

Rising Energy Consumption and its Climate Impact: Kyrgyzstan's Path to Energy Efficiency and Green Technologies



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Abstract:

Global energy consumption has risen dramatically over the past decades, driven by industrial growth, urbanization, and rising living standards. While energy use has been essential for development, it has also become one of the primary drivers of climate change, intensifying global warming and environmental degradation. This presentation, *"Rising Energy Consumption and its Climate Impact: The Kyrgyz Republic's Path to Energy Efficiency and Green Technologies,"* explores the dual challenge of sustaining economic growth while reducing the carbon footprint. Particular attention is given to the Kyrgyz Republic, a country highly vulnerable to climate risks, yet actively seeking solutions through energy efficiency measures and the adoption of green technologies. The talk will highlight key initiatives, policy efforts, and practical projects implemented in the Kyrgyz Republic to improve energy efficiency, promote renewable resources, and mitigate climate impacts. By examining both global trends and local experiences, the presentation aims to shed light on how countries like Kyrgyzstan can contribute to a more sustainable energy future.