

Level of the Production Processes Organization and Ways to Improve it

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I have investigated the state of the Russian fuel and energy complex, the level of organization of production processes in the petrochemical industry, and development prospects. I believe that a strategy based on a cluster approach will be the best option for the innovative development of the Russian petrochemical complex today. The competitiveness of chemical-technological systems directly depends not only on the intensity and efficiency of resource-saving processes taking place within the system, but also on the ability to build external processes for the exchange of innovations, digital competencies, R&D outside the production system. The key factor in the development of production in the era of the fourth industrial revolution is not so much the raw material base, material and human resources, but the ability of production and economic systems to optimally use them when designing the supply chain of petrochemical products, taking into account the achievements of digital technologies in industry.

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