

Best Available Techniques and Energy Efficiency Enhancement

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Best Available Techniques, energy efficiency, emissions, carbon, state regulation systems, Integrated Environmental Permits, support instruments

In the article we present results of the comparative analysis of two regulatory constructions – technological regulation based on Best Available Techniques and Greenhouse Gases emissions regulation. We assess both the international experience and emerging Russian approaches. It is emphasised, that criteria for selecting Best Available Techniques also open opportunities for high production energy efficiency, which in turn leads to the reduction of Greenhouse Gases emissions. We offer sector-related examples showing the inter-relatedness of waste minimisation solutions and approaches to reducing carbon emissions. It is underlined that two permitting systems – the first Integrated Environmental Permits and Best Available Techniques, and the second allowing emissions of Greenhouse Gases should operate independently from each other. At the same time, instruments forming incentives for the implementation of Best Available Techniques and energy efficiency enhancement may and ought to provide for reducing emissions of Greenhouse Gases in industry.

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