The unconventional hydrocarbon potential in the Volga-Urals, West and East Siberia, Russian Federation


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At a time when global prices for hydrocarbons are falling, unconventional hydrocarbon resources have acquired special importance. The Russian Federation ranks 1st in the world for recoverable unconventional oil reserves. According to expert estimates, the total recoverable shale oil reserves of Russia vary from 20 to 100 billion tons of oil.

Significant distribution of shale formations and abundance of commercial inflows within the major oil and gas provinces say for high probability of a large-scale oil production, based on the use of the cutting-edge production technologies.

The summary data on the shale oil reserves distribution in the Russian Federation is collected and presented for the very first time in this report. Also, the program for creation of testing fields for validation of search, prospecting and exploration technologies, the results of unconventional oil reserves evaluation in the Russian Federation are described in the report.

Fig. 1: Location map of Unconventional oil reserves planned testing fields