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Prospects for the development of green and energy efficient technologies in construction

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Аннотация:

Energy saving technologies have recently been considered at the level of state and international policy. Various opinions on the causes of appreciation of energy resources, on depletion of natural resources, changes in climate and many other problems are coming from the expert community. Increasing tariffs and prices for the consumed energy and heat citizens can feel on themselves. The diverse opinions of representatives of all government levels, departments and organizations converge in one thing: it is necessary to reduce the energy consumption, develop energy efficiency and energy saving measures in the country which will contribute to this. The relevance of this study is based on the lack of a mechanism to meet the social, economic, aesthetic and ecological needs of a person. Nevertheless, the problems of ecology and environmental protection are still acute and urgent. Levels of water and air pollution remain high due to outdated equipment and insufficient integration of modern technologies and waste treatment facilities. Motor transport increased the pollution level of the urban airspaces. Taking into consideration the significant growth of passenger transport, the reduction of trucks in the general traffic flows does not reduce the overall air and noise pollution in the roadside territories.

Ключевые слова:

Air pollution, Construction industry, Energy conservation, Energy utilization, Noise pollution, Urban transportation, Waste treatment, Water pollution