>7</u> .54
Total upstream capex and explora	tion expenses in 2001 am	nounted to <b>\$1.6 bn</b>

#### **Reserve additions include:**

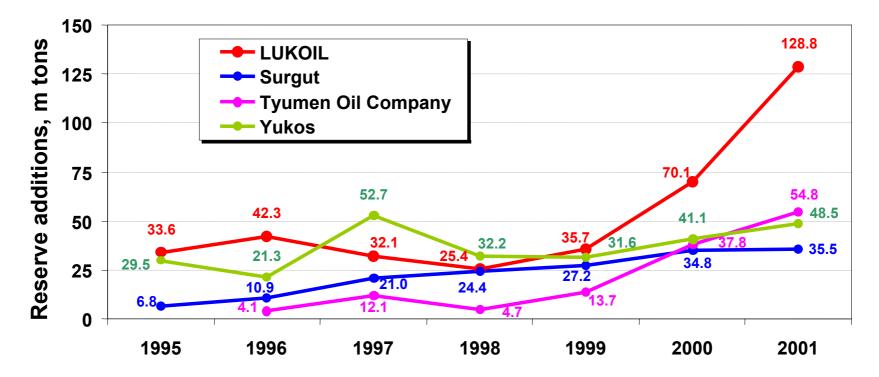
- Gross increase in reserves from discoveries on the Caspian (only 1 field included so far),
- Acquisitions of gas reserve of Bolshekhetskaya depression on the Tazovski Peninsula
- Reserves of the recently acquired AGD
- Additional volumes from the Komi Republic as a result of exploration, more efficient production, acquiring minority stakes

\* NPV calculated according to the U.S. SEC's methodology



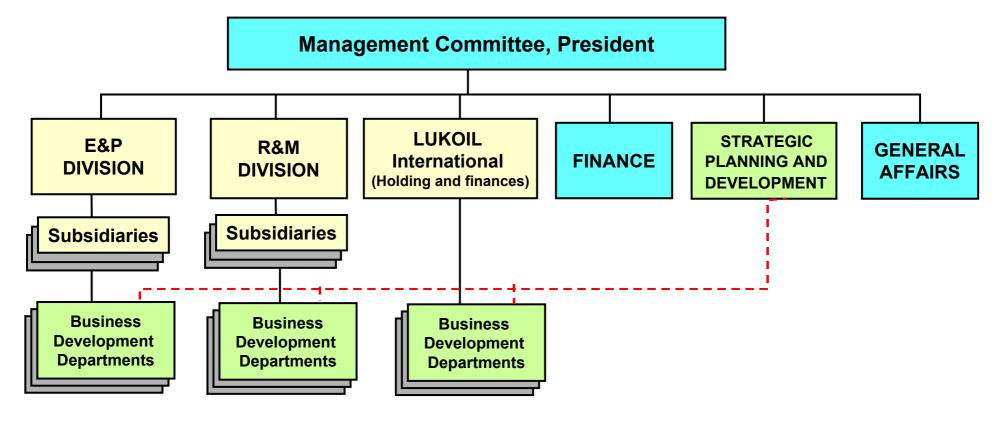
# Leadership in Adding Hydrocarbon Reserves

#### Hydrocarbon reserves additions by leading Russian oil companies



- LUKOIL has the largest hydrocarbon reserves
- The value of its reserves will continue to grow as the Russian economy develops
- LUKOIL will seek opportunities to accelerate monetisation of its reserves





- Listing in London and New York
- Consistent Dividend Policy
- Improving investor relations

- Increasing transparency
- Implementation of Corporate Governance Code
- Introduction of independent directors
- Bringing management systems in line with International standards



# **INCREASED COMPANY VALUE**



