

عنوان مقاله:

Exploring Decision-Making Processes in Renewable Energy Investments

محل انتشار:

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نویسنده:

Davoud Kiakojuri - Associate Professor of Public Administration Department; Chalous Branch, Islamic Azad University, Chalous, Iran

خلاصه مقاله:

The shift towards renewable energy sources is a global imperative, driven by the urgent need to address climate change and the economic opportunities it presents. This study explores the decision-making processes behind renewable energy investments, focusing on the motivations, risks, influences, and challenges faced by stakeholders. The objective is to illuminate the complex factors that guide these investment decisions and to provide insights that can enhance strategic planning and policy formulation in the renewable energy sector. A qualitative research design was employed, utilizing semi-structured interviews to gather data. Twenty-five stakeholders from various sectors including investors, policy makers, and technical experts within the renewable energy market participated in the study. The interviews aimed to achieve theoretical saturation, with data analyzed through thematic analysis to identify key themes and underlying concepts influencing investment decisions. Four main themes were identified: Investment Motivations, Risk Assessment, Stakeholder Influence, and Implementation Challenges. Each theme included several categories with specific concepts: Investment Motivations included financial returns, environmental impact, and technological advancements. Risk Assessment highlighted financial, regulatory, and technological risks. Stakeholder Influence was characterized by the roles of investors, government bodies, and local communities. Implementation Challenges focused on financial constraints, technical challenges, and project management issues. The study concludes that decision-making in renewable energy investments is influenced by a complex interplay of financial, technological, policy-related, and social factors. Effective investment strategies require a multifaceted approach that balances these diverse influences. Understanding these factors is crucial for stakeholders to navigate the challenges and capitalize on the opportunities within the renewable energy sector. The shift towards renewable energy sources is a global imperative, driven by the urgent need to address climate change and the economic opportunities it presents. This study explores the decision-making processes behind renewable energy investments, focusing on the motivations, risks, influences, and challenges faced by stakeholders. The objective is to illuminate the complex factors that guide these investment decisions and to provide insights that can enhance strategic planning and policy formulation in the renewable energy sector. A qualitative ... research design was employed, uti

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