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## **ASPIRATIONS FOR SUSTAINABILITY AND GLOBAL ENERGY DEVELOPMENT TRENDS**

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**Abstract.** Global economic development and continuous growth of the world population are the major factors which cause growth of energy consumption and increasing volumes of greenhouse gas emissions. Attempts to achieve sustainable energy development are still not enough successful. Scientific community and international organizations are concerned with consequences of global warming: increasing temperature in various regions of the planet, significant and harmful effects on health and environment, growing number of extreme storm events and large wildfires, rising sea levels, changes in landscapes. Increasing efforts of governments and politicians should be directed to reduction of greenhouse gas emissions from fossil fuels combustion by increasing energy efficiency and by deployment of renewable energy sources. The paper focuses on efforts of world community directed to sustainable global energy development, implementation of new energy policies and provides an overview of energy consumption trends in the world by 2035.

**Keywords:** sustainable development, global warming, energy efficiency, energy, policy, energy strategy

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