Total World Coal Production in 2016 year is more then 7.3 Billion tonnes (+55.6% then in 2000; -9.1% then in 2013). Russia’s share in global coal production in 2016 - 5.2%.

**Major World Total Coal countries producers in 2016 year are:**
1) China (3243 Mt), 2) USA (672 Mt), 3) India (708 Mt), 4) Australia (503 Mt), 5) Indonesia (461 Mt), 6) Russia (386 Mt), 7) South Africa (257 Mt), 8) Germany (176 Mt)

In Russia, which holds the 11 place for coal mining in the world and has 5.5% of the world’s coal reserves (about 200 billion tonnes), in 2016, about 4.5% of the world’s coal production was produced.

Total Russian coal production reached a level of 408.1 Mt in 2017, achieving a growth of 58.4% since 2000. Currently, coal production in Russia is carried out in 7 federal districts, 25 subjects of the Russian Federation and 85 municipal entities, of which 58 are coal-mining territories on the basis of city-forming coal enterprises. Within the Russian Federation, 22 coal basins and 129 separate deposits are being developed. The fund of operating coal-mining enterprises of the Russian Federation, as of 01.01.2018, has 180 enterprises (mines - 61, sections - 119).

As a result of the restructuring of the coal industry and the privatization of its assets in the late 1990s, the entire volume of coal mining is currently carried out by joint-stock companies with a private ownership.
The growth rate of coking coal production in the Russian Federation in 2017 in relation to the level of 2000 amounted to 141.7%, energy coal - 163.3%.

The share of the underground method of coal mining in Russia in 2017 was 26.3% (in 2000 - 40%).

In 2017 the coking coal production in Russia is 8.45 Mln t (+ 73.7% to the level of 2000).


Russia in the end of 2016 is the third largest producer of coking coal in the world (after China and Australia). In 2017 the coking coal production in Russia is 9.45 Mln t (+ 41.7% up to 2000). Now the main Russian s coking coal basins are: Kuznetsky, Pechorski, South-Yakutsky and others basins.


In 2017 Russia produced 324.4 Mln t of steam coal (+ 63.3% to the level of 2000). The share of Russian produced steam coal in the global volume of thermal coal in 2016 was 10.0%.

The major Russian steam coal companies are: “SUEK”, “Kuzbassrazreuzugol”, “UezhKuzbasugol”, “SDS Ugol”, “Stroyservis”, “Кузбассразрезуголь”, “SDS-Ugol” and others.
Supply of Russian coal in the domestic market in terms of use in the period from 2000 to 2017

Russian Coal Deliveries in 2016-2017 years

World Total Coal Export

Export of Russian Coal

World Total Coal Export in 2016 year is more than 1.3 Billion tonnes (+101% up to 2000, but less than 2014 to 2.7%).

Major World Total Coal countries Exporters in 2016 year are:
1) Australia (29.4%), 2) Indonesia (26%), 3) Russia (12.4%), 4) Columbia (6.3%), 5) South Africa (5.8%), 6) USA (4.1%), 7) Canada (2.3%), 8) Kazakhstan (1.8%).

Totally, these countries exported in 2016 about 90% of all world export coal.

As for coal exports, Russia ranks third in the world and supplies coal products to 80 countries.
The export of Russian coal in 2017 increased to 164.6 mln t, of which 16.4 mln t of coking coal (-15.2% to the level of 2015), 148.2 mln t of steam coal (+ 12.2% to the level of 2015).
The share of coal exports for export from the total volume of coal supplies in 2016 increased to 49.6% (in 2015 - 46.4%).
The forecast corridor of world exports of all coal (million tons)

In accordance with our forecasts, the world export of all coal in the period from 2015 to 2035 will decrease from 1.3 billion tons to 1.06-1.11 billion tons, or by 15.4-18.5%.

World export of coking coal (Mt)

The world export of coking coal in the period from 2015 to 2035 is projected to decline from 300.2 million tons to 260.5-273 million tons, or by 8.8-13.2%.

The forecast corridor of Russian exports of all coal (million tons)

The export of Russian coal in the period from 2015 to 2035, according to our forecasts, will increase from 151 Mt to 167-184 Mt by the end of the period, or by 6.0-21.9%.

Russian export of coking coal (Mt)

The export of Russian coking coal in the period from 2015 to 2035 is projected to increase from 19 Mt to 29-33 million tons, or by 52.6-73.7%.

World Total Coal Import

The volume of imported coal in the world in 2016 totaled about 1.3 billion tons, which is 2.1 times more than in 2000. However, this is 5.8% less than in 2014.

The main countries - importers of coal following the results of 2016: China (the share in the world volume of imported coal is 19.3%), India (15.1%), Japan (14.3%), South Korea (7.5%), Taiwan (5.0%), Germany (4.0%). The import of coal to the Russian Federation in the period from 2000 to 2016 declined by 22.1%, to 20.1 mln t at the end of the period.

The world consumption of coal

The world consumption of coal in 2016 was about 7.5 billion tons, which is 6.7% less than in 2013 (the "peak" of coal consumption in the world). The decline in the volume of coal consumption in the world can be explained by a decrease in demand for energy coal, while demand for coking coal, on the contrary, has increased (it accounts for only about 13% of the total world consumption of coal). The main share is the production of electricity and heat, which is, on average, 65.5%.
Forecast corridors of coal consumption throughout the world and the main coal-consuming countries in the period up to 2035

Potential Capability of Russian Coal Production up to 2035 year, Mt

The development of coal production for the future will depend on the emerging conjuncture of prices for energy resources in the world and domestic markets.

Scenarios of coal production in Russia in the period up to 2025, Mln t / year

In the period 2015-2025, coal production is expected to increase from 374 M\(\text{t}\) to 450 M\(\text{t}\) in the target scenario, with a reduction to 371 M\(\text{t}\) in the base scenario and 355 M\(\text{t}\) in the conservative scenarios.

The share of imported equipment in the Russian coal industry, in the period from 2011 to 2017, (%)

If in 2014 the amount of imported equipment was 64% of its total volume at the enterprises of the industry (in the mines - 49%, in the open cuts - 79%), in 2015 - 66% (in mines - 50%, open cuts - 82%), in 2016 it increased to 67.5% (in mines - 52%, open cuts - 83%), and in 2017, according to preliminary data, it reached 68%.

In the period from 2011 to 2017 the share of imported equipment grew by 15% in the industry as a whole, including 11% in mines, 17% in open cuts.
Thank you for attention