

WORLD COAL MARKET



Prof. Ruzhinskaya T.I.

Coal



Brown Coal
• high water content
• relatively close to surface
• overground mining
• no global trade

Hard Coal
• high energy content
• located deep in the subsoil
• underground mining
• global trade



market Overview



Coal is the most affordable and reliable energy resource that provides a significant portion of world energy needs, particularly in electricity generation. Availability of coal resources of more than 400 years, which is a serious argument in favor of coal as the most promising energy carrier.

Competitive advantages of coal

- *stability and predictability of prices*
- *low costs in transportation*
- *ease of storage reserves* *low costs in transportation*
 - *ease of storage reserves*
 - *ability to work in different markets.*
- *ability to work in different markets.*



Resources and Reserves

World

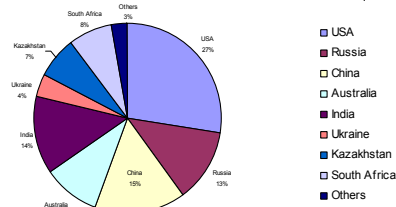
- Hard coal
- Resources: 17167 bn tons
- Reserves: 723 bn tons
- Brown Coal
- Resources: 4187 bn tons
- Reserves: 277 bn tons

Proved coal reserves at end 2008

Proved reserves at end of 2008
Thousand million tonnes (anthracite and bituminous coal shown in brackets)



World coal reserves



Source:BP Statistical Review of World Energy June 2010

Coal reserves in the world in 2009 (billion tonnes)

Country	Coal (including anthracite) Bln/t	brown coal (billion tons)	Subtotal (billion tons)	Share of total (%)
USA	109,5	139,40	248,3	28,9%
Russian Federation	49,8	108,10	157,0	19,0%
Chinese People's Republic	62,2	52,40	114,6	14,9%
Australia	37,8	39,40	77,2	9,2%
India	54,0	4,60	58,6	7,1%
Ukraine	15,4	18,50	33,9	4,1%
Kazakhstan	28,2	3,10	31,3	3,8%
South Africa	30,4	-	30,4	3,7%
Poland	6,1	1,50	7,5	0,9%
Germany	1	6,50	7,5	0,8%
Canada	3,5	3,10	6,6	0,7%

Source: "BP Statistical Review of World Energy", 2010

COAL PRODUCTION

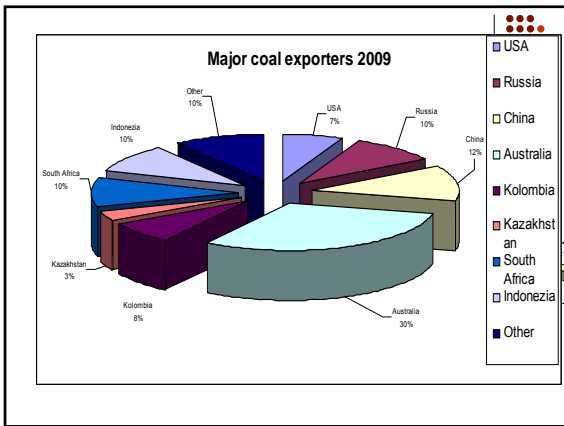
▲ The main countries-producers until 2010, are: China, Australia, USA, South Africa, Russia, which have huge coal potential. World production of coal in 2007 amounted to 5600 million tons.

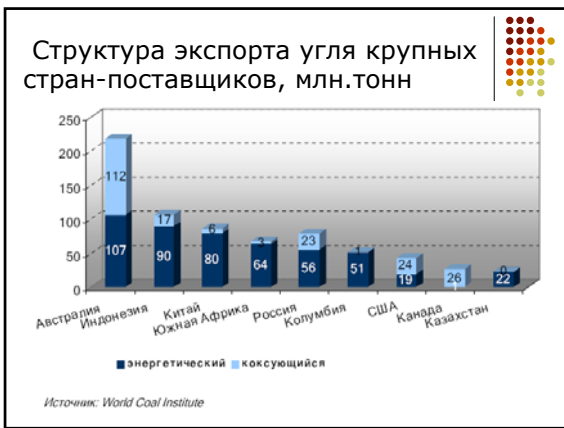
▲ The largest coal producer in the world is supposed to be China. According to the results at the end of 2010, the leader in the production of coal is China, which accounted for 45% of world production, in absolute terms is 2500 million tons.

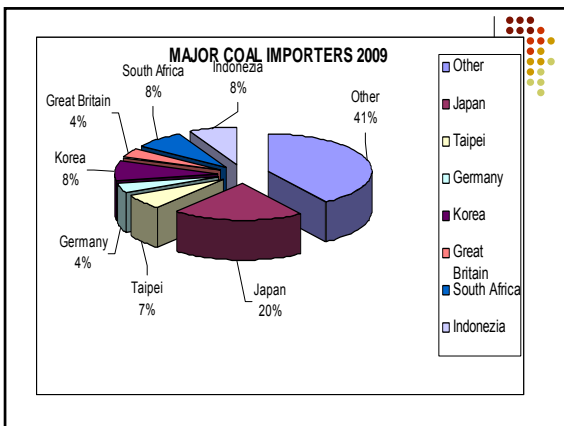
COAL CONSUMPTION

▲ To date, the largest consumer of coal is China, which accounts for 38.6% of world consumption of this fuel. Second place is occupied by the United States, their share was 18.4%.

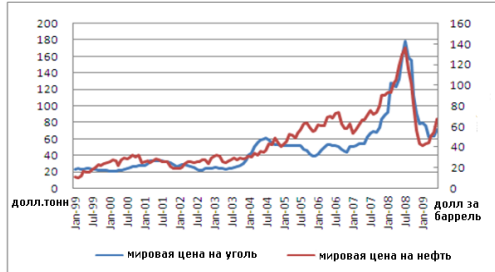
▲ Increased demand for coal is now placing the emerging economies, primarily China and India. In China, the main demand for coal makes the steel industry in India and energy sector.







COMPARISON WORLD COAL PRICE & WORLD OIL PRICE



Source: <http://hy.gzntax.gov.cn/k/2009-7/1520795.html>

RUSSIAN COAL

In Russia there are large coal resources for non-traditional use

- the production of synthetic liquid fuel from coal extraction and coal-bearing deposits of methane gas,
- production of electrodes and lining materials,
- the hydrocarbon adsorbent,
- humic substances and other valuable products.

Forecast

▲ The volume of world coal consumption increased from 1980 to 2009, more than 70%. According to forecasts of EIA (Energy information administration), in 2025, coal consumption in the world will grow by an average of 1.5% per year, although growth will vary significantly by region.

▲ In 2011 the world price of coal will increase.

REASONS

1. The world economy is slowly recovering and consumption of coal in the world increases.
2. The volume of seasonal consumption rises in the northern hemisphere.
3. The exchange rate for the dollar down, which will affect the price of coal.

Источники:

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