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Public Awareness and Acceptance of Renewable Energy Policies: A Cross-National Survey Study

With the increasing severity of global climate change, renewable energy policies have become crucial tools for driving energy transition and mitigating greenhouse gas emissions, receiving significant attention from governments worldwide. However, the effective implementation of these policies depends not only on technological and economic factors but also on public awareness and acceptance. The public's understanding, attitudes, and support directly influence the success and sustainability of renewable energy initiatives.

Existing studies indicate that public awareness, environmental consciousness, and cultural backgrounds vary significantly across countries and regions, affecting the acceptance of renewable energy policies. Factors such as communication channels, the degree of public participation, and trust in institutions also play key roles in shaping acceptance levels. Therefore, conducting cross-national comparative research helps uncover commonalities and differences in public attitudes, providing scientific foundations for policy design and dissemination.

This study employs a survey-based approach covering multiple countries and regions to systematically assess public awareness and acceptance of renewable energy policies. Through quantitative analysis of demographic variables, educational background, and economic development levels, the research investigates the roles of information dissemination, policy transparency, and public engagement in enhancing support. The findings aim to offer empirical evidence to assist governments in optimizing policy design, increasing public participation, and promoting the widespread adoption of renewable energy.